

15 SEER SINGLE STAGE HEAT PUMP WITH OBSERVER™ COMMUNICATING CONTROL SYSTEM 1-1/2 THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz REFRIGERATION CIRCUIT

- Copeland Scroll® compressors on all models
- Suction line accumulator factory installed
- Bi-flow filter-drier included for field installation
- Integrated solid state control with Time-Temperature Defrost
- External high and low refrigerant service ports
- Copper tube / aluminum fin coil

PERFORMANCE

- Communicating, self-configuring operation when used with Observer Wall Control (TSTAT0101SC)
- Outdoor temperature sensor factory installed
- Compressor sound blanket standard
- Isolation compressor grommets

EASY TO INSTALL AND SERVICE

- Text based diagnostics with Observer Communicating Wall Control
- Easy access service valves on all models
- Innovative control box design
- High and low pressure switches
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- High gloss, baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection
- Corner posts for extra strength and style

WARRANTY*

- 5 year No Hassle Replacement™ limited warranty
- 5 year parts limited warranty (including compressor and coil)
 - With timely registration, an additional 5 year parts limited warranty (including compressor and coil)

* Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.



TSTAT0101SC



This product has been designed and manufactured to meet ENERGY STAR criteria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow the manufacturer's refrigerant charging and air flow instructions. Failure to confirm proper charge and airflow may reduce energy efficiency and shorten equipment life.

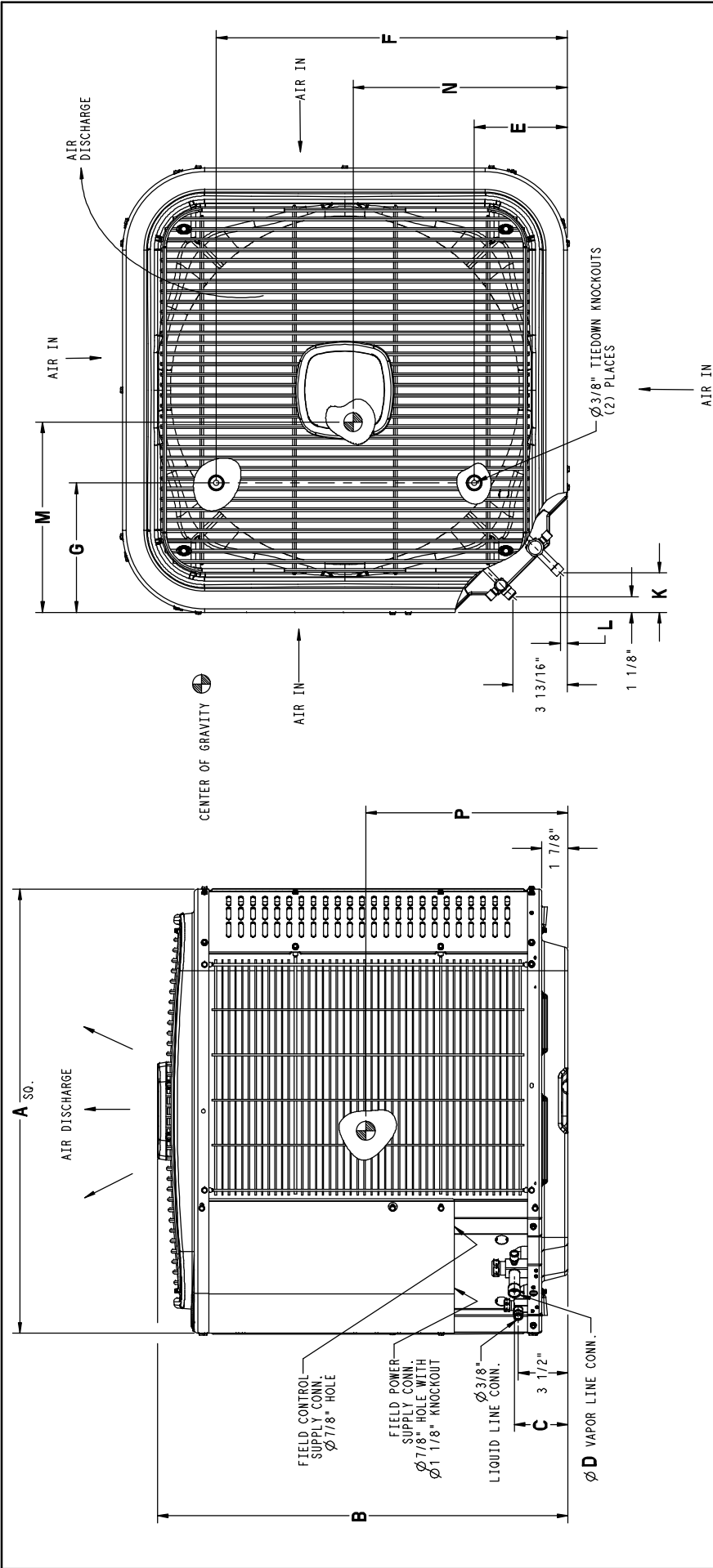


Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

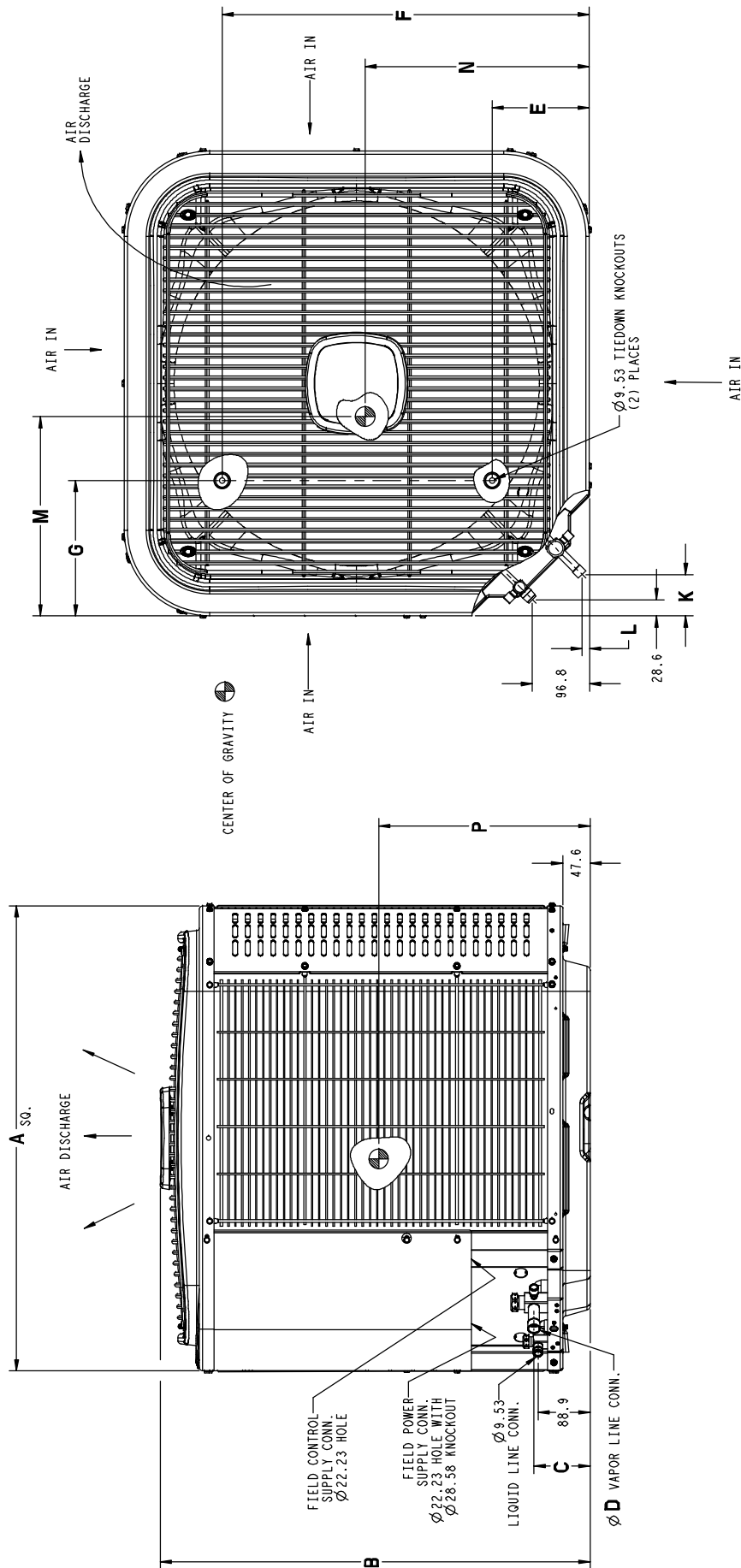
Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight lbs. (kg)
TSH518GKA	1½	18,000	11.8	20	28-11/16 x 31-3/16 x 31-3/16 (729 x 793 x 793)	219 / 184 (99 / 84)
TSH524GKA	2	24,000	16.5	25	33-1/2 x 35 x 35 (850 x 889 x 889)	257 / 215 (117 / 96)
TSH530GKA	2½	30,000	18.1	30	33-1/2 x 35 x 35 (850 x 889 x 889)	259 / 218 (117 / 99)
TSH536GKA	3	36,000	22.1	35	36-7/8 x 35 x 35 (937 x 889 x 889)	273 / 230 (124 / 104)
TSH542GKA	3½	42,000	27.6	40	30-1/16 x 35 x 35 (764 x 889 x 889)	305 / 263 (138 / 119)
TSH548GKA	4	48,000	28.5	40	33-1/2 x 35 x 35 (850 x 889 x 889)	323 / 279 (147 / 127)
TSH560GKA	5	60,000	34.2	50	40-1/4 x 35 x 35 (1023 x 889 x 889)	357 / 314 (162 / 142)

OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (single phase)											
Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	T	S	H	5	18	G	K	A	1	0	0
T = Tempstar Mainline											
N = Tempstar Entry BRANDING											
S = Single stage communicating											
KEY CHARACTERISTIC											
A = Air Conditioner											
H = Heat Pump TYPE											
3 = 13 SEER											
4 = 14 SEER											
5 = 15 SEER											
6 = 16 SEER											
7 = 17 SEER											
8 = 18 SEER NOMINAL EFFICIENCY											
18 = 18,000 BTUH = 1-1/2 tons											
24 = 24,000 BTUH = 2 tons											
30 = 30,000 BTUH = 2-1/2 tons											
36 = 36,000 BTUH = 3 tons											
42 = 42,000 BTUH = 3-1/2 tons											
48 = 48,000 BTUH = 4 tons											
60 = 60,000 BTUH = 5 tons NOMINAL CAPACITY											
A = Standard Grille											
G = Coil Guard Grille											
C = Coastal FEATURES											
K = 208/230-1-60 VOLTAGE											
Sales Code											
Engineering Revision											
Extra Digit											
Extra Digit											

ACCESSORIES PART NUMBER IDENTIFICATION GUIDE									
Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11	
Example Part Number:	N	A	S	A	0	0 1	01	CH	
N = Non-Branded									
A = Accessory PRODUCT GROUP									
S = Split System (AC & HP) KIT USAGE									
A = Original									
B = 2nd Generation MAJOR SERIES									
0 = Generic or Not Applicable									
2 = R-22									
4 = R-410A REFRIGERANT									
Product Identifier Number									
Package Quantity									
Type of Kit (Example: CH = Crankcase Heater)									



Model TSH5	Dimensions Inches (English)												Crated Dimensions h x w x d
	A	B	C	D	E	F	G	K	L	M	N	P	Minimum Mounting Pad Size
18	31-3/16	28-11/16	3-3/4	5/8	6-9/16	24-11/16	9-1/8	2-13/16	1/2	16	15	14	31-1/2x31-1/2
24	35	33-1/2	3-3/4	5/8	6-9/16	28-7/16	9-1/8	2-13/16	1/2	15-3/4	16-3/4	16-1/2	35 x 35
30	35	33-1/2	3-3/4	3/4	6-9/16	28-7/16	9-1/8	2-13/16	1/2	16-1/4	16	15-1/2	35 x 35
36	35	36-7/8	3-3/4	3/4	6-9/16	28-7/16	9-1/8	2-13/16	1/2	15-3/4	16-3/4	17	35 x 35
42	35	30-1/16	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17	16-3/4	14-3/4	35 x 35
48	35	30-1/16	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	16-3/4	16-1/4	14	35 x 35
60	35	40-1/4	3-7/8	7/8	6-9/16	28-7/16	9-1/8	2-15/16	5/8	17-1/4	16-1/4	18-1/4	35 x 35



Model TSH5	Dimensions mm (SI Metric)												Crated Dimensions h x w x d
	A	B	C	D	E	F	G	K	L	M	N	P	
18	793	729	96	16	167	627	232	71	13	406	381	356	800 x 800
24	889	850	96	16	167	722	232	71	13	400	426	419	889 x 889
30	889	850	96	19	167	722	232	71	13	413	406	394	889 x 889
36	889	937	96	19	167	722	232	71	13	400	426	432	889 x 889
42	889	764	98	22	167	722	232	75	16	432	426	375	889 x 889
48	889	764	98	22	167	722	232	75	16	426	413	356	889 x 889
60	889	1023	98	22	167	722	232	75	16	438	413	464	889 x 889

PHYSICAL DATA							
Model Size	18	24	30	36	42	48	60
Nominal Cooling Capacity (BTU/hr)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Nominal SEER	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Compressor Type	Scroll						
REFRIGERANT	R-410A						
Control	TXV (R-410A Hard Shutoff)						
Charge lb (Kg)	5.6 (2.54)	7.6 (3.45)	7.0 (3.18)	7.4 (3.36)	8.9 (4.04)	9.6 (4.35)	12.5 (5.67)
COND FAN	Propeller Type, Direct Drive						
Air Discharge	Vertical						
Air Qty (CFM)	2233	3223	3223	3810	3810	4046	4046
Motor HP	1/12	1/12	1/12	1/5	1/5	1/4	1/4
Motor RPM	800	800	800	800	800	800	800
COND COIL							
Face Area (Sq ft)	15.07	20.09	20.09	22.61	17.58	20.10	25.12
Fins per In.	20	20	20	20	20	20	20
Rows	1	1	1	1	2	2	2
Circuits	4	5	5	6	7	7	9
VALVE CONNECT. (In. ID)							
Vapor	5/8	5/8	3/4	3/4	7/8	7/8	7/8
Liquid	3/8						
REFRIGERANT TUBES (In. OD)							
Rated Vapor*	5/8	5/8	3/4	3/4	7/8	7/8	1-1/8
Liquid	3/8"						

*Units are rated with 25 ft (7.6 m) of lineset length. See *Vapor Line Sizing and Cooling Capacity Loss* table when using other sizes and lengths of lineset.
Note: See unit Installation Instruction for proper installation.

ELECTRICAL DATA (208/230-1-60, voltage range 197V – 253V)												
Unit Size	V/PH	Operating Volts*		Compr		Fan		Min Wire Size†	Min Wire Size†	Max Length ft (m)‡	Max Length ft (m)‡	Max Fuse** or Ckt Brk Amps
		MAX	MIN	LRA	RLA	FLA		MCA	60° C	75° C	60° C	
18	208/230/1	253	197	48.0	9.00	0.5	11.8	14	14	66 (20.1)	62 (20.7)	20
24				58.3	12.80	0.5	16.5	14	14	46 (14.0)	44 (13.4)	25
30				73.0	14.10	0.5	18.1	14	14	44 (13.4)	42 (12.8)	30
36				79.0	16.70	1.2	22.1	12	12	57 (17.4)	54 (16.5)	35
42				109.0	21.10	1.2	27.6	10	10	71 (21.6)	68 (20.7)	40
48				117.0	21.80	1.2	28.5	10	10	69 (21.0)	66 (20.1)	40
60				134.0	26.40	1.2	34.2	8	10	91 (27.7)	56 (17.1)	50

* Permissible limits of the voltage range at which the unit will operate satisfactorily

† If wire is applied at ambient greater than 30°C, consult table 310-16 of the NEC (NFPA 70). The ampacity of non-metallic-sheathed cable (NM), trade name ROMEX, shall be that of 60°C conditions, per the NEC (NFPA 70) Article 336-26. If other than uncoated (no-plated), 60 or 75°C insulation, copper wire (solid wire for 10 AWG or smaller, stranded wire for larger than 10 AWG) is used, consult applicable tables of the NEC (NFPA 70).

‡ Length shown is as measured 1 way along wire path between unit and service panel for voltage drop not to exceed 2%.

** Time-Delay fuse.

FLA – Full Load Amps

LRA – Locked Rotor Amps

MCA – Minimum Circuit Amps

RLA – Rated Load Amps

NOTE: Control circuit is 24-V on all units and requires external power source. Copper wire must be used from service disconnect to unit. All motors/compressors contain internal overload protection.

Complies with 2010 requirements of ASHRAE Standards 90.1

A-WEIGHTED SOUND LEVEL (dBA)

Unit Size	Standard Rating (dBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment)						
		125	250	500	1000	2000	4000	8000
18	71	57.0	57.0	64.0	66.5	61.5	58.5	50.0
24	69	49.5	58.5	61.5	62.0	61.0	58.5	51.5
30	69	50.5	58.5	61.5	64.0	61.5	58.5	51.5
36	70	54.5	57.5	63.0	66.0	64.0	61.0	54.0
42	72	56.5	64.5	66.5	66.5	64.5	61.0	54.5
48	72	58.5	63.0	65.5	67.0	63.5	60.0	52.0
60	71	52.5	61.0	64.0	65.5	62.5	61.0	56.5

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI).

VAPOR LINE SIZING AND COOLING CAPACITY LOSS

Acceptable vapor line diameters provide adequate oil return to the compressor while avoiding excessive capacity loss. The suction line diameters shown in the chart below are acceptable for HP systems with R-410A refrigerant:

Vapor Line Sizing and Cooling Capacity Losses - R-410A Refrigerant 1- Stage Heat Pump Applications

Unit Nominal Size (Btuh)	Maximum Liquid Line Diameters (In. OD)	Vapor Line Diameters (In. OD)	Cooling Capacity Loss (%) Total Equivalent Line Length ft. (m)								
			Standard Application		Long Line Application Requires Accessories						
			26-50 (7.9-15.2)	51-80 (15.5-24.4)	81-100 (24.7-30.5)	101-125 (30.8-38.1)	126-150 (38.4-45.7)	151-175 (46.0-50.3)	176-200 (53.6-60.0)	201-225 (61.3-68.6)	226-250 (68.9-76.2)
18,000 1-Stage HP with R-410A	3/8	1/2	1	2	3	4	6	7	8	9	10
		5/8	0	0	1	1	1	2	2	3	3
24,000 1-Stage HP with R-410A	3/8	5/8	0	1	1	2	3	3	4	4	5
		3/4	0	0	0	0	1	1	1	1	1
30,000 1-Stage HP with R-410A	3/8	5/8	1	2	3	3	4	5	6	7	8
		3/4	0	0	1	1	1	2	2	2	3
		7/8	0	0	0	0	1	1	1	1	1
36,000 1-Stage HP with R-410A	3/8	5/8	1	2	4	5	6	7	9	10	11
		3/4	0	0	1	1	2	2	3	3	4
		7/8	0	0	0	0	1	1	1	1	2
42,000 1-Stage HP with R-410A	3/8	3/4	0	1	2	2	3	4	4	5	6
		7/8	0	0	1	1	1	2	2	2	3
48,000 1-Stage HP with R-410A	3/8	3/4	0	1	2	3	4	5	5	6	7
		7/8	0	0	1	1	2	2	2	3	3
60,000 1-Stage HP with R-410A	3/8	3/4	1	2	4	5	6	7	9	10	11
		7/8	0	1	2	2	3	4	4	5	5
		1-1/8	0	0	0	1	1	1	1	1	1

Standard Length = 80 ft. (24.4 m) or less total equivalent length

Applications in this area are long line. Accessories are required as shown recommended on Long Line Application Guidelines

Applications in this area may have height restrictions that limit allowable total equivalent length, when outdoor unit is below indoor unit. See Long Line Application Guidelines

REFRIGERANT PIPING LENGTH LIMITATIONS

Maximum Line Lengths:

The maximum allowable total equivalent length for heat pumps varies depending on the vertical separation. See the tables below for allowable lengths depending on whether the outdoor unit is on the same level, above or below the indoor unit.

Maximum Line Lengths for Heat Pump Applications			
	MAXIMUM ACTUAL LENGTH ft (m)	MAXIMUM EQUIVALENT LENGTH† ft (m)	MAXIMUM VERTICAL SEPARATION ft (m)
Units on equal level	200 (61)	250 (76.2)	N/A
Outdoor unit ABOVE indoor unit	200 (61)	250 (76.2)	200 (61)
Outdoor unit BELOW indoor unit	See Table 'Maximum Total Equivalent Length: Outdoor Unit BELOW Indoor Unit'		

† Total equivalent length accounts for losses due to elbows or fitting. See the Long Line Guideline for details.

Maximum Total Equivalent Length† – Outdoor Unit BELOW Indoor Unit								
Unit Size	Liquid Line Dia- meter w/ TXV	HP with R-410A Refrigerant – Maximum Total Equivalent Length† Vertical Separation ft (m) Outdoor unit BELOW indoor unit;						
		0–20 (0 – 6.1)	21–30 (6.4 – 9.1)	31–40 (9.4 – 12.2)	41–50 (12.5 – 15.2)	51–60 (15.5 – 18.3)	61–70 (18.6 – 21.3)	71–80 (21.6 – 24.4)
18 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
24 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
30 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
36 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	250*
42 HP with R-410A	3/8	250*	250*	250*	250*	250*	250*	150
48 HP with R-410A	3/8	250*	250*	250*	250*	230	160	--
60 HP with R-410A	3/8	250*	225*	190	150	110	--	--

* Maximum actual length not to exceed 200 ft (61 m)

† Total equivalent length accounts for losses due to elbows or fitting. See the Long Line Guideline for details.

-- = outside acceptable range

LONG LINE APPLICATIONS

An application is considered Long Line when the refrigerant level in the system requires the use of accessories to maintain acceptable refrigerant management for systems reliability. Defining a system as long line depends on the liquid line diameter, actual length of the tubing, and vertical separation between the indoor and outdoor units.

For Heat Pump systems, the chart below shows when an application is considered Long Line. Beyond these lengths, long line accessories are required:

HP WITH R-410A REFRIGERANT LONG LINE DESCRIPTION ft (m)			
Beyond these lengths, long line accessories are required			
Liquid Line Size	Units On Same Level	Outdoor Below Indoor	Outdoor Above Indoor
3/8	80 (24.4)	20 (6.1) vertical or 80 (24.4) total	80 (24.4)

Note: See Long Line Guideline for details

CHARGING SUBCOOLING (TXV-TYPE EXPANSION DEVICE)	
UNIT SIZE	REQUIRED SUBCOOLING °F (°C)
18	12 (6.7)
24	14 (7.8)
30	10 (5.6)
36	10 (5.6)
42	10 (5.6)
48	13 (7.2)
60	11 (6.1)

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP
						W/ field	W/ field					
						TDR	TXV					HSPF
TSH518GKA	*FXM4X18**A*		TDR&TXV	18100	15			12.5	17700	3.86	10600	2.56
	FCM4X24****		TDR&TXV	17900	15			12.5	17400	3.8	10400	2.52
	FEA4X18**A*		TDR&TXV	17700	14			12	17600	3.72	10700	2.48
	FEA4X24**A*		TDR&TXV	18000	14.5			12.5	17600	3.82	10600	2.54
	FEM4P18**A*		TDR	17700			14	12	17600	3.74	10600	2.48
	FEM4P24**A*		TDR	17700			14	12	17600	3.74	10600	2.48
	FEM4X18****		TDR&TXV	17700	14			12	17600	3.74	10600	2.48
	FEM4X24****		TDR&TXV	17900	14.5			12.2	17600	3.78	10600	2.52
	FS(M,U)4P18**A*		TDR	17600			13.5	11.5	17900	3.62	10900	2.42
	FS(M,U)4P24**A*		TDR	17700			13.5	11.5	17900	3.64	11000	2.42
	FSA4X24**A*		TDR&TXV	17500	13			11	18100	3.54	11100	2.36
	FVM4X24****		TDR&TXV	17900	15			12.5	17400	3.8	10400	2.52
	FXM4X24**A*		TDR&TXV	18100	14.5			12.6	17700	3.86	10600	2.54
	EA*4X18*14A*	*8MV*0701412**	TDR&TXV	17200	14			12	17100	3.54	10300	2.42
	EA*4X18*14A*	*8MX*0451408**	TDR&TXV	17400	14			12	17400	3.64	10500	2.46
	EA*4X18*14A*	*9MV*0401410A**	TDR&TXV	17200	13.7			11.5	17400	3.54	10500	2.4
	EA*4X18*14A*	*9MV*0401410A**	TDR&TXV	17100	13.7			11.5	17200	3.5	10400	2.38
	EA*4X18*14A*	MV08B15**B*	TDR&TXV	17400	14.5			12.2	17200	3.64	10300	2.48
	EA*4X18*14A*	*8MPV050	TDR&TXV	17700	14			11.7	17700	3.74	10800	2.48
	EA*4X24*14A*	*8MV*0701412**	TDR&TXV	17500	14.5			12.2	17300	3.66	10400	2.46
	EA*4X24*14A*	*8MX*0451408**	TDR&TXV	17900	14.5			12.5	17600	3.8	10600	2.52
	EA*4X24*14A*	*9MV*0401410A**	TDR&TXV	17600	14			12	17600	3.68	10700	2.46
	EA*4X24*14A*	*9MX*0401410A**	TDR&TXV	17500	14.2			11.8	17400	3.62	10500	2.44
	EA*4X24*14A*	MV08B15**B*	TDR&TXV	17700	14.5			12.5	17300	3.78	10400	2.52
	EA*4X24*14A*	*8MPV050	TDR&TXV	18100	14.5			12.2	17900	3.88	10900	2.54
	EA*4X24*14A*		TXV	17600		13		11	18100	3.58	11100	2.38
	EA*4X24*17A*	*8MV*0901716**	TDR&TXV	17600	14.5			12.2	17300	3.7	10400	2.48
	EA*4X24*17A*	*9MA*0601714A**	TDR&TXV	17500	14.5			12.2	17300	3.68	10400	2.48
	EA*4X24*17A*	*9MA*0801714A**	TDR&TXV	17500	14.5			12.2	17200	3.66	10400	2.46
	EA*4X24*17A*	*9MV*0401410A**	TDR&TXV	17700	14			11.7	17600	3.7	10700	2.46
	EA*4X24*17A*	*9MV*0601714A**	TDR&TXV	17900	14.5			12	17600	3.82	10600	2.52
	EA*4X24*17A*	*9MV*0801716A**	TDR&TXV	18000	14.5			12.2	17700	3.88	10600	2.56
	EA*4X24*17A*	*9MX*0401410A**	TDR&TXV	17500	14			12	17400	3.64	10500	2.44
	EA*4X24*17A*	MV08B15**B*	TDR&TXV	17700	15			12.5	17300	3.78	10400	2.52
	EA*4X24*17A*	*8MPV050	TDR&TXV	18200	14.5			12.2	18000	3.9	10900	2.56

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP	
						TDR	W/ field TXV						
TSH518GKA	EA*4X24*17A*	*9MPV050	TDR&TXV	18300	14.5			12.2	18000	3.92	10900	2.56	8.5
	EA*4X24*17A*	OLV098A12A	TDR&TXV	17900	14.5			12.5	17600	3.8	10600	2.52	8.2
	EA*4X24*17A*	OMV098J12A	TDR&TXV	18000	14.5			12.5	17700	3.86	10700	2.54	8.5
	EA*4X24*17A*		TXV	17600		13		11	18100	3.58	11100	2.38	7.8
	ED*4X18B**	*8MV*0701412**	TDR&TXV	17200	14			12	17100	3.54	10300	2.42	7.8
	ED*4X18B**	*8MX*0451408**	TDR&TXV	17400	14			12	17400	3.64	10500	2.46	8
	ED*4X18B**	*9MV*0401410A**	TDR&TXV	17200	13.5			11.7	17400	3.54	10500	2.4	7.8
	ED*4X18B**	*9MX*0401410A**	TDR&TXV	17100	13.7			11.7	17200	3.5	10400	2.38	7.8
	ED*4X18B**	MV08B15**B*	TDR&TXV	17400	14.5			12.2	17200	3.64	10300	2.48	8
	ED*4X18B**	*8MPV050	TDR&TXV	17700	14			11.7	17700	3.74	10800	2.48	8.2
	ED*4X24B**	*8MV*0701412**	TDR&TXV	17500	14.5			12.2	17300	3.66	10400	2.46	8
	ED*4X24B**	*8MX*0451408**	TDR&TXV	17900	14.5			12.2	17600	3.8	10600	2.52	8.2
	ED*4X24B**	*9MV*0401410A**	TDR&TXV	17600	14			11.7	17600	3.68	10700	2.46	8
	ED*4X24B**	*9MX*0401410A**	TDR&TXV	17500	14			12	17400	3.62	10500	2.44	8
	ED*4X24B**	MV08B15**B*	TDR&TXV	17700	14.5			12.5	17300	3.78	10400	2.52	8.2
	ED*4X24B**	*8MPV050	TDR&TXV	18100	14.5			12.2	17900	3.88	10900	2.54	8.5
	ED*4X24F**	*8MV*0901716**	TDR&TXV	17600	14.5			12.2	17300	3.7	10400	2.48	8.2
	ED*4X24F**	*9MA*0601714A**	TDR&TXV	17500	14.5			12.2	17300	3.68	10400	2.48	8.2
	ED*4X24F**	*9MA*0602120A**	TDR&TXV	17600	14.5			12.2	17400	3.7	10500	2.48	8.2
	ED*4X24F**	*9MA*0801714A**	TDR&TXV	17500	14.5			12.2	17200	3.66	10400	2.46	8
	ED*4X24F**	*9MV*0601714A**	TDR&TXV	17900	14.5			12.2	17600	3.82	10600	2.52	8.2
	ED*4X24F**	*9MV*0801716A**	TDR&TXV	18000	14.5			12.5	17700	3.88	10600	2.56	8.5
	ED*4X24F**	*9MV*0802120A**	TDR&TXV	18200	14.5			12.5	17900	3.96	10800	2.6	8.5
	ED*4X24F**	*9MV*1002120A**	TDR&TXV	18200	14.5			12.5	17900	4	10800	2.6	8.5
	ED*4X24F**	MV08B15**B*	TDR&TXV	17700	15			12.5	17300	3.78	10400	2.52	8.2
	ED*4X24F**	*8MPV050	TDR&TXV	18200	14.5			12.2	18000	3.9	10900	2.56	8.5
	ED*4X24F**	*9MPV050	TDR&TXV	18300	14.5			12.2	18000	3.92	10900	2.56	8.5
	ED*4X24F**	*9MV*1002116A**	TDR&TXV	18100	14.5			12.5	17800	3.9	10700	2.56	8.5
	ED*4X24F**	OLV098A12A	TDR&TXV	17900	14.5			12.2	17600	3.8	10600	2.52	8.2
	ED*4X24F**	OMV098J12A	TDR&TXV	18000	14.5			12.2	17700	3.86	10700	2.54	8.5
	EHD4X24A**	*8MV*0701412**	TDR&TXV	17600	14.5			12.2	17400	3.68	10400	2.48	8.2
	EHD4X24A**	*8MV*0901716**	TDR&TXV	17700	14.5			12.2	17400	3.72	10500	2.48	8.2
	EHD4X24A**	*8MX*0451408**	TDR&TXV	17900	14.5			12.2	17600	3.78	10600	2.5	8.2
	EHD4X24A**	*9MA*0601714A**	TDR&TXV	17700	14.5			12.2	17400	3.7	10500	2.48	8.2
	EHD4X24A**	*9MA*0602120A**	TDR&TXV	17800	14.5			12.2	17500	3.72	10500	2.48	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						W/ field TDR	W/ field TXV							
TSH518GKA	EHD4X24A**	*9MA*0801714A**	TDR&TXV	17600	14.5			12.2	17300	3.68	10400	2.48	8.2	
	EHD4X24A**	*9MV*0401410A**	TDR&TXV	17700	14			11.7	17600	3.66	10600	2.44	8	
	EHD4X24A**	*9MV*0601714A**	TDR&TXV	17700	14.5			12.2	17400	3.7	10500	2.48	8.2	
	EHD4X24A**	*9MV*0801716A**	TDR&TXV	17800	14.5			12.2	17500	3.76	10500	2.5	8.2	
	EHD4X24A**	*9MV*0802120A**	TDR&TXV	18000	14.5			12.5	17700	3.84	10600	2.54	8.2	
	EHD4X24A**	*9MV*1002120A**	TDR&TXV	18000	14.5			12.5	17700	3.88	10700	2.54	8.2	
	EHD4X24A**	*9MV*1202422A**	TDR&TXV	18100	14.5			12.2	17700	3.84	10600	2.54	8.2	
	EHD4X24A**	*9MX*0401410A**	TDR&TXV	17500	14			12	17400	3.6	10500	2.42	8	
	EHD4X24A**	MV08B15**B*	TDR&TXV	17900	15			12.5	17400	3.8	10500	2.52	8.2	
	EHD4X24A**	*8MPV050	TDR&TXV	18200	14.5			12.2	18000	3.88	10900	2.54	8.5	
	EHD4X24A**	*9MPV050	TDR&TXV	18300	14			12.2	18000	3.9	10900	2.54	8.5	
	EHD4X24A**	*9MPV075	TDR&TXV	18200	14			12	18000	3.88	10900	2.52	8.5	
	EHD4X24A**	*9MV*1002116A**	TDR&TXV	18000	14.5			12.2	17600	3.8	10600	2.52	8.2	
	EHD4X24A**	*9MVX040	TDR&TXV	18300	14			12.2	18100	3.9	11000	2.54	8.5	
	EHD4X24A**	*9MVX060	TDR&TXV	18300	14			12.2	18100	3.9	10900	2.54	8.5	
	EHD4X24A**	OLV098A12A	TDR&TXV	18000	14.5			12.2	17700	3.82	10700	2.52	8.2	
	EHD4X24A**	OMV098J12A	TDR&TXV	18200	14.5			12.2	17900	3.88	10800	2.54	8.5	
	EHD4X24A**		TXV	17800			13	11.2	18200	3.64	11200	2.4	8	
	EN(A,D)4X18*14**	*8MV*0701412**	TDR&TXV	17400	14			12	17300	3.64	10400	2.46	8	
	EN(A,D)4X18*14**	*8MX*0451408**	TDR&TXV	17600	14			12	17500	3.7	10500	2.48	8	
	EN(A,D)4X18*14**	*9MV*0401410A**	TDR&TXV	17300	13.7			11.5	17500	3.58	10600	2.42	8	
	EN(A,D)4X18*14**	*9MX*0401410A**	TDR&TXV	17200	13.7			11.5	17300	3.54	10400	2.4	7.8	
	EN(A,D)4X18*14**	MV08B15**B*	TDR&TXV	17600	14.5			12.2	17400	3.74	10400	2.5	8.2	
	EN(A,D)4X18*14**	*8MPV050	TDR&TXV	17800	14			12	17800	3.78	10800	2.5	8.2	
	EN(A,D)4X18*14**		TXV	17500			13	11	18100	3.58	11100	2.38	7.8	
	EN(A,D)4X19*17**	*8MV*0901716**	TDR&TXV	17700	14.5			12.5	17400	3.76	10400	2.5	8.2	
	EN(A,D)4X19*17**	*9MA*0601714A**	TDR&TXV	17700	14.5			12.2	17500	3.76	10500	2.5	8.2	
	EN(A,D)4X19*17**	*9MA*0801714A**	TDR&TXV	17600	14.5			12.2	17400	3.74	10400	2.5	8.2	
	EN(A,D)4X19*17**	*9MV*0401410A**	TDR&TXV	17800	14.2			12	17700	3.78	10700	2.48	8.2	
	EN(A,D)4X19*17**	*9MV*0601714A**	TDR&TXV	18100	14.5			12.5	17800	3.92	10700	2.56	8.5	
	EN(A,D)4X19*17**	*9MV*0801716A**	TDR&TXV	18200	15			12.5	17800	3.98	10700	2.58	8.5	
	EN(A,D)4X19*17**	*9MX*0401410A**	TDR&TXV	17600	14			12	17600	3.72	10600	2.48	8.2	
	EN(A,D)4X19*17**	*8MPV050	TDR&TXV	18400	14.5			12.2	18100	4	10900	2.58	8.5	
	EN(A,D)4X19*17**	*9MPV050	TDR&TXV	18500	14.5			12.2	18200	4.02	11000	2.58	8.5	
	EN(A,D)4X19*17**	OLV098A12A	TDR&TXV	18000	14.5			12.5	17700	3.9	10600	2.56	8.5	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF	
				Capacity BTU/hr	SEER			BTU/hr	COP	BTU/hr	COP		
					Standard	W/ field TDR	W/ field TXV						EER
TSH518GKA	EN(A,D)4X19*17**	OMV098J12A	TDR&TXV	18200	14.5			12.5	17900	3.96	10700	2.56	8.5
	EN(A,D)4X19*17**		TXV	17800			13	11.2	18200	3.64	11200	2.4	8
	EN(A,D)4X24*14**	*8MV*0701412**	TDR&TXV	17500	14.5			12.2	17300	3.7	10400	2.48	8.2
	EN(A,D)4X24*14**	*8MX*0451408**	TDR&TXV	17800	14.5			12.2	17600	3.8	10600	2.52	8.2
	EN(A,D)4X24*14**	*9MV*0401410A**	TDR&TXV	17600	14			11.7	17600	3.7	10700	2.46	8
	EN(A,D)4X24*14**	*9MX*0401410A**	TDR&TXV	17400	14			11.7	17400	3.64	10500	2.44	8
	EN(A,D)4X24*14**	MV08B15**B*	TDR&TXV	17800	14.5			12.5	17400	3.8	10400	2.52	8.2
	EN(A,D)4X24*14**	*8MPV050	TDR&TXV	18100	14			12.2	18000	3.9	10900	2.54	8.2
	EN(A,D)4X24*14**		TXV	17600			13	11	18200	3.62	11200	2.38	8
	EN(A,D)4X24*17**	*8MV*0901716**	TDR&TXV	17600	14.5			12.2	17400	3.72	10400	2.48	8.2
	EN(A,D)4X24*17**	*9MA*0601714A**	TDR&TXV	17600	14.5			12.2	17400	3.7	10500	2.48	8.2
	EN(A,D)4X24*17**	*9MA*0801714A**	TDR&TXV	17500	14.5			12	17300	3.68	10400	2.48	8.2
	EN(A,D)4X24*17**	*9MV*0401410A**	TDR&TXV	17600	14			11.7	17600	3.7	10700	2.46	8
	EN(A,D)4X24*17**	*9MV*0601714A**	TDR&TXV	17700	14.5			12	17500	3.78	10500	2.5	8.2
	EN(A,D)4X24*17**	*9MV*0801716A**	TDR&TXV	17900	14.5			12.2	17600	3.82	10600	2.52	8.2
	EN(A,D)4X24*17**	*9MX*0401410A**	TDR&TXV	17400	14			11.7	17400	3.64	10500	2.44	8
	EN(A,D)4X24*17**	MV08B15**B*	TDR&TXV	17800	14.5			12.5	17400	3.8	10400	2.52	8.2
	EN(A,D)4X24*17**	*8MPV050	TDR&TXV	18100	14			12.2	18000	3.9	10900	2.54	8.5
	EN(A,D)4X24*17**	*9MPV050	TDR&TXV	18200	14			12	18100	3.9	10900	2.54	8.5
	EN(A,D)4X24*17**	*9MPV075	TDR&TXV	18100	14			12	18000	3.9	10900	2.54	8.5
	EN(A,D)4X24*17**	*9MVX040	TDR&TXV	18200	14			12	18100	3.9	11000	2.54	8.5
	EN(A,D)4X24*17**	*9MVX060	TDR&TXV	18200	14			12	18100	3.92	10900	2.54	8.5
	EN(A,D)4X24*17**	OLV098A12A	TDR&TXV	17900	14.5			12.2	17700	3.82	10600	2.52	8.5
	EN(A,D)4X24*17**	OMV098J12A	TDR&TXV	18000	14.5			12.2	17800	3.88	10700	2.54	8.2
	EN(A,D)4X24*17**		TXV	17600			13	11	18200	3.62	11200	2.38	8
	ENH4X24*17**	*8MV*0701412**	TDR&TXV	17500	14.5			12.2	17300	3.7	10400	2.48	8.2
	ENH4X24*17**	*8MV*0901716**	TDR&TXV	17600	14.5			12.2	17400	3.72	10400	2.48	8.2
	ENH4X24*17**	*8MX*0451408**	TDR&TXV	17800	14.5			12.2	17600	3.8	10600	2.52	8.2
	ENH4X24*17**	*9MA*0601714A**	TDR&TXV	17600	14.5			12.2	17400	3.7	10500	2.48	8.2
	ENH4X24*17**	*9MA*0801714A**	TDR&TXV	17500	14.5			12.2	17300	3.68	10400	2.48	8.2
	ENH4X24*17**	*9MV*0401410A**	TDR&TXV	17600	14			11.7	17600	3.7	10700	2.46	8
	ENH4X24*17**	*9MV*0601714A**	TDR&TXV	17700	14.5			12	17500	3.78	10500	2.5	8.2
	ENH4X24*17**	*9MV*0801716A**	TDR&TXV	17900	14.5			12.2	17600	3.82	10600	2.52	8.2
	ENH4X24*17**	*9MV*1202422A**	TDR&TXV	18100	14.5			12.2	17800	3.9	10700	2.56	8.5
	ENH4X24*17**	*9MX*0401410A**	TDR&TXV	17400	14			11.7	17400	3.64	10500	2.44	8

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)			Heat 17°F (-8.3°C)		
					SEER				EER	BTU/hr	COP	BTU/hr	COP	BTU/hr	HSPF
					Standard	W/ field	TDR	W/ field							
TSH518GKA	ENH4X24*17**	MV08B15**B*	TDR&TXV	17800	14.5				12.5	17400	3.8	10400	2.52	10400	8.2
	ENH4X24*17**	*8MPV050	TDR&TXV	18100	14				12.2	18000	3.9	10900	2.54	10900	8.5
	ENH4X24*17**	*9MPV050	TDR&TXV	18200	14				12	18100	3.9	10900	2.54	10900	8.5
	ENH4X24*17**	*9MPV075	TDR&TXV	18100	14				12	18000	3.9	10900	2.54	10900	8.5
	ENH4X24*17**	*9MV*1002116A**	TDR&TXV	18000	14.5				12.2	17700	3.86	10600	2.54	10600	8.2
	ENH4X24*17**	*9MVX040	TDR&TXV	18200	14				12.2	18100	3.9	11000	2.54	11000	8.5
	ENH4X24*17**	*9MVX060	TDR&TXV	18200	14				12.2	18100	3.92	10900	2.54	10900	8.5
	ENH4X24*17**	OLV098A12A	TDR&TXV	17900	14.5				12.2	17700	3.82	10600	2.52	10600	8.5
	ENH4X24*17**	OMV098J12A	TDR&TXV	18000	14.5				12.2	17800	3.88	10700	2.54	10700	8.5
	ENH4X24*17**		TXV	17600			13		11	18200	3.62	11200	2.38	11200	8
2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.															

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models																
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Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)				Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP				
						TDR	W/ field						TXV			
														W/ field	TXV	
TSH524GKA	*FXM4X24**A*		TDR&TXV	24000	15				12.5	24800	3.92	14800	2.68	9		
	FCM4X24****		TDR&TXV	23800	15				12.5	24600	3.9	14200	2.66	8.5		
	FCM4X36****		TDR&TXV	24000	15.2				12.7	24000	3.92	14100	2.66	9		
	FEA4X24**A*		TDR&TXV	23800	14.5				12	24800	3.84	14600	2.6	8.5		
	FEA4X30**A*		TDR&TXV	23800	14.5				12	25000	3.82	14700	2.62	8.5		
	FEA4X36**A*		TDR&TXV	24200	14.5			14	12.2	25000	3.9	14900	2.68	8.7		
	FEM4P24**A*		TDR	23400				15	11.8	24800	3.76	14500	2.56	8.5		
	FEM4P30**A*		TDR	24000					12.5	24800	3.92	14700	2.68	8.7		
	FEM4X24****		TDR&TXV	23800	14.5				12	24800	3.82	14500	2.6	8.5		
	FEM4X30****		TDR&TXV	24000	15				12.5	24800	3.94	14700	2.68	8.7		
	FS(M,U)4P24**A*		TDR	23800				14	11.7	25000	3.76	14800	2.58	8.5		
	FS(M,U)4P30**A*		TDR	23800				13.7	11.5	25400	3.76	15200	2.58	8.5		
	FSA4X24**A*		TDR&TXV	23400	13				11	25400	3.62	15100	2.48	8.2		
	FSA4X30**A*		TDR&TXV	23400	13				11	25200	3.64	15000	2.48	8.2		
	FVM4X24****		TDR&TXV	23800	15				12.5	24600	3.9	14200	2.66	8.5		
	FVM4X36****		TDR&TXV	24000	15.2				12.7	24000	3.92	14100	2.66	9		
	FXM4X30**A*		TDR&TXV	24200	14.5				12.2	25000	3.92	14900	2.68	8.7		
	EA*4X24*14A*	*8MV*0701412**	TDR&TXV	23400	14.5				12.2	24400	3.74	14100	2.58	8.5		
	EA*4X24*14A*	*8MX*0451408**	TDR&TXV	23600	14.5				12.2	24600	3.8	14300	2.6	8.5		
	EA*4X24*14A*	*9MV*0401410A**	TDR&TXV	23200	14				11.5	24800	3.66	14500	2.5	8.2		
	EA*4X24*14A*	*9MX*0401410A**	TDR&TXV	23600	13.7				11.2	25200	3.72	14900	2.54	8.5		
	EA*4X24*14A*	MV08B15**B*	TDR&TXV	23600	15				12.5	24400	3.86	14100	2.64	8.5		
	EA*4X24*14A*	*8MPV050	TDR&TXV	23800	14				11.7	25000	3.84	14900	2.62	8.5		
	EA*4X24*14A*		TXV	23400			13.2		11	25400	3.7	15300	2.54	8.5		
	EA*4X24*17A*	*8MV*0901716**	TDR&TXV	23400	15				12.5	24200	3.8	14000	2.6	8.5		
	EA*4X24*17A*	*9MA*0601714A**	TDR&TXV	23400	14.5				12	24400	3.76	14200	2.58	8.5		
	EA*4X24*17A*	*9MA*0801714A**	TDR&TXV	23200	14.5				12.2	24200	3.74	14000	2.56	8.5		
	EA*4X24*17A*	*9MV*0401410A**	TDR&TXV	23200	14				11.5	24800	3.68	14500	2.52	8.2		
	EA*4X24*17A*	*9MV*0601714A**	TDR&TXV	23400	14.5				12	24400	3.76	14100	2.58	8.5		
	EA*4X24*17A*	*9MV*0801716A**	TDR&TXV	23400	15				12.5	24400	3.8	14200	2.6	8.5		
	EA*4X24*17A*	*9MX*0401410A**	TDR&TXV	23600	13.5				11.5	25200	3.74	15100	2.56	8.5		
	EA*4X24*17A*	*9MX*0601714A**	TDR&TXV	23400	15				12.2	24400	3.78	14200	2.58	8.5		
	EA*4X24*17A*	MV08B15**B*	TDR&TXV	23600	15				12.5	24400	3.86	14100	2.64	8.5		
	EA*4X24*17A*	MV12F19**B*	TDR&TXV	23600	15.2				12.5	24400	3.88	14100	2.64	8.5		
	EA*4X24*17A*	*8MPV050	TDR&TXV	23800	14				12	25200	3.86	15000	2.64	8.5		

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						W/ field TDR	W/ field TXV							
TSH524GKA	EA*4X24*17A*	*8MPV075	TDR&TXV	24000	14.5			12.2	25000	3.94	14800	2.68	8.7	
	EA*4X24*17A*	*9MPV050	TDR&TXV	23600	14.5			12	24800	3.82	14400	2.6	8.5	
	EA*4X24*17A*	*9MPV075	TDR&TXV	23800	14.5			12	24800	3.84	14600	2.6	8.5	
	EA*4X24*17A*	OLV098A12A	TDR&TXV	23600	15			12.2	24600	3.84	14300	2.62	8.5	
	EA*4X24*17A*	OMV098J12A	TDR&TXV	23600	14.7			12.2	24600	3.82	14400	2.6	8.5	
	EA*4X24*17A*	OMV112K14A	TDR&TXV	23600	15			12.5	24400	3.82	14100	2.62	8.5	
	EA*4X24*17A*		TXV	23400		13.2		11.2	25400	3.7	15200	2.54	8.5	
	EA*4X30*14A*	*8MV*0701412**	TDR&TXV	23400	15			12.5	24400	3.78	14100	2.6	8.5	
	EA*4X30*14A*	*8MX*0451408**	TDR&TXV	23800	15			12.2	24600	3.84	14400	2.64	8.6	
	EA*4X30*14A*	*9MV*0401410A**	TDR&TXV	23400	14			11.7	24800	3.7	14500	2.54	8.2	
	EA*4X30*14A*	*9MX*0401410A**	TDR&TXV	23800	13.7			11.5	25200	3.74	15100	2.58	8.5	
	EA*4X30*14A*	MV08B15**B*	TDR&TXV	23800	15.2			12.5	24400	3.88	14200	2.66	8.5	
	EA*4X30*14A*	*8MPV050	TDR&TXV	24000	14			12	25200	3.88	15000	2.66	8.7	
	EA*4X30*14A*		TXV	23800		13.5		11.2	25400	3.72	15300	2.56	8.5	
	EA*4X30*17A*	*8MV*0901716**	TDR&TXV	23600	15			12.5	24400	3.82	14100	2.62	8.5	
	EA*4X30*17A*	*9MA*0601714A**	TDR&TXV	23600	14.5			12.2	24400	3.78	14200	2.6	8.5	
	EA*4X30*17A*	*9MA*0801714A**	TDR&TXV	23400	15			12.5	24200	3.76	14100	2.6	8.5	
	EA*4X30*17A*	*9MV*0401410A**	TDR&TXV	23400	14			11.7	24800	3.72	14600	2.56	8.5	
	EA*4X30*17A*	*9MV*0601714A**	TDR&TXV	23600	15			12.5	24600	3.82	14300	2.62	8.5	
	EA*4X30*17A*	*9MV*0801716A**	TDR&TXV	23800	15			12.5	24600	3.86	14300	2.64	8.5	
	EA*4X30*17A*	*9MX*0401410A**	TDR&TXV	23800	13.7			11.5	25200	3.76	15200	2.6	8.5	
	EA*4X30*17A*	*9MX*0601714A**	TDR&TXV	23800	15			12.5	24600	3.84	14300	2.62	8.5	
	EA*4X30*17A*	MV08B15**B*	TDR&TXV	23800	15.2			12.5	24400	3.9	14200	2.66	8.5	
	EA*4X30*17A*	MV12F19**B*	TDR&TXV	23800	15.2			12.5	24400	3.9	14100	2.66	8.5	
	EA*4X30*17A*	*8MPV050	TDR&TXV	24200	14.5			12	25200	3.9	15000	2.68	8.7	
	EA*4X30*17A*	*8MPV075	TDR&TXV	24400	15			12.5	25000	4	14900	2.72	9	
	EA*4X30*17A*	*9MPV050	TDR&TXV	23800	14.5			12.2	24800	3.86	14600	2.64	8.5	
	EA*4X30*17A*	*9MPV075	TDR&TXV	24000	14.5			12.2	25000	3.9	14800	2.68	8.7	
	EA*4X30*17A*	OLV098A12A	TDR&TXV	23800	15			12.5	24600	3.88	14300	2.64	8.5	
	EA*4X30*17A*	OMV098J12A	TDR&TXV	23800	15			12.5	24600	3.86	14400	2.64	8.5	
	EA*4X30*17A*	OMV112K14A	TDR&TXV	23800	15			12.5	24400	3.86	14200	2.64	8.5	
	EA*4X30*17A*		TXV	23800		13.5		11.2	25400	3.72	15300	2.56	8.5	
	ED*4X24B**	*8MV*0701412**	TDR&TXV	23400	14.5			12.2	24400	3.74	14100	2.58	8.2	
	ED*4X24B**	*8MX*0451408**	TDR&TXV	23600	14.5			12.2	24600	3.8	14300	2.6	8.5	
	ED*4X24B**	*9MV*0401410A**	TDR&TXV	23200	13.7			11.5	24800	3.66	14500	2.5	8.2	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP	
						TDR	W/ field TXV						
TSH524GKA	ED*4X24B**	*9MX*0401410A**	TDR&TXV	23600	13.5			11.2	25200	3.72	14900	2.54	8.2
	ED*4X24B**	MV08B15**B*	TDR&TXV	23600	15			12.5	24400	3.86	14100	2.64	8.5
	ED*4X24B**	*8MPV050	TDR&TXV	23800	14			11.7	25000	3.84	14900	2.62	8.5
	ED*4X24B**		TXV	23400		13.2		11.2	25400	3.7	15200	2.54	8.2
	ED*4X24F**	*8MV*0901716**	TDR&TXV	23400	15			12.5	24200	3.8	14000	2.6	8.5
	ED*4X24F**	*8MV*1102120**	TDR&TXV	23400	15			12.5	24400	3.78	14100	2.6	8.5
	ED*4X24F**	*9MA*0601714A**	TDR&TXV	23400	14.5			12.2	24400	3.76	14200	2.58	8.5
	ED*4X24F**	*9MA*0602120A**	TDR&TXV	23600	14.5			12.2	24400	3.8	14200	2.6	8.5
	ED*4X24F**	*9MA*0801714A**	TDR&TXV	23200	14.5			12.2	24200	3.74	14000	2.56	8.2
	ED*4X24F**	*9MA*0802120A**	TDR&TXV	23800	15			12.5	24600	3.86	14200	2.62	8.5
	ED*4X24F**	*9MA*1002122A**	TDR&TXV	24000	15			12.5	24600	3.88	14300	2.64	8.5
	ED*4X24F**	*9MV*0601714A**	TDR&TXV	23400	14.5			12.2	24400	3.76	14100	2.58	8.5
	ED*4X24F**	*9MV*0801716A**	TDR&TXV	23400	15			12.5	24400	3.8	14200	2.6	8.5
	ED*4X24F**	*9MV*0802120A**	TDR&TXV	23800	15			12.5	24400	3.84	14200	2.62	8.5
	ED*4X24F**	*9MV*1002120A**	TDR&TXV	24000	15			12.5	24600	3.88	14300	2.64	8.5
	ED*4X24F**	*9MX*0601714A**	TDR&TXV	23400	14.5			12.2	24400	3.78	14200	2.58	8.5
	ED*4X24F**	MV08B15**B*	TDR&TXV	23600	15			12.5	24400	3.86	14100	2.64	8.5
	ED*4X24F**	MV12F19**B*	TDR&TXV	23600	15.2			12.5	24400	3.88	14100	2.64	8.5
	ED*4X24F**	*8MPV050	TDR&TXV	23800	14			11.7	25200	3.86	15000	2.64	8.7
	ED*4X24F**	*8MPV075	TDR&TXV	24000	14.5			12.2	25000	3.94	14800	2.68	8.7
	ED*4X24F**	*9MA*1002120A**	TDR&TXV	23600	14.5			12.2	24600	3.84	14300	2.62	8.5
	ED*4X24F**	*9MPV050	TDR&TXV	23600	14.5			12	24800	3.82	14400	2.6	8.5
	ED*4X24F**	*9MPV075	TDR&TXV	23800	14.5			12	24800	3.84	14600	2.6	8.5
	ED*4X24F**	*9MV*1002116A**	TDR&TXV	23400	15			12.2	24200	3.76	14100	2.58	8.5
	ED*4X24F**	*9MVX040	TDR&TXV	23600	14.5			12	24800	3.82	14500	2.6	8.5
	ED*4X24F**	*9MVX060	TDR&TXV	23800	14.5			12	25000	3.88	14800	2.66	8.7
	ED*4X24F**	OLV098A12A	TDR&TXV	23600	14.5			12.2	24600	3.84	14300	2.62	8.5
	ED*4X24F**	OMV098J12A	TDR&TXV	23600	14.5			12.2	24600	3.82	14400	2.6	8.5
	ED*4X24F**	OMV112K14A	TDR&TXV	23600	15			12.5	24400	3.82	14100	2.62	8.5
	ED*4X24F**		TXV	23400		13.2		11.2	25400	3.7	15200	2.54	8.2
	ED*4X30B**	*8MV*0701412**	TDR&TXV	23400	15			12.5	24400	3.78	14100	2.6	8.5
	ED*4X30B**	*8MX*0451408**	TDR&TXV	23800	14.5			12.2	24600	3.84	14400	2.64	8.5
	ED*4X30B**	*9MV*0401410A**	TDR&TXV	23400	14			11.5	24800	3.7	14500	2.54	8.2
	ED*4X30B**	*9MX*0401410A**	TDR&TXV	23800	13.7			11.2	25200	3.74	15100	2.58	8.5
	ED*4X30B**	MV08B15**B*	TDR&TXV	23800	15.2			12.5	24400	3.88	14200	2.66	8.5

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						W/ field TDR	W/ field TXV							
TSH524GKA	ED*4X30B**	*8MPV050	TDR&TXV	24000	14			11.7	25200	3.88	15000	2.66	8.5	
	ED*4X30B**		TXV	23800		13.5		11.2	25400	3.72	15300	2.56	8.5	
	ED*4X30F**	*8MV*0901716**	TDR&TXV	23600	15			12.5	24400	3.82	14100	2.62	8.5	
	ED*4X30F**	*8MV*1102120**	TDR&TXV	23600	15			12.5	24400	3.82	14100	2.62	8.5	
	ED*4X30F**	*9MA*0601714A**	TDR&TXV	23600	14.5			12.2	24400	3.78	14200	2.6	8.5	
	ED*4X30F**	*9MA*0602120A**	TDR&TXV	23800	15			12.5	24400	3.82	14200	2.62	8.5	
	ED*4X30F**	*9MA*0801714A**	TDR&TXV	23400	15			12.5	24200	3.76	14100	2.6	8.5	
	ED*4X30F**	*9MA*0802120A**	TDR&TXV	24000	15			12.5	24600	3.9	14300	2.66	8.5	
	ED*4X30F**	*9MA*1002122A**	TDR&TXV	24200	15			12.5	24600	3.9	14300	2.66	8.8	
	ED*4X30F**	*9MV*0601714A**	TDR&TXV	23600	15			12.5	24600	3.82	14300	2.62	8.5	
	ED*4X30F**	*9MV*0801716A**	TDR&TXV	23800	15			12.5	24600	3.86	14300	2.64	8.5	
	ED*4X30F**	*9MV*0802120A**	TDR&TXV	24200	15			12.5	24600	3.92	14400	2.68	8.8	
	ED*4X30F**	*9MV*1002120A**	TDR&TXV	24400	15			12.5	24800	3.96	14600	2.72	9	
	ED*4X30F**	*9MX*0601714A**	TDR&TXV	23800	15			12.5	24600	3.84	14300	2.62	8.5	
	ED*4X30F**	MV08B15**B*	TDR&TXV	23800	15.2			12.5	24400	3.9	14200	2.66	8.5	
	ED*4X30F**	MV12F19**B*	TDR&TXV	23800	15.2			12.5	24400	3.9	14100	2.66	8.5	
	ED*4X30F**	*8MPV050	TDR&TXV	24200	14.5			12	25200	3.9	15000	2.68	8.7	
	ED*4X30F**	*8MPV075	TDR&TXV	24400	15			12.2	25000	4	14900	2.72	9	
	ED*4X30F**	*9MA*1002120A**	TDR&TXV	23800	15			12.5	24600	3.86	14300	2.64	8.5	
	ED*4X30F**	*9MPV050	TDR&TXV	23800	14.5			12	24800	3.86	14600	2.64	8.5	
	ED*4X30F**	*9MPV075	TDR&TXV	24000	14.5			12	25000	3.9	14800	2.68	8.7	
	ED*4X30F**	*9MV*1002116A**	TDR&TXV	23600	15			12.5	24400	3.82	14200	2.62	8.5	
	ED*4X30F**	*9MVX040	TDR&TXV	24000	14.5			12	24800	3.86	14700	2.66	8.7	
	ED*4X30F**	*9MVX060	TDR&TXV	24200	14.5			12.2	25000	3.92	14900	2.7	8.7	
	ED*4X30F**	OLV098A12A	TDR&TXV	23800	15			12.5	24600	3.88	14300	2.64	8.5	
	ED*4X30F**	OMV098J12A	TDR&TXV	23800	15			12.5	24600	3.86	14400	2.64	8.5	
	ED*4X30F**	OMV112K14A	TDR&TXV	23800	15			12.5	24400	3.86	14200	2.64	8.5	
	ED*4X30F**		TXV	23800			13.5		11.2	25400	3.72	15300	2.56	8.5
	ED*4X36F**	*9MVX040	TDR&TXV	24000	14.5			12.2	25000	3.9	14800	2.68	8.7	
	ED*4X36F**	*9MVX060	TDR&TXV	24200	14.5			12.2	25000	3.96	14900	2.7	8.7	
	EHD4X24A**	*8MV*0701412**	TDR&TXV	23600	15			12.2	24400	3.8	14200	2.6	8.5	
	EHD4X24A**	*8MV*0901716**	TDR&TXV	23600	15			12.5	24400	3.84	14200	2.62	8.5	
	EHD4X24A**	*8MV*1102120**	TDR&TXV	23600	15			12.2	24600	3.82	14300	2.6	8.5	
	EHD4X24A**	*8MV*1352422**	TDR&TXV	23600	15			12.5	24600	3.84	14300	2.62	8.5	
	EHD4X24A**	*8MX*0451408**	TDR&TXV	23600	14.5			12.2	24600	3.84	14400	2.6	8.5	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP	
						TDR	W/ field TXV						
TSH524GKA	EHD4X24A**	*9MA*0601714A**	TDR&TXV	23600	14.5			12	24600	3.8	14300	2.58	8.5
	EHD4X24A**	*9MA*0602120A**	TDR&TXV	24000	14.5			12	24600	3.84	14400	2.6	8.5
	EHD4X24A**	*9MA*0801714A**	TDR&TXV	23600	14.5			12.2	24400	3.78	14200	2.58	8.5
	EHD4X24A**	*9MA*0802120A**	TDR&TXV	24200	14.5			12.2	24800	3.9	14500	2.64	8.8
	EHD4X24A**	*9MA*1002122A**	TDR&TXV	24200	15			12.5	24800	3.92	14500	2.66	8.8
	EHD4X24A**	*9MA*1202422A**	TDR&TXV	23800	15			12.2	24600	3.88	14400	2.62	8.5
	EHD4X24A**	*9MV*0401410A**	TDR&TXV	23400	14			11.5	24800	3.68	14500	2.52	8.2
	EHD4X24A**	*9MV*0601714A**	TDR&TXV	23400	14.5			12.2	24400	3.74	14100	2.56	8.2
	EHD4X24A**	*9MV*0801716A**	TDR&TXV	23400	15			12.2	24400	3.78	14100	2.58	8.5
	EHD4X24A**	*9MV*0802120A**	TDR&TXV	23400	15			12.2	24200	3.72	14000	2.56	8.2
	EHD4X24A**	*9MV*1002120A**	TDR&TXV	23600	15			12.2	24200	3.76	14000	2.58	8.2
	EHD4X24A**	*9MV*1202422A**	TDR&TXV	23400	15			12.5	24400	3.76	14100	2.58	8.5
	EHD4X24A**	*9MX*0401410A**	TDR&TXV	23800	13.5			11.2	25400	3.76	15100	2.58	8.5
	EHD4X24A**	*9MX*0601714A**	TDR&TXV	23400	14.5			12.2	24400	3.76	14100	2.58	8.5
	EHD4X24A**	MV08B15**B*	TDR&TXV	24000	15			12.5	24600	3.92	14300	2.66	8.7
	EHD4X24A**	MV12F19**B*	TDR&TXV	24000	15.2			12.5	24600	3.92	14300	2.66	8.7
	EHD4X24A**	*8MPV050	TDR&TXV	24000	14			11.7	25200	3.88	15000	2.64	8.7
	EHD4X24A**	*8MPV075	TDR&TXV	24000	14.5			12.2	25000	3.92	14800	2.66	8.7
	EHD4X24A**	*8MPV100	TDR&TXV	24200	15			12.5	25000	4	14900	2.72	9
	EHD4X24A**	*8MPV125	TDR&TXV	24200	15			12.5	25000	4	14800	2.72	9
	EHD4X24A**	*9MA*1002120A**	TDR&TXV	23800	14.5			12.2	24800	3.9	14500	2.64	8.7
	EHD4X24A**	*9MPV050	TDR&TXV	23600	14.5			12	24800	3.8	14400	2.58	8.5
	EHD4X24A**	*9MPV075	TDR&TXV	23600	14			12	24800	3.8	14500	2.58	8.5
	EHD4X24A**	*9MPV100	TDR&TXV	24000	14.5			12	25000	3.92	14800	2.66	8.7
	EHD4X24A**	*9MPV125	TDR&TXV	24000	14.5			12.2	25000	3.94	14800	2.68	8.7
	EHD4X24A**	*9MVX040	TDR&TXV	23800	14.5			12	24800	3.82	14500	2.6	8.5
	EHD4X24A**	*9MVX060	TDR&TXV	23800	14.5			12	25000	3.86	14800	2.64	8.5
	EHD4X24A**	OLV098A12A	TDR&TXV	23800	14.5			12.2	24800	3.88	14500	2.62	8.5
	EHD4X24A**	OMV098J12A	TDR&TXV	23800	14.5			12	24800	3.88	14600	2.62	8.5
	EHD4X24A**	OMV112K14A	TDR&TXV	23800	15			12.5	24600	3.86	14300	2.62	8.5
	EHD4X24A**		TXV	23800			13.5	11.2	25600	3.78	15400	2.56	8.5
	EHD4X30A**		*8MV*0701412**	TDR&TXV	23600	15		12.5	24400	3.78	14100	2.6	8.5
	EHD4X30A**		*8MV*0901716**	TDR&TXV	23800	15		12.5	24400	3.82	14100	2.62	8.5
	EHD4X30A**		*8MV*1102120**	TDR&TXV	23800	15		12.5	24400	3.82	14200	2.62	8.5
	EHD4X30A**		*8MV*1352422**	TDR&TXV	23800	15		12.5	24400	3.82	14200	2.62	8.5

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						W/ field TDR	W/ field TXV							
TSH524GKA	EHD4X30A**	*8MX*0451408**	TDR&TXV	23800	15			12.5	24600	3.86	14400	2.64	8.5	
	EHD4X30A**	*9MA*0601714A**	TDR&TXV	23800	15			12.2	24600	3.84	14300	2.62	8.5	
	EHD4X30A**	*9MA*0602120A**	TDR&TXV	24000	15			12.5	24600	3.88	14300	2.62	8.5	
	EHD4X30A**	*9MA*0801714A**	TDR&TXV	23600	15			12.5	24400	3.82	14200	2.6	8.5	
	EHD4X30A**	*9MA*0802120A**	TDR&TXV	24200	15			12.5	24800	3.96	14400	2.68	8.8	
	EHD4X30A**	*9MA*1002122A**	TDR&TXV	24200	15			12.5	24800	3.98	14600	2.7	9	
	EHD4X30A**	*9MA*1202422A**	TDR&TXV	24000	15			12.5	24600	3.92	14300	2.66	8.5	
	EHD4X30A**	*9MV*0401410A**	TDR&TXV	23600	14			11.7	25000	3.76	14600	2.54	8.5	
	EHD4X30A**	*9MV*0601714A**	TDR&TXV	23600	15			12.5	24600	3.84	14200	2.6	8.5	
	EHD4X30A**	*9MV*0801716A**	TDR&TXV	23800	15			12.5	24600	3.88	14300	2.64	8.5	
	EHD4X30A**	*9MV*0802120A**	TDR&TXV	24000	15			12.5	24600	3.9	14200	2.64	8.5	
	EHD4X30A**	*9MV*1002120A**	TDR&TXV	24200	15			12.5	24600	3.94	14300	2.66	8.8	
	EHD4X30A**	*9MV*1202422A**	TDR&TXV	23800	15			12.5	24600	3.9	14300	2.64	8.5	
	EHD4X30A**	*9MX*0401410A**	TDR&TXV	24000	13.7			11.5	25400	3.82	15200	2.6	8.5	
	EHD4X30A**	*9MX*0601714A**	TDR&TXV	23800	15			12.5	24600	3.86	14300	2.62	8.5	
	EHD4X30A**	MV08B15**B*	TDR&TXV	24000	15.2			12.5	24600	3.96	14300	2.68	8.7	
	EHD4X30A**	MV12F19**B*	TDR&TXV	24000	15.2			12.5	24600	3.98	14200	2.68	8.7	
	EHD4X30A**	*8MPV050	TDR&TXV	24200	14.5			12	25200	3.96	15100	2.68	8.7	
	EHD4X30A**	*8MPV075	TDR&TXV	24400	15			12.5	25200	4.02	14900	2.72	9	
	EHD4X30A**	*8MPV100	TDR&TXV	24600	15			12.5	25200	4.12	14900	2.76	9	
	EHD4X30A**	*8MPV125	TDR&TXV	24600	15			12.5	25200	4.12	14900	2.76	9	
	EHD4X30A**	*9MA*1002120A**	TDR&TXV	24000	15			12.5	24800	3.94	14500	2.66	8.7	
	EHD4X30A**	*9MPV050	TDR&TXV	24000	14.5			12.2	25000	3.9	14600	2.64	8.7	
	EHD4X30A**	*9MPV075	TDR&TXV	24000	14.5			12	25000	3.92	14800	2.66	8.7	
	EHD4X30A**	*9MPV100	TDR&TXV	24400	15			12.5	25200	4.04	14900	2.72	9	
	EHD4X30A**	*9MPV125	TDR&TXV	24400	15			12.5	25200	4.06	14900	2.74	9	
	EHD4X30A**	*9MV*1002116A**	TDR&TXV	23600	15			12.5	24400	3.82	14100	2.6	8.5	
	EHD4X30A**	*9MVX040	TDR&TXV	24000	14.5			12.2	24800	3.84	14600	2.62	8.5	
	EHD4X30A**	*9MVX060	TDR&TXV	24200	14.5			12.2	25000	3.9	14900	2.68	8.7	
	EHD4X30A**	OLV098A12A	TDR&TXV	24000	15			12.5	24800	3.94	14500	2.66	8.5	
	EHD4X30A**	OMV098J12A	TDR&TXV	24000	15			12.5	24800	3.92	14500	2.64	8.5	
	EHD4X30A**	OMV112K14A	TDR&TXV	23800	15			12.5	24600	3.92	14300	2.66	8.5	
	EHD4X30A**		TXV	23800			13.5	11.2	25400	3.74	15300	2.56	8.5	
	EN(A,D)4X24*14**	*8MV*0701412**	TDR&TXV	23200	14.5			12	24400	3.82	14100	2.58	8.5	
	EN(A,D)4X24*14**	*8MX*0451408**	TDR&TXV	23400	14.5			12.2	24600	3.86	14300	2.6	8.5	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models														
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.														
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				Heat 17°F (-8.3°C)	
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						W/ field TDR	W/ field TXV							
TSH524GKA	EN(A,D)4X24*14**	*9MV*0401410A**	TDR&TXV	23200	13.7			11.5	24800	3.7	14500	2.52	8.2	
	EN(A,D)4X24*14**	*9MX*0401410A**	TDR&TXV	23400	13.5			11.2	25400	3.78	15100	2.56	8.5	
	EN(A,D)4X24*14**	MV08B15**B*	TDR&TXV	23600	15			12.5	24600	3.94	14200	2.64	8.7	
	EN(A,D)4X24*14**	*8MPV050	TDR&TXV	23800	14			11.7	25200	3.88	14900	2.62	8.7	
	EN(A,D)4X24*14**		TXV	23600		13.2		11	25600	3.76	15300	2.56	8.5	
	EN(A,D)4X24*17**	*8MV*0901716**	TDR&TXV	23400	15			12.5	24400	3.86	14100	2.6	8.5	
	EN(A,D)4X24*17**	*9MA*0601714A**	TDR&TXV	23400	14.5			12.2	24600	3.82	14300	2.58	8.5	
	EN(A,D)4X24*17**	*9MA*0801714A**	TDR&TXV	23200	14.5			12.2	24400	3.8	14100	2.58	8.5	
	EN(A,D)4X24*17**	*9MV*0401410A**	TDR&TXV	23200	13.7			11.5	24800	3.7	14500	2.52	8.2	
	EN(A,D)4X24*17**	*9MV*0601714A**	TDR&TXV	23200	14.5			12.2	24400	3.78	14100	2.56	8.5	
	EN(A,D)4X24*17**	*9MV*0801716A**	TDR&TXV	23400	14.5			12.2	24400	3.82	14100	2.58	8.5	
	EN(A,D)4X24*17**	*9MX*0401410A**	TDR&TXV	23400	13.5			11.2	25400	3.78	15100	2.56	8.5	
	EN(A,D)4X24*17**	*9MX*0601714A**	TDR&TXV	23200	14.5			12.2	24400	3.8	14100	2.58	8.5	
	EN(A,D)4X24*17**	MV08B15**B*	TDR&TXV	23600	15			12.5	24600	3.94	14200	2.64	8.7	
	EN(A,D)4X24*17**	MV12F19**B*	TDR&TXV	23600	15			12.5	24600	3.94	14200	2.64	8.7	
	EN(A,D)4X24*17**	*8MPV050	TDR&TXV	23800	14			11.7	25200	3.88	14900	2.62	8.7	
	EN(A,D)4X24*17**	*8MPV075	TDR&TXV	23800	14.5			12	25000	3.92	14700	2.66	8.7	
	EN(A,D)4X24*17**	*9MPV050	TDR&TXV	23400	14			12	24800	3.82	14400	2.58	8.5	
	EN(A,D)4X24*17**	*9MPV075	TDR&TXV	23400	14			11.7	24800	3.84	14500	2.58	8.5	
	EN(A,D)4X24*17**	*9MVX040	TDR&TXV	23400	14.5			12	24800	3.84	14500	2.58	8.5	
	EN(A,D)4X24*17**	*9MVX060	TDR&TXV	23600	14.5			12	25000	3.88	14600	2.62	8.5	
	EN(A,D)4X24*17**	OLV098A12A	TDR&TXV	23600	14.5			12	24800	3.88	14400	2.62	8.5	
	EN(A,D)4X24*17**	OMV098J12A	TDR&TXV	23600	14.5			12	24800	3.88	14500	2.6	8.5	
	EN(A,D)4X24*17**	OMV112K14A	TDR&TXV	23400	15			12.2	24600	3.88	14200	2.62	8.5	
	EN(A,D)4X24*17**		TXV	23600		13.2		11	25600	3.76	15300	2.56	8.5	
	EN(A,D)4X30*14**	*8MV*0701412**	TDR&TXV	23600	15			12.5	24400	3.78	14100	2.6	8.5	
	EN(A,D)4X30*14**	*8MX*0451408**	TDR&TXV	23800	14.5			12.2	24600	3.82	14400	2.62	8.5	
	EN(A,D)4X30*14**	*9MV*0401410A**	TDR&TXV	23400	14			11.7	24800	3.68	14500	2.52	8.2	
	EN(A,D)4X30*14**	*9MX*0401410A**	TDR&TXV	23800	13.7			11.5	25200	3.74	15100	2.58	8.5	
	EN(A,D)4X30*14**	MV08B15**B*	TDR&TXV	23800	15.2			12.5	24400	3.9	14200	2.66	8.5	
	EN(A,D)4X30*14**	*8MPV050	TDR&TXV	24000	14			11.7	25200	3.86	15000	2.64	8.7	
	EN(A,D)4X30*14**		TXV	23800		13.5		11.2	25400	3.72	15300	2.56	8.5	
	EN(A,D)4X30*17**	*8MV*0901716**	TDR&TXV	23600	15			12.5	24400	3.84	14100	2.62	8.5	
	EN(A,D)4X30*17**	*9MA*0601714A**	TDR&TXV	23600	14.5			12.2	24400	3.8	14200	2.6	8.5	
	EN(A,D)4X30*17**	*9MA*0801714A**	TDR&TXV	23400	15			12.5	24400	3.78	14100	2.6	8.5	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Cooling 95°F (35°C)						Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
				Capacity BTU/hr	SEER			EER	BTU/hr	COP	BTU/hr	COP		
					Standard	W/ field TDR	W/ field TXV							
TSH524GKA	EN(A,D)4X30*17**	*9MV*0401410A**	TDR&TXV	23400	14			11.7	24800	3.72	14600	2.54	8.5	
	EN(A,D)4X30*17**	*9MV*0601714A**	TDR&TXV	23600	15			12.5	24600	3.82	14300	2.62	8.5	
	EN(A,D)4X30*17**	*9MV*0801716A**	TDR&TXV	23800	15			12.5	24600	3.86	14300	2.64	8.5	
	EN(A,D)4X30*17**	*9MX*0401410A**	TDR&TXV	23800	13.7			11.5	25200	3.78	15200	2.6	8.5	
	EN(A,D)4X30*17**	*9MX*0601714A**	TDR&TXV	23800	15			12.5	24600	3.84	14300	2.62	8.5	
	EN(A,D)4X30*17**	MV08B15**B*	TDR&TXV	23800	15.2			12.5	24400	3.9	14200	2.68	8.7	
	EN(A,D)4X30*17**	MV12F19**B*	TDR&TXV	23800	15.2			12.5	24400	3.92	14200	2.68	8.7	
	EN(A,D)4X30*17**	*8MPV050	TDR&TXV	24200	14			12	25200	3.9	15000	2.66	8.7	
	EN(A,D)4X30*17**	*8MPV075	TDR&TXV	24200	15			12.5	25000	3.98	14900	2.72	9	
	EN(A,D)4X30*17**	*9MPV050	TDR&TXV	23800	14.5			12.2	24800	3.86	14600	2.64	8.5	
	EN(A,D)4X30*17**	*9MPV075	TDR&TXV	24000	14.5			12.2	25000	3.88	14800	2.66	8.7	
	EN(A,D)4X30*17**	*9MVX040	TDR&TXV	23800	14.5			12	24800	3.86	14700	2.66	8.5	
	EN(A,D)4X30*17**	*9MVX060	TDR&TXV	24200	14.5			12.2	25000	3.94	14900	2.7	8.7	
	EN(A,D)4X30*17**	OLV098A12A	TDR&TXV	23800	15			12.5	24600	3.88	14400	2.64	8.5	
	EN(A,D)4X30*17**	OMV098J12A	TDR&TXV	23800	15			12.5	24600	3.86	14400	2.64	8.5	
	EN(A,D)4X30*17**	OMV112K14A	TDR&TXV	23800	15			12.5	24400	3.86	14200	2.64	8.5	
	EN(A,D)4X30*17**		TXV	23800		13.5		11.2	25400	3.72	15300	2.56	8.5	
	EN(A,D)4X31*17**	*8MV*0901716**	TDR&TXV	24000	15			12.5	23800	4	14300	2.7	8.7	
	EN(A,D)4X31*17**	*9MA*0601714A**	TDR&TXV	24000	15			12.5	23800	3.96	14400	2.66	8.7	
	EN(A,D)4X31*17**	*9MA*0801714A**	TDR&TXV	23800	15			12.5	23800	3.92	14200	2.66	8.5	
	EN(A,D)4X31*17**	*9MV*0401410A**	TDR&TXV	24000	14			12	23800	3.88	15000	2.64	8.5	
	EN(A,D)4X31*17**	*9MV*0601714A**	TDR&TXV	24200	15			12.5	23800	3.98	14600	2.7	8.7	
	EN(A,D)4X31*17**	*9MV*0801716A**	TDR&TXV	24200	15			12.5	23800	4.04	14700	2.74	9	
	EN(A,D)4X31*17**	*9MX*0401410A**	TDR&TXV	24400	14			11.7	23800	3.94	15300	2.64	8.7	
	EN(A,D)4X31*17**	*9MX*0601714A**	TDR&TXV	24200	15			12.5	23800	4.02	14600	2.72	8.7	
	EN(A,D)4X31*17**	MV08B15**B*	TDR&TXV	24400	15.5			12.7	23800	4.08	14500	2.76	9	
	EN(A,D)4X31*17**	MV12F19**B*	TDR&TXV	24400	15.5			12.7	23800	4.08	14500	2.76	9	
	EN(A,D)4X31*17**	*8MPV050	TDR&TXV	24600	14.5			12.2	23800	4.1	15100	2.72	9	
	EN(A,D)4X31*17**	*8MPV075	TDR&TXV	24800	15.2			12.5	23800	4.2	15000	2.78	9	
	EN(A,D)4X31*17**	*9MPV050	TDR&TXV	24400	15			12.5	23800	4.04	14900	2.72	9	
	EN(A,D)4X31*17**	*9MPV075	TDR&TXV	24600	15			12.5	23800	4.08	15000	2.74	9	
	EN(A,D)4X31*17**	*9MVX040	TDR&TXV	24400	15			12.5	23800	4.04	14900	2.72	9	
	EN(A,D)4X31*17**	*9MVX060	TDR&TXV	24800	15			12.5	23800	4.14	15000	2.76	9	
	EN(A,D)4X31*17**	OLV098A12A	TDR&TXV	24400	15			12.5	23800	4.04	14700	2.74	9	
	EN(A,D)4X31*17**	OMV098J12A	TDR&TXV	24400	15			12.5	23800	4.04	14800	2.72	9	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models												
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.												
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	SEER				Heat 47°F (8.3°C)			
					Standard	W/ field TDR	W/ field TXV	EER	BTU/hr	COP	Heat 17°F (-8.3°C)	
											BTU/hr	HSPF
TSH524GKA	EN(A,D)4X31*17**	OMV112K14A	TDR&TXV	24200	15.2			12.5	23800	4.02	14500	2.74
	EN(A,D)4X31*17**		TXV	24200		13.7		11.5	24000	3.88	15400	2.6
	ENH4X24*17**	*8MV*0701412**	TDR&TXV	23200	14.5			12.2	24400	3.82	14100	2.58
	ENH4X24*17**	*8MV*0901716**	TDR&TXV	23400	15			12.5	24400	3.86	14100	2.6
	ENH4X24*17**	*8MV*1102120**	TDR&TXV	23400	14.5			12.2	24600	3.84	14200	2.6
	ENH4X24*17**	*8MV*1352422**	TDR&TXV	23400	15			12.2	24600	3.84	14200	2.6
	ENH4X24*17**	*8MX*0451408**	TDR&TXV	23400	14.5			12	24600	3.86	14300	2.6
	ENH4X24*17**	*9MA*0601714A**	TDR&TXV	23400	14.5			12.2	24600	3.82	14300	2.58
	ENH4X24*17**	*9MA*0801714A**	TDR&TXV	23200	14.5			12.2	24400	3.8	14100	2.58
	ENH4X24*17**	*9MA*1202422A**	TDR&TXV	23600	14.5			12.2	24600	3.88	14300	2.62
	ENH4X24*17**	*9MV*0401410A**	TDR&TXV	23200	13.7			11.5	24800	3.7	14500	2.52
	ENH4X24*17**	*9MV*0601714A**	TDR&TXV	23200	14.5			12	24400	3.78	14100	2.56
	ENH4X24*17**	*9MV*0801716A**	TDR&TXV	23400	14.7			12.2	24400	3.82	14100	2.58
	ENH4X24*17**	*9MV*1202422A**	TDR&TXV	23200	14.7			12.2	24400	3.82	14100	2.58
	ENH4X24*17**	*9MX*0401410A**	TDR&TXV	23400	13.5			11.2	25400	3.78	15100	2.56
	ENH4X24*17**	*9MX*0601714A**	TDR&TXV	23200	14.5			12.2	24400	3.8	14100	2.58
	ENH4X24*17**	MV08B15**B*	TDR&TXV	23600	15			12.5	24600	3.94	14200	2.64
	ENH4X24*17**	MV12F19**B*	TDR&TXV	23600	15			12.5	24600	3.94	14200	2.64
	ENH4X24*17**	*8MPV050	TDR&TXV	23800	14			11.7	23800	3.88	14900	2.62
	ENH4X24*17**	*8MPV075	TDR&TXV	23800	14.5			12	25000	3.92	14700	2.66
	ENH4X24*17**	*8MPV100	TDR&TXV	24000	14.5			12.2	25000	4	14800	2.7
	ENH4X24*17**	*8MPV125	TDR&TXV	24000	14.5			12.2	25000	4.02	14800	2.7
	ENH4X24*17**	*9MA*1002120A**	TDR&TXV	23600	14.5			12.2	24800	3.9	14400	2.62
	ENH4X24*17**	*9MPV050	TDR&TXV	23400	14			11.7	24800	3.82	14400	2.58
	ENH4X24*17**	*9MPV075	TDR&TXV	23400	14			11.7	24800	3.84	14500	2.58
	ENH4X24*17**	*9MPV100	TDR&TXV	23800	14.5			12	25000	3.92	14800	2.66
	ENH4X24*17**	*9MPV125	TDR&TXV	23800	14.5			12.2	25000	3.96	14800	2.68
	ENH4X24*17**	*9MVX040	TDR&TXV	23400	14.5			12	24800	3.84	14500	2.58
	ENH4X24*17**	*9MVX060	TDR&TXV	23600	14.5			12	25000	3.88	14600	2.62
	ENH4X24*17**	OLV098A12A	TDR&TXV	23600	14.5			12	24800	3.88	14400	2.62
	ENH4X24*17**	OMV098J12A	TDR&TXV	23600	14.5			12	24800	3.88	14500	2.6
	ENH4X24*17**	OMV112K14A	TDR&TXV	23400	15			12.2	24600	3.88	14200	2.62
	ENH4X24*17**		TXV	23600		13.2		11.2	25600	3.76	15300	2.56
	ENH4X30*17**	*8MV*0701412**	TDR&TXV	23600	15			12.5	24400	3.8	14100	2.6
	ENH4X30*17**	*8MV*0901716**	TDR&TXV	23600	15			12.5	24400	3.84	14100	2.62

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			Heat 17°F (-8.3°C)		
					SEER				BTU/hr	COP	EER	BTU/hr	COP	HSPF
					Standard	W/ field TDR	W/ field TXV	W/ field TXV						
TSH524GKA	ENH4X30*17**	*8MV*1102120**	TDR&TXV	23600	15				24400	3.82	12.5	14200	2.62	8.5
	ENH4X30*17**	*8MV*1352422**	TDR&TXV	23600	15				24400	3.84	12.5	14100	2.62	8.5
	ENH4X30*17**	*8MX*0451408**	TDR&TXV	23800	15				24800	3.88	12.5	14400	2.64	8.5
	ENH4X30*17**	*9MA*0601714A**	TDR&TXV	23600	14.7				24400	3.8	12.2	14200	2.6	8.5
	ENH4X30*17**	*9MA*0801714A**	TDR&TXV	23400	15				24400	3.78	12.5	14100	2.6	8.5
	ENH4X30*17**	*9MA*1202422A**	TDR&TXV	23800	15				24600	3.86	12.5	14300	2.64	8.5
	ENH4X30*17**	*9MV*0401410A**	TDR&TXV	23400	14				24800	3.72	11.7	14600	2.54	8.5
	ENH4X30*17**	*9MV*0601714A**	TDR&TXV	23600	15				24600	3.82	12.5	14300	2.62	8.5
	ENH4X30*17**	*9MV*0801716A**	TDR&TXV	23800	15				24600	3.86	12.5	14300	2.64	8.5
	ENH4X30*17**	*9MV*1202422A**	TDR&TXV	24000	15				24600	3.92	12.5	14400	2.66	8.5
	ENH4X30*17**	*9MX*0401410A**	TDR&TXV	23800	13.7				25200	3.78	11.5	15200	2.6	8.5
	ENH4X30*17**	*9MX*0601714A**	TDR&TXV	23800	15				24600	3.84	12.5	14300	2.62	8.5
	ENH4X30*17**	MV08B15**B*	TDR&TXV	23800	15.2				24400	3.9	12.5	14200	2.68	8.7
	ENH4X30*17**	MV12F19**B*	TDR&TXV	23800	15.2				24400	3.92	12.5	14200	2.68	8.7
	ENH4X30*17**	*8MPV050	TDR&TXV	24200	14				25200	3.9	12	15000	2.66	8.7
	ENH4X30*17**	*8MPV075	TDR&TXV	24200	15				25000	3.98	12.2	14900	2.72	9
	ENH4X30*17**	*8MPV100	TDR&TXV	24600	15				25200	4.08	12.5	14900	2.76	9
	ENH4X30*17**	*8MPV125	TDR&TXV	24600	15				25200	4.08	12.5	14900	2.78	9
	ENH4X30*17**	*9MA*1002120A**	TDR&TXV	23800	15				24600	3.88	12.5	14400	2.64	8.5
	ENH4X30*17**	*9MPV050	TDR&TXV	23800	14.5				24800	3.86	12.2	14600	2.64	8.5
	ENH4X30*17**	*9MPV075	TDR&TXV	24000	14.5				25000	3.88	12.2	14800	2.66	8.7
	ENH4X30*17**	*9MPV100	TDR&TXV	24400	15				25200	4	12.5	14900	2.72	9
	ENH4X30*17**	*9MPV125	TDR&TXV	24400	15				25000	4.02	12.5	14900	2.74	9
	ENH4X30*17**	*9MV*1002116A**	TDR&TXV	23600	15				24400	3.82	12.5	14200	2.62	8.5
	ENH4X30*17**	*9MVX040	TDR&TXV	23800	14.5				24800	3.86	12.2	14700	2.66	8.5
	ENH4X30*17**	*9MVX060	TDR&TXV	24200	14.5				25000	3.94	12.2	14900	2.7	8.7
	ENH4X30*17**	OLV098A12A	TDR&TXV	23800	15				24600	3.88	12.5	14400	2.64	8.5
	ENH4X30*17**	OMV098J12A	TDR&TXV	23800	15				24600	3.86	12.5	14400	2.64	8.5
	ENH4X30*17**	OMV112K14A	TDR&TXV	23800	15				24400	3.86	12.5	14200	2.64	8.5
	ENH4X30*17**		TXV	23800		13.5			25400	3.72	11.2	15300	2.56	8.5
	ENH4X31*17**	*9MA*0601714A**	TDR&TXV	24000	15				23800	3.96	12.5	14400	2.66	8.7
	ENH4X31*17**	*9MA*0801714A**	TDR&TXV	24000	15				23800	3.92	12.5	14200	2.66	8.7
	ENH4X31*17**	*9MA*1202422A**	TDR&TXV	24200	15.2				23800	4.02	12.5	14600	2.74	9
	ENH4X31*17**	*9MV*0401410A**	TDR&TXV	24000	14.5				23800	3.88	12	15000	2.64	8.7
	ENH4X31*17**	*9MV*0601714A**	TDR&TXV	24200	15				23800	4	12.5	14600	2.7	9

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models															
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.															
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				Heat 17°F (-8.3°C)		HSPF
					SEER			EER	BTU/hr	COP	BTU/hr	COP			
					Standard	W/ field TDR	W/ field TXV								
TSH524GKA	ENH4X31*17**	*9MV*0801716A**	TDR&TXV	24400	15.2			12.5	23800	4.04	14700	2.74	9		
	ENH4X31*17**	*9MV*1202422A**	TDR&TXV	24600	15.5			12.5	23800	4.12	14800	2.78	9		
	ENH4X31*17**	*9MX*0401410A**	TDR&TXV	24400	14			11.7	23800	3.96	15300	2.64	8.7		
	ENH4X31*17**	*9MX*0601714A**	TDR&TXV	24200	15.2			12.5	23800	4.02	14600	2.72	9		
	ENH4X31*17**	MV08B15**B*	TDR&TXV	24400	15.5			12.7	23800	4.08	14500	2.76	8.5		
	ENH4X31*17**	MV12F19**B*	TDR&TXV	24400	15.5			12.7	23800	4.08	14500	2.76	8.5		
	ENH4X31*17**	*8MPV050	TDR&TXV	24800	14.5			12.2	23800	4.1	15100	2.74	8.5		
	ENH4X31*17**	*8MPV075	TDR&TXV	24800	15.2			12.5	23800	4.2	15000	2.78	8.5		
	ENH4X31*17**	*8MPV100	TDR&TXV	25200	15.2			12.5	23800	4.3	15000	2.84	8.5		
	ENH4X31*17**	*8MPV125	TDR&TXV	25200	15.5			12.7	23800	4.3	15000	2.84	8.5		
	ENH4X31*17**	*9MA*1002120A**	TDR&TXV	24400	15.2			12.5	23800	4.04	14700	2.74	9		
	ENH4X31*17**	*9MPV050	TDR&TXV	24400	15			12.5	23800	4.04	14900	2.72	8.5		
	ENH4X31*17**	*9MPV075	TDR&TXV	24600	15			12.5	23800	4.08	15000	2.74	8.5		
	ENH4X31*17**	*9MPV100	TDR&TXV	25000	15			12.5	23800	4.22	15100	2.8	8.5		
	ENH4X31*17**	*9MPV125	TDR&TXV	25000	15.2			12.5	23800	4.24	15000	2.82	8.5		
	ENH4X31*17**	*9MV*1002116A**	TDR&TXV	24200	15.2			12.5	23800	4.02	14600	2.72	9		
	ENH4X31*17**	*9MVX040	TDR&TXV	24400	15			12.5	24000	4.04	14900	2.72	9		
	ENH4X31*17**	*9MVX060	TDR&TXV	24800	15			12.5	24000	4.14	15000	2.76	9		
	ENH4X31*17**	OLV098A12A	TDR&TXV	24400	15.2			12.5	23800	4.04	14700	2.74	9		
	ENH4X31*17**	OMV098J12A	TDR&TXV	24400	15			12.5	23800	4.04	14800	2.72	9		
	ENH4X31*17**	OMV112K14A	TDR&TXV	24200	15.2			12.5	23800	4.02	14500	2.74	9		
2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.															

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						W/ field TDR	W/ field TXV							
TSH530GKA	*FXM4X30**A*		TDR&TXV	28400	15			12.5	28400	3.98	17000	2.66	8.7	
	FCM4X24****		TDR&TXV	28000	15			12.5	28000	3.9	16800	2.62	8.5	
	FCM4X36****		TDR&TXV	28200	15.2			12.7	27800	3.92	16600	2.64	8.5	
	FEA4X30**A*		TDR&TXV	28000	14.5			12	28400	3.86	17000	2.6	8.2	
	FEA4X36**A*		TDR&TXV	28200	14			12	28600	3.86	17300	2.58	8.2	
	FEM4P30**A*		TDR	28000			14.5	12	28400	3.88	17100	2.58	8.2	
	FEM4P36**A*		TDR	28000			14.5	12	28400	3.88	17100	2.58	8.2	
	FEM4X30****		TDR&TXV	28000	14.5			12	28400	3.9	17100	2.6	8.2	
	FEM4X36****		TDR&TXV	28600	14			12	28000	3.98	17400	2.62	8.5	
	FS(M,U)4P30**A*		TDR	28200			14	11.7	28600	3.88	17300	2.58	8.2	
	FS(M,U)4P36**A*		TDR	28000			13.7	11.5	28800	3.8	17500	2.54	8.2	
	FSA4X30**A*		TDR&TXV	27400	13			11.2	28800	3.68	17500	2.48	8	
	FSA4X36**A*		TDR&TXV	28000	13.5			11.2	29000	3.74	17600	2.5	8	
	FVM4X24****		TDR&TXV	28000	15			12.5	28000	3.9	16800	2.62	8.5	
	FVM4X36****		TDR&TXV	28200	15			12.5	27800	3.92	16600	2.64	8.5	
	FXM4X36**A*		TDR&TXV	29000	15			12.5	28000	4.12	17100	2.7	8.7	
	EA*4X30**14A*	*8MV*0701412**	TDR&TXV	27600	14.5			12	28000	3.78	16800	2.58	8.2	
	EA*4X30**14A*	MV08B15**B*	TDR&TXV	28000	15			12.5	28000	3.88	16700	2.62	8.2	
	EA*4X30**14A*	*8MPV050	TDR&TXV	27800	13.5			11.5	28600	3.74	17400	2.52	8.2	
	EA*4X30**14A*		TXV	27800		13.2		11.2	29000	3.72	17700	2.5	8	
	EA*4X30**17A*	*8MV*0901716**	TDR&TXV	27800	15			12.5	27800	3.84	16600	2.6	8.5	
	EA*4X30**17A*	*8MX*0701716**	TDR&TXV	27800	14.5			12	28200	3.84	17000	2.58	8.2	
	EA*4X30**17A*	*9MA*0601714A**	TDR&TXV	27600	14			11.7	28000	3.78	16900	2.56	8.2	
	EA*4X30**17A*	*9MA*0801714A**	TDR&TXV	27800	14.5			12	28000	3.82	16800	2.58	8.2	
	EA*4X30**17A*	*9MV*0601714A**	TDR&TXV	27600	14.5			12	28000	3.78	16800	2.58	8.2	
	EA*4X30**17A*	*9MV*0801716A**	TDR&TXV	27800	14.5			12	28000	3.82	16800	2.6	8.2	
	EA*4X30**17A*	*9MX*0601714A**	TDR&TXV	27800	14.5			12	28200	3.82	17000	2.58	8.2	
	EA*4X30**17A*	*9MX*0801716A**	TDR&TXV	28000	14			12	28400	3.88	17100	2.6	8.2	
	EA*4X30**17A*	MV08B15**B*	TDR&TXV	28000	15			12.5	28000	3.9	16700	2.64	8.5	
	EA*4X30**17A*	MV12F19**B*	TDR&TXV	28000	15			12.5	27800	3.92	16600	2.66	8.5	
	EA*4X30**17A*	*8MPV050	TDR&TXV	27800	13.7			11.3	28800	3.78	17400	2.54	8.2	
	EA*4X30**17A*	*8MPV075	TDR&TXV	28000	14.5			12	28400	3.88	17000	2.6	8.2	
	EA*4X30**17A*	*9MPV050	TDR&TXV	27800	14			11.7	28400	3.78	17100	2.56	8.2	
	EA*4X30**17A*	*9MPV075	TDR&TXV	27800	14			11.7	28400	3.78	17100	2.56	8.2	
	EA*4X30**17A*	OLV098A12A	TDR&TXV	27800	14			12	28000	3.8	16900	2.58	8.2	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models												
For complete ratings information, use the AHRI website directory search: www.ahridirectory.org . New ratings may be listed online before Specification Sheets are updated.												
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			
					SEER			EER	BTU/hr	COP	Heat 17°F (-8.3°C)	
					Standard	TDR	W/ field TXV				BTU/hr	COP
TSH530GKA	EA*4X30*17A*	OMV098J12A	TDR&TXV	27800	14			12	28200	3.8	17000	2.56
	EA*4X30*17A*	OMV112K14A	TDR&TXV	27800	14.5			12.5	28000	3.86	16800	2.62
	EA*4X30*17A*		TXV	27800		13.2		11.2	29000	3.72	17700	2.5
	EA*4X36*14A*	*8MV*0701412**	TDR&TXV	27800	14.5			12	28000	3.82	16800	2.58
	EA*4X36*14A*	MV08B15**B*	TDR&TXV	28000	15			12.5	28000	3.92	16700	2.64
	EA*4X36*14A*	*8MPV050	TDR&TXV	27800	13.7			11.5	28400	3.78	17400	2.54
	EA*4X36*14A*		TXV	27800		13.2		11.2	29000	3.74	17700	2.5
	EA*4X36*17A*	*8MV*0901716**	TDR&TXV	27800	15			12.5	27800	3.86	16600	2.62
	EA*4X36*17A*	*8MX*0701716**	TDR&TXV	28000	14.5			12	28200	3.86	17000	2.6
	EA*4X36*17A*	*9MA*0601714A**	TDR&TXV	27800	14			12	28000	3.8	16900	2.58
	EA*4X36*17A*	*9MA*0801714A**	TDR&TXV	27800	14.5			12	28000	3.84	16800	2.6
	EA*4X36*17A*	*9MV*0601714A**	TDR&TXV	27800	14.5			12	28200	3.82	16900	2.58
	EA*4X36*17A*	*9MV*0801716A**	TDR&TXV	28000	14.5			12	28200	3.86	16800	2.6
	EA*4X36*17A*	*9MX*0601714A**	TDR&TXV	28000	14.5			12	28200	3.86	17000	2.6
	EA*4X36*17A*	*9MX*0801716A**	TDR&TXV	28200	14.5			12	28400	3.9	17100	2.62
	EA*4X36*17A*	MV08B15**B*	TDR&TXV	28000	15			12.5	28000	3.94	16700	2.66
	EA*4X36*17A*	MV12F19**B*	TDR&TXV	28200	15.2			12.5	27800	3.96	16600	2.66
	EA*4X36*17A*	*8MPV050	TDR&TXV	28000	13.7			11.3	28800	3.8	17400	2.54
	EA*4X36*17A*	*8MPV075	TDR&TXV	28200	14.5			12	28400	3.92	17100	2.62
	EA*4X36*17A*	*9MPV050	TDR&TXV	27800	14			11.7	28400	3.8	17100	2.56
	EA*4X36*17A*	*9MPV075	TDR&TXV	28000	14			11.7	28400	3.82	17100	2.58
	EA*4X36*17A*	OLV098A12A	TDR&TXV	27800	14.5			12	28200	3.82	16900	2.58
	EA*4X36*17A*	OMV098J12A	TDR&TXV	27800	14			12	28200	3.82	17000	2.58
	EA*4X36*17A*	OMV112K14A	TDR&TXV	28000	15			12.5	28000	3.9	16800	2.62
	EA*4X36*17A*		TXV	27800		13.2		11.2	29000	3.74	17700	2.5
	EA*4X36*21A*	*8MV*1102120**	TDR&TXV	28000	15			12.5	28000	3.88	16700	2.62
	EA*4X36*21A*	*8MX*0902116**	TDR&TXV	28200	15			12.5	28200	3.94	16900	2.64
	EA*4X36*21A*	*9MA*0601714A**	TDR&TXV	27800	14.5			12	28000	3.82	16800	2.58
	EA*4X36*21A*	*9MA*0602120A**	TDR&TXV	28200	14.5			12.2	28400	3.86	16800	2.6
	EA*4X36*21A*	*9MA*0801714A**	TDR&TXV	28000	14.5			12.2	28000	3.86	16800	2.62
	EA*4X36*21A*	*9MA*0802120A**	TDR&TXV	28200	15			12.5	28200	3.9	16700	2.62
	EA*4X36*21A*	*9MA*1002122A**	TDR&TXV	28400	15			12.5	28200	3.94	16700	2.66
	EA*4X36*21A*	*9MV*0601714A**	TDR&TXV	27800	14.5			12	28200	3.84	16900	2.6
	EA*4X36*21A*	*9MV*0801716A**	TDR&TXV	28000	14.5			12	28200	3.88	16900	2.62
	EA*4X36*21A*	*9MV*0802120A**	TDR&TXV	28200	15			12.5	28200	3.92	16800	2.64

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP	
						W/ field TDR	W/ field TXV						
TSH530GKA	EA*4X36*21A*	*9MV*1002120A**	TDR&TXV	28200	15			12.5	28200	3.9	16700	2.64	8.5
	EA*4X36*21A*	*9MX*0601714A**	TDR&TXV	28000	14.5			12	28400	3.88	17000	2.6	8.5
	EA*4X36*21A*	*9MX*0801716A**	TDR&TXV	28200	14.5			12	28400	3.94	17100	2.64	8.5
	EA*4X36*21A*	*8MPV075	TDR&TXV	28400	14.5			12	28400	3.94	17100	2.64	8.5
	EA*4X36*21A*	*8MPV100	TDR&TXV	28400	15			12.5	28200	4	16900	2.68	8.5
	EA*4X36*21A*	*8MPV125	TDR&TXV	28400	15			12.5	28200	4.02	16900	2.68	8.5
	EA*4X36*21A*	*9MA*1002120A**	TDR&TXV	28000	14.5			12.2	28200	3.9	16900	2.62	8.2
	EA*4X36*21A*	*9MPV050	TDR&TXV	28000	14			11.7	28400	3.82	17100	2.58	8.2
	EA*4X36*21A*	*9MPV075	TDR&TXV	28000	14			11.7	28400	3.86	17100	2.58	8.2
	EA*4X36*21A*	*9MPV100	TDR&TXV	28400	14.5			12.2	28400	3.98	17100	2.66	8.5
	EA*4X36*21A*	*9MV*1002116A**	TDR&TXV	28000	14.5			12.5	28200	3.9	16800	2.62	8.5
	EA*4X36*21A*	*9MVX080	TDR&TXV	28400	14.5			12.2	28400	3.98	17100	2.66	8.5
	EA*4X36*21A*	OLV098A12A	TDR&TXV	27800	14.5			12.2	28000	3.84	16800	2.6	8.2
	EA*4X36*21A*	OLV112A16A	TDR&TXV	28200	14.5			12.2	28200	3.92	16900	2.62	8.2
	EA*4X36*21A*	OMV098J12A	TDR&TXV	27800	14.5			12	28200	3.84	16900	2.58	8.2
	EA*4X36*21A*	OMV112K14A	TDR&TXV	28000	15			12.5	28000	3.92	16700	2.64	8.5
	EA*4X36*21A*		TXV	27800			13.2	11.2	29000	3.74	17700	2.5	8
	ED*4X30B**	*8MV*0701412**	TDR&TXV	27600	14.5			12	28000	3.78	16800	2.58	8.2
	ED*4X30B**	*9MV*0401410A**	TDR&TXV	27200	13			11	28600	3.58	17400	2.44	7.8
	ED*4X30B**	MV08B15**B*	TDR&TXV	28000	15			12.5	28000	3.88	16700	2.62	8.5
	ED*4X30B**	*8MPV050	TDR&TXV	27800	13.5			11.5	28600	3.74	17400	2.52	8.1
	ED*4X30B**		TXV	27800			13.2	11	28800	3.72	17700	2.5	8
	ED*4X30F**	*8MV*0901716**	TDR&TXV	27800	15			12.5	27800	3.84	16600	2.6	8.2
	ED*4X30F**	*8MV*1102120**	TDR&TXV	27800	15			12.5	28000	3.84	16700	2.6	8.2
	ED*4X30F**	*8MX*0701716**	TDR&TXV	27800	14			12	28200	3.84	17000	2.58	8.2
	ED*4X30F**	*8MX*0902116**	TDR&TXV	28000	14.5			12	28200	3.88	16900	2.62	8.2
	ED*4X30F**	*9MA*0601714A**	TDR&TXV	27600	14			12	28000	3.78	16900	2.56	8.2
	ED*4X30F**	*9MA*0602120A**	TDR&TXV	28000	14.5			12	28400	3.82	16900	2.58	8.2
	ED*4X30F**	*9MA*0801714A**	TDR&TXV	27800	14.5			12	28000	3.82	16800	2.58	8.2
	ED*4X30F**	*9MA*0802120A**	TDR&TXV	28000	14.5			12.2	28200	3.84	16800	2.6	8.2
	ED*4X30F**	*9MA*1002122A**	TDR&TXV	28200	15			12.5	28200	3.9	16800	2.64	8.5
	ED*4X30F**	*9MV*0601714A**	TDR&TXV	27600	14			12	28000	3.78	16800	2.58	8.2
	ED*4X30F**	*9MV*0801716A**	TDR&TXV	27800	14.5			12	28000	3.82	16800	2.6	8.2
	ED*4X30F**	*9MV*0802120A**	TDR&TXV	28000	14.5			12.2	28200	3.86	16700	2.62	8.2
	ED*4X30F**	*9MV*1002120A**	TDR&TXV	27800	14.5			12.2	28000	3.8	16600	2.6	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models														
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.														
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				Heat 17°F (-8.3°C)	
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						W/ field TDR	W/ field TXV							
TSH530GKA	ED*4X30F**	*9MX*0601714A**	TDR&TXV	27800	14			12	28200	3.82	17000	2.58	8.2	
	ED*4X30F**	*9MX*0801716A**	TDR&TXV	28000	14			12	28400	3.88	17100	2.6	8.2	
	ED*4X30F**	MV08B15**B*	TDR&TXV	28000	15			12.5	28000	3.9	16700	2.64	8.5	
	ED*4X30F**	MV12F19**B*	TDR&TXV	28000	15			12.5	27800	3.92	16600	2.66	8.5	
	ED*4X30F**	*8MPV050	TDR&TXV	27800	13.7			11.3	28600	3.78	17400	2.54	8.2	
	ED*4X30F**	*8MPV075	TDR&TXV	28000	14.5			12	28400	3.88	17000	2.6	8.2	
	ED*4X30F**	*9MA*1002120A**	TDR&TXV	28000	14.5			12	28200	3.86	16900	2.6	8.2	
	ED*4X30F**	*9MPV050	TDR&TXV	27800	14			11.7	28400	3.78	17100	2.56	8.2	
	ED*4X30F**	*9MPV075	TDR&TXV	27800	14			11.7	28400	3.78	17100	2.56	8.2	
	ED*4X30F**	*9MV*1002116A**	TDR&TXV	27800	14.5			12	28000	3.84	16800	2.6	8.2	
	ED*4X30F**	*9MVX040	TDR&TXV	27800	14			11.7	28400	3.78	17100	2.56	8.2	
	ED*4X30F**	*9MVX060	TDR&TXV	28000	14			11.7	28400	3.82	17100	2.58	8.2	
	ED*4X30F**	OLV098A12A	TDR&TXV	27800	14			12	28000	3.8	16900	2.58	8.2	
	ED*4X30F**	OLV112A16A	TDR&TXV	28000	14.5			12	28200	3.86	16900	2.6	8.2	
	ED*4X30F**	OMV098J12A	TDR&TXV	27800	14			12	28200	3.8	17000	2.56	8.2	
	ED*4X30F**	OMV112K14A	TDR&TXV	27800	14.5			12.5	28000	3.86	16800	2.62	8.2	
	ED*4X30F**		TXV	27800		13.2		11	29000	3.72	17700	2.5	8	
	ED*4X36B**	*8MV*0701412**	TDR&TXV	27800	14.5			12	28000	3.82	16800	2.58	8.2	
	ED*4X36B**	*9MV*0401410A**	TDR&TXV	27400	13			11	28600	3.62	17400	2.44	7.8	
	ED*4X36B**	MV08B15**B*	TDR&TXV	28000	15			12.5	28000	3.92	16700	2.64	8.5	
	ED*4X36B**	*8MPV050	TDR&TXV	27800	13.7			11.3	28800	3.78	17400	2.54	8.2	
ED*4X36B**		TXV	27800		13.2		11.2	28400	3.74	17700	2.5	8.2		
ED*4X36F**	*9MA*0601714A**	TDR&TXV	27800	14.5			12	28000	3.8	16900	2.58	8.2		
ED*4X36F**	*9MA*0602120A**	TDR&TXV	28000	14.5			12.2	28400	3.84	16900	2.6	8.2		
ED*4X36F**	*9MA*0801714A**	TDR&TXV	27800	14.5			12	28000	3.84	16800	2.6	8.2		
ED*4X36F**	*9MA*0802120A**	TDR&TXV	28200	14.5			12.2	28200	3.88	16800	2.62	8.2		
ED*4X36F**	*9MA*1002122A**	TDR&TXV	28400	15			12.5	28200	3.92	16800	2.64	8.5		
ED*4X36F**	*9MV*0601714A**	TDR&TXV	27800	14.5			12	28200	3.82	16900	2.58	8.2		
ED*4X36F**	*9MV*0801716A**	TDR&TXV	28000	14.5			12	28200	3.86	16800	2.6	8.2		
ED*4X36F**	*9MV*0802120A**	TDR&TXV	28200	15			12.5	28200	3.9	16700	2.62	8.5		
ED*4X36F**	*9MV*1002120A**	TDR&TXV	28000	15			12.5	28000	3.84	16600	2.62	8.5		
ED*4X36F**	*9MX*0601714A**	TDR&TXV	28000	14.5			12	28200	3.86	17000	2.6	8.2		
ED*4X36F**	*9MX*0801716A**	TDR&TXV	28200	14.5			12	28400	3.9	17100	2.62	8.5		
ED*4X36F**	MV08B15**B*	TDR&TXV	28000	15			12.5	28000	3.94	16700	2.66	8.5		
ED*4X36F**	MV12F19**B*	TDR&TXV	28200	15.2			12.5	27800	3.96	16600	2.66	8.5		

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
				Capacity BTU/hr	SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV					
TSH530GKA	ED*4X36F**	*8MPV050	TDR&TXV	28000	13.7			11.5	28800	3.8	17400	2.54
	ED*4X36F**	*8MPV075	TDR&TXV	28200	14.5			12	28400	3.92	17100	2.62
	ED*4X36F**	*9MA*1002120A**	TDR&TXV	28000	14.5			12	28200	3.88	16900	2.62
	ED*4X36F**	*9MPV050	TDR&TXV	27800	14			11.7	28400	3.8	17100	2.56
	ED*4X36F**	*9MPV075	TDR&TXV	28000	14			11.7	28400	3.82	17100	2.58
	ED*4X36F**	*9MV*1002116A**	TDR&TXV	28000	14.5			12	28000	3.86	16800	2.6
	ED*4X36F**	*9MVX040	TDR&TXV	27800	14			11.7	28400	3.8	17100	2.56
	ED*4X36F**	*9MVX060	TDR&TXV	28000	14.2			12	28400	3.86	17100	2.58
	ED*4X36F**	OLV098A12A	TDR&TXV	27800	14.5			12.2	28200	3.82	16900	2.58
	ED*4X36F**	OLV112A16A	TDR&TXV	28000	14.5			12.2	28200	3.9	17000	2.62
	ED*4X36F**	OMV112K14A	TDR&TXV	28000	15			12.5	28000	3.9	16800	2.62
	ED*4X36F**		TXV	27800		13.2		11.2	29000	3.74	17700	2.5
	ED*4X36J**	*8MV*1102120**	TDR&TXV	28000	15			12.5	28000	3.88	16700	2.62
	ED*4X36J**	*8MV*1352422**	TDR&TXV	28000	15			12.5	27800	3.9	16600	2.64
	ED*4X36J**	*8MX*0902116**	TDR&TXV	28200	15			12.5	28200	3.94	16900	2.64
	ED*4X36J**	*9MA*0602120A**	TDR&TXV	28200	14.5			12.2	28400	3.86	16800	2.6
	ED*4X36J**	*9MA*0802120A**	TDR&TXV	28200	15			12.5	28200	3.9	16700	2.62
	ED*4X36J**	*9MA*1002122A**	TDR&TXV	28400	15			12.5	28200	3.94	16700	2.66
	ED*4X36J**	*9MA*1202422A**	TDR&TXV	28000	15			12.5	28000	3.9	16700	2.64
	ED*4X36J**	*9MV*0802120A**	TDR&TXV	28200	15			12.5	28200	3.92	16800	2.64
	ED*4X36J**	*9MV*1002120A**	TDR&TXV	28200	15			12.5	28200	3.9	16700	2.64
	ED*4X36J**	*9MV*1202422A**	TDR&TXV	28200	15			12.5	28200	3.94	16800	2.64
	ED*4X36J**	MV12F19**B*	TDR&TXV	28200	15.2			12.5	27800	3.98	16600	2.68
	ED*4X36J**	*8MPV075	TDR&TXV	28400	14.5			12	28200	3.94	17100	2.64
	ED*4X36J**	*8MPV100	TDR&TXV	28400	15			12.5	28400	4	16900	2.68
	ED*4X36J**	*8MPV125	TDR&TXV	28400	15			12.5	28200	4.02	16900	2.68
	ED*4X36J**	*9MA*1002120A**	TDR&TXV	28000	15			12.5	28200	3.9	16900	2.62
	ED*4X36J**	*9MPV050	TDR&TXV	28000	14			11.7	28400	3.82	17100	2.58
	ED*4X36J**	*9MPV075	TDR&TXV	28000	14			11.7	28400	3.86	17100	2.58
	ED*4X36J**	*9MPV100	TDR&TXV	28400	14.5			12.2	28400	3.98	17100	2.66
	ED*4X36J**	*9MPV125	TDR&TXV	28400	15			12.5	28200	3.98	16900	2.66
	ED*4X36J**	*9MV*1002116A**	TDR&TXV	28000	15			12.5	28200	3.9	16800	2.62
	ED*4X36J**	*9MVX040	TDR&TXV	28000	14			11.7	28400	3.82	17100	2.58
	ED*4X36J**	*9MVX060	TDR&TXV	28200	14			11.7	28600	3.9	17200	2.6
	ED*4X36J**	*9MVX080	TDR&TXV	28400	14.5			12.2	28400	3.98	17100	2.66

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP	
						W/ field TDR	W/ field TXV						
TSH530GKA	ED*4X36J**	*9MVX100	TDR&TXV	28200	15			12.5	28200	3.96	16900	2.66	8.5
	ED*4X36J**	OLV112A16A	TDR&TXV	28200	14.5			12.2	28200	3.92	16900	2.62	8.5
	ED*4X36J**		TXV	27800		13.2		11.2	28400	3.74	17700	2.5	8.2
	EHD4X30A**	*8MV*0701412**	TDR&TXV	27800	14.5			12	28000	3.82	16800	2.58	8.2
	EHD4X30A**	*8MV*0901716**	TDR&TXV	27800	15			12.5	28000	3.84	16700	2.6	8.5
	EHD4X30A**	*8MV*1102120**	TDR&TXV	28000	14.5			12	28000	3.86	16800	2.6	8.2
	EHD4X30A**	*8MV*1352422**	TDR&TXV	28000	15			12.5	28000	3.86	16700	2.62	8.2
	EHD4X30A**	*8MX*0701716**	TDR&TXV	27800	14.5			12	28200	3.82	17000	2.58	8.2
	EHD4X30A**	*8MX*0902116**	TDR&TXV	28000	14.5			12	28200	3.84	16800	2.6	8.2
	EHD4X30A**	*9MA*0601714A**	TDR&TXV	27800	14			11.7	28400	3.84	17000	2.56	8.2
	EHD4X30A**	*9MA*0602120A**	TDR&TXV	28200	14.5			12	28600	3.88	17000	2.6	8.2
	EHD4X30A**	*9MA*0801714A**	TDR&TXV	28000	14			12	28400	3.88	17000	2.6	8.2
	EHD4X30A**	*9MA*0802120A**	TDR&TXV	28200	14.5			12.2	28400	3.9	16900	2.6	8.2
	EHD4X30A**	*9MA*1002122A**	TDR&TXV	28400	14.5			12.2	28400	3.96	16900	2.64	8.5
	EHD4X30A**	*9MA*1202422A**	TDR&TXV	28000	14.5			12	28200	3.92	16900	2.62	8.5
	EHD4X30A**	*9MV*0601714A**	TDR&TXV	27800	14.5			12	28200	3.84	16900	2.58	8.2
	EHD4X30A**	*9MV*0801716A**	TDR&TXV	27800	14.5			12	28200	3.88	16900	2.6	8.2
	EHD4X30A**	*9MV*0802120A**	TDR&TXV	28000	14.5			12.2	28200	3.9	16700	2.62	8.2
	EHD4X30A**	*9MV*1002120A**	TDR&TXV	27800	14.5			12.2	28000	3.84	16600	2.58	8.2
	EHD4X30A**	*9MV*1202422A**	TDR&TXV	28000	14.5			12.5	28000	3.9	16800	2.62	8.5
	EHD4X30A**	*9MX*0601714A**	TDR&TXV	28000	14.5			12	28400	3.88	17000	2.58	8.2
	EHD4X30A**	*9MX*0801716A**	TDR&TXV	28200	14			12	28400	3.94	17100	2.62	8.5
	EHD4X30A**	MV08B15**B*	TDR&TXV	28200	15			12.5	28200	3.98	16800	2.66	8.5
	EHD4X30A**	MV12F19**B*	TDR&TXV	28200	15			12.5	28000	4	16700	2.66	8.5
	EHD4X30A**	*8MPV050	TDR&TXV	28000	13.7			11.3	28400	3.82	17500	2.54	8.2
	EHD4X30A**	*8MPV075	TDR&TXV	28000	14			12	28200	3.9	17100	2.6	8.2
	EHD4X30A**	*8MPV100	TDR&TXV	28200	14.5			12.5	28200	3.96	16900	2.64	8.5
	EHD4X30A**	*8MPV125	TDR&TXV	28200	15			12.5	28200	3.96	16900	2.64	8.5
	EHD4X30A**	*9MA*1002120A**	TDR&TXV	28000	14.5			12	28400	3.92	17000	2.62	8.5
	EHD4X30A**	*9MPV050	TDR&TXV	27800	14			11.7	28400	3.82	17100	2.56	8.2
	EHD4X30A**	*9MPV075	TDR&TXV	27800	14			11.7	28400	3.82	17100	2.56	8.2
	EHD4X30A**	*9MPV100	TDR&TXV	28000	14.5			12	28400	3.9	17000	2.6	8.2
	EHD4X30A**	*9MPV125	TDR&TXV	28000	14.5			12	28200	3.92	16900	2.62	8.5
	EHD4X30A**	*9MV*1002116A**	TDR&TXV	27800	14.5			12	28200	3.86	16800	2.6	8.2
	EHD4X30A**	*9MVX040	TDR&TXV	27800	14			11.5	28400	3.76	17100	2.54	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						TDR	W/ field TXV							
TSH530GKA	EHD4X30A**	*9MVX060	TDR&TXV	28000	14			11.7	28400	3.8	17100	2.56	8.2	
	EHD4X30A**	OLV098A12A	TDR&TXV	27800	14			12	28400	3.86	17000	2.58	8.2	
	EHD4X30A**	OLV112A16A	TDR&TXV	28200	14.5			12	28400	3.92	17100	2.6	8.5	
	EHD4X30A**	OMV098J12A	TDR&TXV	28000	14			11.7	28400	3.86	17100	2.58	8.2	
	EHD4X30A**	OMV112K14A	TDR&TXV	28000	14.5			12.2	28200	3.92	16900	2.62	8.5	
	EHD4X30A**		TXV	28000		13.5		11.2	29000	3.76	17700	2.52	8	
	EHD4X36A**	*8MV*0701412**	TDR&TXV	28200	14.5			12.5	28200	3.92	16900	2.64	8.2	
	EHD4X36A**	*8MV*0901716**	TDR&TXV	28400	15			12.5	28000	3.96	16700	2.66	8.5	
	EHD4X36A**	*8MV*1102120**	TDR&TXV	28400	15			12.5	28200	3.98	16800	2.66	8.5	
	EHD4X36A**	*8MV*1352422**	TDR&TXV	28400	15			12.5	28200	3.98	16800	2.66	8.5	
	EHD4X36A**	*8MX*0701716**	TDR&TXV	28400	14.5			12	28400	3.96	17100	2.64	8.3	
	EHD4X36A**	*8MX*0902116**	TDR&TXV	28600	15			12.5	28400	4.02	17000	2.66	8.5	
	EHD4X36A**	*9MA*0601714A**	TDR&TXV	28200	14.5			12	28400	3.9	17000	2.6	8.2	
	EHD4X36A**	*9MA*0602120A**	TDR&TXV	28600	14.5			12.2	28600	3.96	17000	2.64	8.5	
	EHD4X36A**	*9MA*0801714A**	TDR&TXV	28400	15			12.5	28400	3.96	17000	2.64	8.5	
	EHD4X36A**	*9MA*0802120A**	TDR&TXV	28600	15			12.5	28400	3.98	16900	2.66	8.5	
	EHD4X36A**	*9MA*1002122A**	TDR&TXV	28800	15			12.7	28600	4.04	16900	2.68	8.5	
	EHD4X36A**	*9MA*1202422A**	TDR&TXV	28600	15			12.5	28200	4	16900	2.66	8.5	
	EHD4X36A**	*9MV*0601714A**	TDR&TXV	28200	14.5			12	28400	3.92	17000	2.62	8.5	
	EHD4X36A**	*9MV*0801716A**	TDR&TXV	28400	15			12.5	28400	3.96	16900	2.64	8.5	
	EHD4X36A**	*9MV*0802120A**	TDR&TXV	28600	15			12.7	28400	4	16800	2.66	8.5	
	EHD4X36A**	*9MV*1002120A**	TDR&TXV	28400	15			12.5	28200	3.94	16700	2.64	8.5	
	EHD4X36A**	*9MV*1202422A**	TDR&TXV	28600	15			12.5	28200	4	16900	2.66	8.5	
	EHD4X36A**	*9MX*0601714A**	TDR&TXV	28600	14.5			12	28600	3.96	17100	2.64	8.5	
	EHD4X36A**	*9MX*0801716A**	TDR&TXV	28800	14.5			12.2	28600	4.02	17200	2.66	8.5	
	EHD4X36A**	MV08B15**B*	TDR&TXV	28600	15.2			12.7	28200	4.04	16800	2.7	8.5	
	EHD4X36A**	MV12F19**B*	TDR&TXV	28600	15.5			12.7	28200	4.06	16700	2.7	8.5	
	EHD4X36A**	*8MPV050	TDR&TXV	28600	14			11.5	28600	3.92	17600	2.58	8.5	
	EHD4X36A**	*8MPV075	TDR&TXV	28800	14.5			12.5	28400	4.02	17200	2.66	8.5	
	EHD4X36A**	*8MPV100	TDR&TXV	28800	15			12.5	28400	4.08	17000	2.7	8.5	
	EHD4X36A**	*8MPV125	TDR&TXV	28800	15			12.5	28400	4.08	17000	2.7	8.7	
	EHD4X36A**	*9MA*1002120A**	TDR&TXV	28600	15			12.5	28400	4	17000	2.66	8.5	
	EHD4X36A**	*9MPV050	TDR&TXV	28400	14			12	28600	3.9	17200	2.6	8.2	
	EHD4X36A**	*9MPV075	TDR&TXV	28400	14			12	28600	3.92	17200	2.6	8.5	
	EHD4X36A**	*9MPV100	TDR&TXV	28800	15			12.5	28600	4.04	17100	2.68	8.5	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models															
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.															
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP			
						TDR	W/ field TXV								
TSH530GKA	EHD4X36A**	*9MPV125	TDR&TXV	28800	15				12.5	28400	4.06	17000	2.68	8.5	
	EHD4X36A**	*9MV*1002116A**	TDR&TXV	28400	15				12.5	28200	3.96	16900	2.64	8.5	
	EHD4X36A**	*9MVX040	TDR&TXV	28400	14.5				12	28600	3.9	17200	2.6	8.2	
	EHD4X36A**	*9MVX060	TDR&TXV	28600	14.5				12	28600	3.96	17300	2.62	8.2	
	EHD4X36A**	OLV098A12A	TDR&TXV	28400	14.5				12.2	28400	3.92	17000	2.62	8.5	
	EHD4X36A**	OLV112A16A	TDR&TXV	28600	15				12.2	28400	4	17100	2.66	8.5	
	EHD4X36A**	OMV098J12A	TDR&TXV	28400	14.5				12.2	28400	3.92	17100	2.62	8.5	
	EHD4X36A**	OMV112K14A	TDR&TXV	28600	15				12.5	28200	4	16900	2.66	8.5	
	EHD4X36A**		TXV	28400		13.7			11.5	29200	3.86	17800	2.54	8.2	
	EN(A,D)4X30*14**	*8MV*0701412**	TDR&TXV	27600	14.5				12	28000	3.78	16800	2.56	8.2	
	EN(A,D)4X30*14**	MV08B15**B*	TDR&TXV	28000	14.5				12.5	28000	3.88	16800	2.62	8.2	
	EN(A,D)4X30*14**	*8MPV050	TDR&TXV	27600	13.5				11.3	28200	3.72	17400	2.52	8	
	EN(A,D)4X30*14**		TXV	27800		13.2			11.2	29000	3.74	17700	2.5	8	
	EN(A,D)4X30*17**	*8MV*0901716**	TDR&TXV	27800	15				12.5	27800	3.84	16600	2.6	8.5	
	EN(A,D)4X30*17**	*8MX*0701716**	TDR&TXV	27800	14.5				12	28200	3.82	17000	2.58	8.2	
	EN(A,D)4X30*17**	*9MA*0601714A**	TDR&TXV	27600	14				11.7	28200	3.78	16900	2.56	8.2	
	EN(A,D)4X30*17**	*9MA*0801714A**	TDR&TXV	27800	14.5				12	28200	3.82	16900	2.58	8.2	
	EN(A,D)4X30*17**	*9MV*0601714A**	TDR&TXV	27600	14.5				12	28000	3.78	16800	2.56	8.2	
	EN(A,D)4X30*17**	*9MV*0801716A**	TDR&TXV	27800	14.5				12	28000	3.84	16800	2.6	8.2	
	EN(A,D)4X30*17**	*9MX*0601714A**	TDR&TXV	27800	14.5				12	28200	3.82	17000	2.58	8.2	
	EN(A,D)4X30*17**	*9MX*0801716A**	TDR&TXV	28000	14				12	28400	3.88	17100	2.6	8.2	
	EN(A,D)4X30*17**	MV08B15**B*	TDR&TXV	28000	15				12.5	28000	3.9	16700	2.64	8.5	
	EN(A,D)4X30*17**	MV12F19**B*	TDR&TXV	28000	15				12.5	27800	3.94	16600	2.66	8.5	
	EN(A,D)4X30*17**	*8MPV050	TDR&TXV	27800	13.7				11.5	28800	3.78	17400	2.54	8.2	
	EN(A,D)4X30*17**	*8MPV075	TDR&TXV	28000	14				12	28400	3.86	17000	2.6	8.2	
	EN(A,D)4X30*17**	*9MPV050	TDR&TXV	27600	14				11.7	28400	3.76	17100	2.54	8.2	
	EN(A,D)4X30*17**	*9MPV075	TDR&TXV	27800	14				11.7	28400	3.78	17100	2.56	8.2	
	EN(A,D)4X30*17**	*9MVX040	TDR&TXV	27800	14				11.7	28400	3.78	17100	2.54	8.2	
	EN(A,D)4X30*17**	*9MVX060	TDR&TXV	27800	14				11.7	28400	3.82	17100	2.58	8.2	
	EN(A,D)4X30*17**	OLV098A12A	TDR&TXV	27800	14				12	28200	3.8	16900	2.58	8.2	
	EN(A,D)4X30*17**	OMV098J12A	TDR&TXV	27800	14				12	28200	3.8	17000	2.56	8.2	
	EN(A,D)4X30*17**	OMV112K14A	TDR&TXV	28000	14.5				12.2	28000	3.86	16800	2.62	8.2	
	EN(A,D)4X30*17**		TXV	27800		13.2			11.2	29000	3.74	17700	2.5	8	
	EN(A,D)4X31*17**	*8MV*0901716**	TDR&TXV	28400	15				12.5	27800	4	16800	2.66	8.5	
	EN(A,D)4X31*17**	*8MX*0701716**	TDR&TXV	28600	14.5				12	28000	4	17100	2.64	8.5	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
				Capacity BTU/hr	SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV					
TSH530GKA	EN(A,D)4X31*17**	*9MA*0601714A**	TDR&TXV	28200	14.5			12	28000	3.94	17000	2.62
	EN(A,D)4X31*17**	*9MA*0801714A**	TDR&TXV	28400	15			12.5	28000	4	17000	2.66
	EN(A,D)4X31*17**	*9MV*0601714A**	TDR&TXV	28400	14.5			12	28000	3.96	17000	2.64
	EN(A,D)4X31*17**	*9MV*0801716A**	TDR&TXV	28400	15			12.5	28000	4	17000	2.66
	EN(A,D)4X31*17**	*9MX*0601714A**	TDR&TXV	28600	14.5			12	28000	4	17100	2.64
	EN(A,D)4X31*17**	*9MX*0801716A**	TDR&TXV	28800	14.5			12.2	28000	4.06	17200	2.66
	EN(A,D)4X31*17**	MV08B15**B*	TDR&TXV	28600	15.2			12.7	27800	4.08	16800	2.7
	EN(A,D)4X31*17**	MV12F19**B*	TDR&TXV	28800	15.5			12.7	27800	4.1	16800	2.72
	EN(A,D)4X31*17**	*8MPV050	TDR&TXV	28600	14			11.7	28000	3.96	17600	2.6
	EN(A,D)4X31*17**	*8MPV075	TDR&TXV	28800	15			12.5	28000	4.08	17200	2.68
	EN(A,D)4X31*17**	*9MPV050	TDR&TXV	28400	14			12	28000	3.94	17200	2.62
	EN(A,D)4X31*17**	*9MPV075	TDR&TXV	28400	14.5			12	28000	3.96	17300	2.62
	EN(A,D)4X31*17**	*9MVX040	TDR&TXV	28400	14			12	28000	3.94	17200	2.62
	EN(A,D)4X31*17**	*9MVX060	TDR&TXV	28600	14.5			12.2	28000	4	17300	2.64
	EN(A,D)4X31*17**	OLV098A12A	TDR&TXV	28400	14.5			12.2	28000	3.96	17000	2.64
	EN(A,D)4X31*17**	OMV098J12A	TDR&TXV	28400	14.5			12.2	28000	3.96	17100	2.64
	EN(A,D)4X31*17**	OMV112K14A	TDR&TXV	28600	15			12.5	28000	4.04	16900	2.68
	EN(A,D)4X31*17**		TXV	28600		13.7		11.5	28000	3.9	17800	2.56
	EN(A,D)4X36*21**	*8MV*1102120**	TDR&TXV	27800	15			12.5	28000	3.84	16700	2.6
	EN(A,D)4X36*21**	*8MX*0902116**	TDR&TXV	28000	14.5			12	28200	3.86	16900	2.62
	EN(A,D)4X36*21**	*9MA*0601714A**	TDR&TXV	27600	14.5			12	28200	3.78	16900	2.56
	EN(A,D)4X36*21**	*9MA*0602120A**	TDR&TXV	28000	14.5			12	28400	3.82	16900	2.58
	EN(A,D)4X36*21**	*9MA*0801714A**	TDR&TXV	27800	14.5			12	28200	3.82	16900	2.58
	EN(A,D)4X36*21**	*9MA*0802120A**	TDR&TXV	28000	14.5			12.2	28200	3.84	16800	2.6
	EN(A,D)4X36*21**	*9MA*1002122A**	TDR&TXV	28200	15			12.5	28200	3.9	16800	2.64
	EN(A,D)4X36*21**	*9MV*0601714A**	TDR&TXV	27600	14.5			12	28000	3.8	16800	2.58
	EN(A,D)4X36*21**	*9MV*0801716A**	TDR&TXV	27800	14.5			12	28000	3.84	16800	2.6
	EN(A,D)4X36*21**	*9MV*0802120A**	TDR&TXV	28000	14.5			12.2	28200	3.86	16700	2.62
	EN(A,D)4X36*21**	*9MV*1002120A**	TDR&TXV	27800	14.5			12.2	28000	3.82	16600	2.6
	EN(A,D)4X36*21**	*9MX*0601714A**	TDR&TXV	27800	14.5			12	28200	3.84	17000	2.58
	EN(A,D)4X36*21**	*9MX*0801716A**	TDR&TXV	28200	14.5			12	28400	3.88	17100	2.6
	EN(A,D)4X36*21**	MV12F19**B*	TDR&TXV	28000	15			12.5	27800	3.94	16600	2.66
	EN(A,D)4X36*21**	*8MPV075	TDR&TXV	28000	14.5			12	28400	3.88	17000	2.6
	EN(A,D)4X36*21**	*8MPV100	TDR&TXV	28200	15			12.5	28200	3.92	16900	2.64
	EN(A,D)4X36*21**	*8MPV125	TDR&TXV	28200	15			12.5	28200	3.92	16900	2.64

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models														
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.														
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				Heat 17°F (-8.3°C)	
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						TDR	W/ field TXV							
TSH530GKA	EN(A,D)4X36*21**	*9MA*1002120A**	TDR&TXV	28000	14.5			12	28200	3.86	16900	2.6	8.2	
	EN(A,D)4X36*21**	*9MPV050	TDR&TXV	27800	14			11.7	28400	3.78	17100	2.56	8.2	
	EN(A,D)4X36*21**	*9MPV075	TDR&TXV	27800	14			11.7	28400	3.8	17100	2.56	8.2	
	EN(A,D)4X36*21**	*9MPV100	TDR&TXV	28000	14.5			12	28200	3.88	17000	2.62	8.2	
	EN(A,D)4X36*21**	*9MV*1002116A**	TDR&TXV	27800	14.5			12	28000	3.82	16800	2.6	8.2	
	EN(A,D)4X36*21**	*9MVX040	TDR&TXV	27800	14			11.7	28400	3.78	17100	2.56	8.2	
	EN(A,D)4X36*21**	*9MVX060	TDR&TXV	28000	14			11.7	28400	3.82	17100	2.58	8.2	
	EN(A,D)4X36*21**	*9MVX080	TDR&TXV	28200	14.5			12.2	28400	3.92	17100	2.62	8.5	
	EN(A,D)4X36*21**	OLV098A12A	TDR&TXV	27800	14			12	28200	3.8	16900	2.58	8.2	
	EN(A,D)4X36*21**	OLV112A16A	TDR&TXV	28000	14.5			12.2	28200	3.86	17000	2.6	8.2	
	EN(A,D)4X36*21**	OMV098J12A	TDR&TXV	27800	14			12	28200	3.8	17000	2.56	8.2	
	EN(A,D)4X36*21**	OMV112K14A	TDR&TXV	28000	14.5			12.2	28000	3.86	16800	2.62	8.2	
	EN(A,D)4X36*21**		TXV	27800		13.2		11.2	29000	3.74	17700	2.5	8	
	EN(A,D)4X37*17**	*8MV*0901716**	TDR&TXV	28800	15.5			12.5	27800	4.12	16800	2.7	8.7	
	EN(A,D)4X37*17**	*8MX*0701716**	TDR&TXV	29000	15			12.5	28000	4.12	17200	2.68	8.7	
	EN(A,D)4X37*17**	*9MA*0601714A**	TDR&TXV	28600	15			12.5	27800	4.06	17100	2.66	8.5	
	EN(A,D)4X37*17**	*9MA*0801714A**	TDR&TXV	28800	15			12.5	27800	4.1	17000	2.68	8.7	
	EN(A,D)4X37*17**	*9MV*0601714A**	TDR&TXV	28800	15			12.5	27800	4.08	17100	2.66	8.5	
	EN(A,D)4X37*17**	*9MV*0801716A**	TDR&TXV	28800	15			12.5	27800	4.12	17100	2.7	8.7	
	EN(A,D)4X37*17**	*9MX*0601714A**	TDR&TXV	29000	15			12.5	27800	4.12	17200	2.68	8.7	
	EN(A,D)4X37*17**	*9MX*0801716A**	TDR&TXV	29200	14.5			12.5	27800	4.16	17300	2.7	8.8	
	EN(A,D)4X37*17**	MV08B15**B*	TDR&TXV	29000	15.5			12.7	27800	4.2	16900	2.74	8.7	
	EN(A,D)4X37*17**	MV12F19**B*	TDR&TXV	29000	15.5			13	27800	4.24	16800	2.76	9	
	EN(A,D)4X37*17**	*8MPV050	TDR&TXV	29000	14			11.7	27800	4.04	17700	2.62	8.5	
	EN(A,D)4X37*17**	*8MPV075	TDR&TXV	29200	15			12.5	27800	4.18	17300	2.7	8.7	
	EN(A,D)4X37*17**	*9MPV050	TDR&TXV	28800	14.5			12	27800	4.06	17300	2.64	8.5	
	EN(A,D)4X37*17**	*9MPV075	TDR&TXV	29000	14.5			12	27800	4.08	17300	2.66	8.8	
	EN(A,D)4X37*17**	*9MVX040	TDR&TXV	28800	14.5			12.2	27800	4.06	17300	2.64	8.5	
	EN(A,D)4X37*17**	*9MVX060	TDR&TXV	29000	14.5			12.2	27800	4.12	17400	2.68	8.6	
	EN(A,D)4X37*17**	OLV098A12A	TDR&TXV	28800	15			12.5	27800	4.08	17100	2.68	8.5	
	EN(A,D)4X37*17**	OMV098J12A	TDR&TXV	28800	15			12.5	27800	4.08	17200	2.66	8.5	
	EN(A,D)4X37*17**	OMV112K14A	TDR&TXV	29000	15.2			12.7	27800	4.16	17000	2.72	8.7	
	EN(A,D)4X37*17**		TXV	28800		13.7		11.5	28000	3.96	17900	2.58	8.4	
	EN(A,D,W)4X36*17**	*8MV*0901716**	TDR&TXV	27800	15			12.5	27800	3.84	16600	2.6	8.5	
	EN(A,D,W)4X36*17**	*8MX*0701716**	TDR&TXV	27800	14.5			12	28200	3.82	17000	2.58	8.2	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Cooling 95°F (35°C)													Heat 47°F (8.3°C)			Heat 17°F (-8.3°C)		
	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	SEER			EER	Heat 47°F (8.3°C)			HSPF							
					Standard	W/ field TDR	W/ field TXV		BTU/hr	COP	BTU/hr		COP						
TSH530GKA	EN(A,D,W)4X36*17**	*9MA*0601714A**	TDR&TXV	27600	14			12	28200	3.78	16900	2.56	8.2						
	EN(A,D,W)4X36*17**	*9MA*0801714A**	TDR&TXV	27800	14.5			12	28200	3.82	16900	2.58	8.2						
	EN(A,D,W)4X36*17**	*9MV*0601714A**	TDR&TXV	27600	14.5			12	28000	3.78	16800	2.56	8.2						
	EN(A,D,W)4X36*17**	*9MV*0801716A**	TDR&TXV	27800	14.5			12	28000	3.84	16800	2.6	8.2						
	EN(A,D,W)4X36*17**	*9MX*0601714A**	TDR&TXV	27800	14.5			12	28200	3.82	17000	2.58	8.2						
	EN(A,D,W)4X36*17**	*9MX*0801716A**	TDR&TXV	28000	14			12	28400	3.88	17100	2.6	8.2						
	EN(A,D,W)4X36*17**	MV08B15**B*	TDR&TXV	28000	15			12.5	28000	3.9	16700	2.64	8.5						
	EN(A,D,W)4X36*17**	MV12F19**B*	TDR&TXV	28000	15			12.5	27800	3.94	16600	2.66	8.5						
	EN(A,D,W)4X36*17**	*8MPV050	TDR&TXV	27800	13.7			11.5	28600	3.78	17400	2.54	8.2						
	EN(A,D,W)4X36*17**	*8MPV075	TDR&TXV	28000	14			12	28400	3.86	17000	2.6	8.2						
	EN(A,D,W)4X36*17**	*9MPV050	TDR&TXV	27600	14			11.7	28400	3.76	17100	2.54	8.2						
	EN(A,D,W)4X36*17**	*9MPV075	TDR&TXV	27800	14			11.7	28400	3.78	17100	2.56	8.2						
	EN(A,D,W)4X36*17**	*9MVX040	TDR&TXV	27800	14			11.7	28400	3.78	17100	2.54	8.2						
	EN(A,D,W)4X36*17**	*9MVX060	TDR&TXV	27800	14			11.7	28400	3.82	17100	2.58	8.2						
	EN(A,D,W)4X36*17**	OLV098A12A	TDR&TXV	27800	14.5			12	28200	3.8	16900	2.58	8.2						
	EN(A,D,W)4X36*17**	OMV098J12A	TDR&TXV	27800	14			12	28200	3.8	17000	2.56	8.2						
	EN(A,D,W)4X36*17**	OMV112K14A	TDR&TXV	28000	14.5			12.2	28000	3.86	16800	2.62	8.2						
	EN(A,D,W)4X36*17**		TXV	27800		13.2		11.2	29000	3.74	17700	2.5	8						
	ENH4X30*17**	*8MV*0701412**	TDR&TXV	27800	14.5			12	28000	3.8	16800	2.58	8.2						
	ENH4X30*17**	*8MV*0901716**	TDR&TXV	27800	15			12.5	27800	3.84	16600	2.6	8.5						
	ENH4X30*17**	*8MV*1102120**	TDR&TXV	27800	14.5			12	28000	3.84	16700	2.6	8.5						
	ENH4X30*17**	*8MV*1352422**	TDR&TXV	27800	15			12.5	27800	3.86	16700	2.62	8.5						
	ENH4X30*17**	*8MX*0701716**	TDR&TXV	27800	14.5			12	28200	3.82	17000	2.58	8.2						
	ENH4X30*17**	*8MX*0902116**	TDR&TXV	27800	14.5			12	28200	3.86	16800	2.6	8.2						
	ENH4X30*17**	*9MA*0601714A**	TDR&TXV	27600	14			12	28200	3.78	16900	2.56	8.2						
	ENH4X30*17**	*9MA*0801714A**	TDR&TXV	27800	14.5			12	28200	3.82	16900	2.58	8.2						
	ENH4X30*17**	*9MA*1202422A**	TDR&TXV	28000	14.5			12.2	28000	3.86	16800	2.62	8.2						
	ENH4X30*17**	*9MV*0601714A**	TDR&TXV	27600	14.5			12	28000	3.78	16800	2.56	8.2						
	ENH4X30*17**	*9MV*0801716A**	TDR&TXV	27800	14.5			12	28000	3.84	16800	2.6	8.2						
	ENH4X30*17**	*9MV*1202422A**	TDR&TXV	27800	14.5			12.5	28000	3.86	16700	2.62	8.2						
	ENH4X30*17**	*9MX*0601714A**	TDR&TXV	27800	14.5			12	28200	3.82	17000	2.58	8.2						
	ENH4X30*17**	*9MX*0801716A**	TDR&TXV	28000	14			12	28400	3.88	17100	2.6	8.2						
	ENH4X30*17**	MV08B15**B*	TDR&TXV	28000	15			12.5	28000	3.9	16700	2.64	8.5						
	ENH4X30*17**	MV12F19**B*	TDR&TXV	28000	15			12.5	27800	3.94	16600	2.66	8.5						
	ENH4X30*17**	*8MPV050	TDR&TXV	27800	13.7			11.5	28800	3.78	17400	2.54	8.2						

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP	
						W/ field TDR	W/ field TXV						
TSH530GKA	ENH4X30*17**	*8MPV075	TDR&TXV	28000	14			12	28400	3.86	17000	2.6	8.2
	ENH4X30*17**	*8MPV100	TDR&TXV	28200	15			12.5	28200	3.92	16900	2.64	8.5
	ENH4X30*17**	*8MPV125	TDR&TXV	28200	15			12.5	28200	3.92	16900	2.64	8.5
	ENH4X30*17**	*9MA*1002120A**	TDR&TXV	28000	14.5			12	28200	3.86	16900	2.6	8.2
	ENH4X30*17**	*9MPV050	TDR&TXV	27600	14			11.7	28400	3.76	17100	2.54	8.2
	ENH4X30*17**	*9MPV075	TDR&TXV	27800	14			11.7	28400	3.78	17100	2.56	8.2
	ENH4X30*17**	*9MPV100	TDR&TXV	28000	14.5			12	28200	3.88	17000	2.6	8.2
	ENH4X30*17**	*9MPV125	TDR&TXV	28000	14.5			12.2	28200	3.9	16900	2.62	8.2
	ENH4X30*17**	*9MV*1002116A**	TDR&TXV	27800	14.5			12	28000	3.82	16800	2.6	8.2
	ENH4X30*17**	*9MVX040	TDR&TXV	27800	14			11.5	28400	3.78	17100	2.54	8.2
	ENH4X30*17**	*9MVX060	TDR&TXV	27800	14			11.7	28400	3.82	17100	2.58	8.2
	ENH4X30*17**	OLV098A12A	TDR&TXV	27800	14			12	28200	3.8	16900	2.58	8.2
	ENH4X30*17**	OLV112A16A	TDR&TXV	28000	14.5			12	28200	3.86	17000	2.6	8.2
	ENH4X30*17**	OMV098J12A	TDR&TXV	27800	14			12	28200	3.8	17000	2.56	8.2
	ENH4X30*17**	OMV112K14A	TDR&TXV	28000	14.5			12.2	28000	3.86	16800	2.62	8.2
	ENH4X30*17**		TXV	27800		13.2		11.2	29000	3.74	17700	2.5	8
	ENH4X31*17**	*9MA*0601714A**	TDR&TXV	28200	14.5			12	28000	3.94	17000	2.62	8.5
	ENH4X31*17**	*9MA*0801714A**	TDR&TXV	28400	15			12.5	28000	4	17000	2.66	8.5
	ENH4X31*17**	*9MA*1202422A**	TDR&TXV	28600	15			12.5	28000	4.04	16900	2.68	8.5
	ENH4X31*17**	*9MV*0601714A**	TDR&TXV	28400	14.5			12.2	28000	3.96	17000	2.64	8.5
	ENH4X31*17**	*9MV*0801716A**	TDR&TXV	28400	15			12.5	28000	4	17000	2.66	8.5
	ENH4X31*17**	*9MV*1202422A**	TDR&TXV	28600	15.2			12.5	28000	4.06	16900	2.68	8.5
	ENH4X31*17**	*9MX*0601714A**	TDR&TXV	28600	14.5			12	28000	4	17100	2.64	8.5
	ENH4X31*17**	*9MX*0801716A**	TDR&TXV	28800	14.5			12.5	28000	4.08	17300	2.68	8.5
	ENH4X31*17**	MV08B15**B*	TDR&TXV	28600	15.2			12.7	27800	4.08	16800	2.7	8.5
	ENH4X31*17**	MV12F19**B*	TDR&TXV	28800	15.5			12.7	27800	4.1	16800	2.72	8.7
	ENH4X31*17**	*8MPV050	TDR&TXV	28600	14			11.7	28000	3.96	17600	2.6	8.5
	ENH4X31*17**	*8MPV075	TDR&TXV	28800	15			12.5	28000	4.08	17200	2.68	8.5
	ENH4X31*17**	*8MPV100	TDR&TXV	28800	15			12.5	28000	4.12	17100	2.7	8.7
	ENH4X31*17**	*8MPV125	TDR&TXV	28800	15.2			12.5	28000	4.14	17000	2.72	8.7
	ENH4X31*17**	*9MA*1002120A**	TDR&TXV	28600	15			12.5	28000	4.04	17000	2.66	8.5
	ENH4X31*17**	*9MPV050	TDR&TXV	28400	14			12	28000	3.94	17200	2.62	8.5
	ENH4X31*17**	*9MPV075	TDR&TXV	28400	14.5			12	28000	3.96	17300	2.62	8.5
	ENH4X31*17**	*9MPV100	TDR&TXV	28800	15			12.5	28000	4.08	17200	2.68	8.5
	ENH4X31*17**	*9MPV125	TDR&TXV	28800	15			12.5	28000	4.1	17100	2.7	8.7

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP	
						W/ field TDR	W/ field TXV						
TSH530GKA	ENH4X31*17**	*9MV*1002116A**	TDR&TXV	28400	15			12.5	28000	4	16900	2.66	8.5
	ENH4X31*17**	*9MVX040	TDR&TXV	28400	14.5			12	28000	3.94	17200	2.62	8.4
	ENH4X31*17**	*9MVX060	TDR&TXV	28600	14.5			12.2	28000	4	17300	2.64	8.5
	ENH4X31*17**	OLV098A12A	TDR&TXV	28400	14.5			12.5	28000	3.98	17000	2.64	8.5
	ENH4X31*17**	OLV112A16A	TDR&TXV	28600	15			12.5	28000	4.04	17100	2.66	8.5
	ENH4X31*17**	OMV098J12A	TDR&TXV	28400	14.5			12.2	28000	3.96	17100	2.64	8.5
	ENH4X31*17**	OMV112K14A	TDR&TXV	28600	15			12.5	28000	4.04	16900	2.68	8.5
	ENH4X36*17**	*8MV*0701412**	TDR&TXV	27800	14.5			12	28000	3.8	16800	2.58	8.2
	ENH4X36*17**	*8MV*0901716**	TDR&TXV	27800	15			12.5	27800	3.84	16600	2.6	8.5
	ENH4X36*17**	*8MV*1102120**	TDR&TXV	27800	14.5			12	28000	3.84	16700	2.6	8.5
	ENH4X36*17**	*8MV*1352422**	TDR&TXV	27800	15			12.5	27800	3.86	16700	2.62	8.5
	ENH4X36*17**	*8MX*0701716**	TDR&TXV	27800	14.5			12	28200	3.82	17000	2.58	8.2
	ENH4X36*17**	*8MX*0902116**	TDR&TXV	28000	14.5			12	28200	3.86	16800	2.6	8.2
	ENH4X36*17**	*9MA*0601714A**	TDR&TXV	27600	14			11.7	28200	3.78	16900	2.56	8.2
	ENH4X36*17**	*9MA*0801714A**	TDR&TXV	27800	14.5			12	28200	3.82	16900	2.58	8.2
	ENH4X36*17**	*9MA*1202422A**	TDR&TXV	28000	14.5			12.2	28000	3.86	16800	2.62	8.2
	ENH4X36*17**	*9MV*0601714A**	TDR&TXV	27600	14.5			12	28000	3.78	16800	2.56	8.2
	ENH4X36*17**	*9MV*0801716A**	TDR&TXV	27800	14.5			12	28000	3.84	16800	2.6	8.2
	ENH4X36*17**	*9MV*1202422A**	TDR&TXV	27800	14.5			12.5	28000	3.86	16700	2.62	8.2
	ENH4X36*17**	*9MX*0601714A**	TDR&TXV	27800	14.5			12	28200	3.82	17000	2.58	8.2
	ENH4X36*17**	*9MX*0801716A**	TDR&TXV	28000	14			12	28400	3.88	17100	2.6	8.2
	ENH4X36*17**	MV08B15**B*	TDR&TXV	28000	15			12.5	28000	3.9	16700	2.64	8.5
	ENH4X36*17**	MV12F19**B*	TDR&TXV	28000	15			12.5	27800	3.94	16600	2.66	8.5
	ENH4X36*17**	*8MPV050	TDR&TXV	27800	13.7			11.5	28600	3.78	17400	2.54	8.2
	ENH4X36*17**	*8MPV075	TDR&TXV	28000	14			12	28400	3.86	17000	2.6	8.2
	ENH4X36*17**	*8MPV100	TDR&TXV	28200	15			12.5	28200	3.92	16900	2.64	8.5
	ENH4X36*17**	*8MPV125	TDR&TXV	28200	15			12.5	28200	3.92	16900	2.64	8.5
	ENH4X36*17**	*9MA*1002120A**	TDR&TXV	28000	14.5			12	28200	3.86	16900	2.6	8.2
	ENH4X36*17**	*9MPV050	TDR&TXV	27600	14			11.7	28400	3.76	17100	2.54	8.2
	ENH4X36*17**	*9MPV075	TDR&TXV	27800	14			11.7	28400	3.78	17100	2.56	8.2
	ENH4X36*17**	*9MPV100	TDR&TXV	28000	14.5			12	28200	3.88	17000	2.6	8.2
	ENH4X36*17**	*9MPV125	TDR&TXV	28000	14.5			12.2	28200	3.9	16900	2.62	8.2
	ENH4X36*17**	*9MV*1002116A**	TDR&TXV	27800	14.5			12	28000	3.82	16800	2.6	8.2
	ENH4X36*17**	*9MVX040	TDR&TXV	27800	14			11.5	28400	3.78	17100	2.54	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models												
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.												
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			
					SEER		EER		Heat 17°F (-8.3°C)		HSPF	
					Standard	W/ field TDR	W/ field TXV		BTU/hr	COP	BTU/hr	COP
TSH530GKA	ENH4X36*17**	*9MVX060	TDR&TXV	27800	14			11.7	28400	3.82	17100	2.58
	ENH4X36*17**	OLV098A12A	TDR&TXV	27800	14			12	28200	3.8	16900	2.58
	ENH4X36*17**	OLV112A16A	TDR&TXV	28000	14.5			12	28200	3.86	17000	2.6
	ENH4X36*17**	OMV098J12A	TDR&TXV	27800	14			12	28200	3.8	17000	2.56
	ENH4X36*17**	OMV112K14A	TDR&TXV	28000	14.5			12.2	28000	3.86	16800	2.62
	ENH4X36*17**		TXV	27800		13.2		11.2	29000	3.74	17700	2.5
2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.												

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						W/ field TDR	W/ field TXV							
TSH536GKA	*FXM4X36**A*		TDR&TXV	35000	15			12.5	35000	3.88	21800	2.64	8.7	
	FCM4X24****		TDR&TXV	33600	14			11.7	34400	3.7	21400	2.54	8.2	
	FCM4X36****		TDR&TXV	33800	14.5			12.2	34000	3.72	21000	2.56	8.2	
	FCM4X48****		TDR&TXV	35000	15.2			12.5	34000	3.94	21400	2.68	8.6	
	FEA4X36**A*		TDR&TXV	33800	13			11	35200	3.58	22200	2.48	8	
	FEM4P36**A*		TDR	33600			13.5	11.5	34800	3.66	21800	2.5	8.2	
	FEM4P42**A*		TDR	35000			14.5	12	35000	3.86	21800	2.64	8.5	
	FEM4X36****		TDR&TXV	34800	14			11.7	34800	3.82	22000	2.6	8.5	
	FEM4X42****		TDR&TXV	34800	14			11.7	35200	3.8	22000	2.58	8.5	
	FS(M,U)4P36**A*		TDR	34000			13.7	11.2	35000	3.66	22000	2.52	8.2	
	FS(M,U)4P42**A*		TDR	34600			14	11.5	35200	3.74	22200	2.56	8.2	
	FSA4X36**A*		TDR&TXV	33600	13			11	35200	3.54	22400	2.44	8	
	FVM4X24****		TDR&TXV	33600	14			11.7	34400	3.7	21400	2.54	8.2	
	FVM4X36****		TDR&TXV	33800	14.5			12	34000	3.72	21000	2.56	8.2	
	FVM4X48****		TDR&TXV	35000	15.2			12.5	34000	3.94	21400	2.68	8.6	
	FXM4X42**A*		TDR&TXV	35000	15			12.5	34800	3.88	21800	2.64	8.5	
	EA*4X36**14A*	*8MV*0701412**	TDR&TXV	33200	14			11.5	34200	3.58	21400	2.5	8	
	EA*4X36**14A*	*8MX*0451408**	TDR&TXV	33200	13.5			11	34600	3.54	21800	2.46	8	
	EA*4X36**14A*	MV08B15**B*	TDR&TXV	33600	14.5			12	34200	3.68	21200	2.56	8.2	
	EA*4X36**14A*	*8MPV050	TDR&TXV	33000	13.2			11	34600	3.48	21800	2.44	8	
	EA*4X36**14A*		TXV	33400		13		11	35000	3.54	22000	2.46	8	
	EA*4X36**17A*	*8MV*0901716**	TDR&TXV	33400	14.5			12	34000	3.64	21200	2.54	8.2	
	EA*4X36**17A*	*8MX*0701716**	TDR&TXV	33400	14			11.5	34400	3.6	21600	2.5	8	
	EA*4X36**17A*	*9MA*0601714A**	TDR&TXV	33000	14			11.5	34000	3.52	21200	2.48	8	
	EA*4X36**17A*	*9MA*0801714A**	TDR&TXV	33200	14			11.7	34000	3.56	21200	2.5	8	
	EA*4X36**17A*	*9MV*0601714A**	TDR&TXV	33400	13.7			11.5	34400	3.58	21600	2.48	8	
	EA*4X36**17A*	*9MV*0801716A**	TDR&TXV	33400	14			11.7	34400	3.62	21400	2.52	8	
	EA*4X36**17A*	*9MX*0601714A**	TDR&TXV	33400	14			11.5	34400	3.6	21600	2.5	8	
	EA*4X36**17A*	*9MX*0801716A**	TDR&TXV	33400	14			11.7	34200	3.6	21200	2.52	8	
	EA*4X36**17A*	MV08B15**B*	TDR&TXV	33800	14.5			12	34200	3.7	21200	2.56	8.2	
	EA*4X36**17A*	MV12F19**B*	TDR&TXV	33800	14.5			12.2	34000	3.72	21000	2.58	8.2	
	EA*4X36**17A*	*8MPV050	TDR&TXV	33200	13.2			11	34600	3.52	21800	2.44	8	
	EA*4X36**17A*	*8MPV075	TDR&TXV	33600	14			11.5	34600	3.66	21600	2.54	8.2	
	EA*4X36**17A*	*9MPV050	TDR&TXV	33200	13.5			11.2	34800	3.54	21800	2.46	8	
	EA*4X36**17A*	*9MPV075	TDR&TXV	33400	13.7			11.2	34600	3.58	21800	2.48	8	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models														
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.														
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF	
					Standard	SEER		EER	Heat 17°F (-8.3°C)					
						TDR	W/ field TXV		BTU/hr	COP				
TSH536GKA	EA*4X36*17A*	OLV098A12A	TDR&TXV	33200	13.7				11.5	34400	3.56	21600	2.48	8
	EA*4X36*17A*	OMV098J12A	TDR&TXV	33400	13.7				11.5	34400	3.58	21600	2.48	8
	EA*4X36*17A*	OMV112K14A	TDR&TXV	33400	14				11.7	34200	3.62	21400	2.52	8.2
	EA*4X36*17A*		TXV	33600		13			11	35400	3.58	22400	2.46	8
	EA*4X36*21A*	*8MV*1102120**	TDR&TXV	33600	14.5				12	34000	3.66	21200	2.56	8.2
	EA*4X36*21A*	*8MX*0902116**	TDR&TXV	33800	14.5				12	34200	3.72	21200	2.58	8.2
	EA*4X36*21A*	*8MX*1102120**	TDR&TXV	34000	14.5				12	34400	3.76	21400	2.6	8.2
	EA*4X36*21A*	*9MA*0601714A**	TDR&TXV	33000	14				11.5	34000	3.54	21200	2.48	8
	EA*4X36*21A*	*9MA*0602120A**	TDR&TXV	33400	14.2				12	34200	3.58	21000	2.5	8
	EA*4X36*21A*	*9MA*0801714A**	TDR&TXV	33200	14				11.7	34000	3.58	21000	2.5	8
	EA*4X36*21A*	*9MA*0802120A**	TDR&TXV	33600	14.5				12	34000	3.64	21000	2.54	8.2
	EA*4X36*21A*	*9MA*1002122A**	TDR&TXV	33800	14.5				12	34200	3.66	21000	2.56	8.2
	EA*4X36*21A*	*9MV*0601714A**	TDR&TXV	33400	14				11.5	34400	3.6	21600	2.5	8
	EA*4X36*21A*	*9MV*0801716A**	TDR&TXV	33600	14				11.7	34400	3.64	21400	2.52	8.2
	EA*4X36*21A*	*9MV*0802120A**	TDR&TXV	33800	14.5				12	34200	3.66	21200	2.56	8.2
	EA*4X36*21A*	*9MV*1002120A**	TDR&TXV	33800	14.5				12	34200	3.68	21200	2.56	8.2
	EA*4X36*21A*	*9MX*0601714A**	TDR&TXV	33600	14				11.5	34400	3.62	21600	2.52	8
	EA*4X36*21A*	*9MX*0801716A**	TDR&TXV	33400	14.2				11.7	34200	3.62	21200	2.52	8
	EA*4X36*21A*	MV12F19**B*	TDR&TXV	33800	15				12.5	34000	3.74	21000	2.6	8.5
	EA*4X36*21A*	MV16J22**B*	TDR&TXV	33800	15				12.5	34000	3.74	21000	2.6	8.5
	EA*4X36*21A*	*8MPV075	TDR&TXV	33800	14				11.7	34400	3.68	21600	2.54	8.2
	EA*4X36*21A*	*8MPV100	TDR&TXV	34200	14.5				12	34800	3.78	21800	2.6	8.2
	EA*4X36*21A*	*8MPV125	TDR&TXV	34200	14.5				12	34600	3.78	21600	2.6	8.5
	EA*4X36*21A*	*9MA*1002120A**	TDR&TXV	33400	14.2				11.7	34000	3.62	21200	2.52	8
	EA*4X36*21A*	*9MPV050	TDR&TXV	33400	13.5				11.2	34800	3.56	21800	2.48	8
	EA*4X36*21A*	*9MPV075	TDR&TXV	33600	13.7				11.5	34600	3.6	21800	2.5	8
	EA*4X36*21A*	*9MPV100	TDR&TXV	34000	14				11.7	34800	3.74	21800	2.56	8.2
	EA*4X36*21A*	*9MV*1002116A**	TDR&TXV	33600	14.2				11.7	34400	3.66	21400	2.54	8.2
	EA*4X36*21A*	OLV098A12A	TDR&TXV	33200	13.7				11.5	34400	3.58	21400	2.48	8
	EA*4X36*21A*	OLV112A16A	TDR&TXV	33600	14				11.7	34400	3.66	21600	2.54	8.2
	EA*4X36*21A*	OMV098J12A	TDR&TXV	33400	13.7				11.5	34400	3.58	21600	2.5	8
	EA*4X36*21A*	OMV112K14A	TDR&TXV	33600	14.2				11.7	34200	3.64	21400	2.54	8.2
	EA*4X36*21A*		TXV	33600			13		11	35400	3.58	22400	2.46	8
	EA*4X42*21A*	*8MV*1102120**	TDR&TXV	33800	14.5				12	34200	3.7	21200	2.56	8.2
	EA*4X42*21A*	*8MX*0902116**	TDR&TXV	34200	14.5				12	34400	3.76	21400	2.6	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Cooling 95°F (35°C)						Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
				Capacity BTU/hr	SEER			EER	BTU/hr	COP	BTU/hr	COP	HSPF
					Standard	W/ field TDR	W/ field TXV						
TSH536GKA	EA*4X42*21A*	*8MX*1102120**	TDR&TXV	34200	14.5			12	34400	3.8	21400	2.62	8.5
	EA*4X42*21A*	*9MA*0601714A**	TDR&TXV	33200	14			11.7	34000	3.58	21200	2.5	8
	EA*4X42*21A*	*9MA*0602120A**	TDR&TXV	33600	14.5			12	34200	3.62	21200	2.52	8.2
	EA*4X42*21A*	*9MA*0801714A**	TDR&TXV	33400	14			11.7	34000	3.62	21200	2.52	8
	EA*4X42*21A*	*9MA*0802120A**	TDR&TXV	33800	14.5			12	34200	3.68	21000	2.56	8.2
	EA*4X42*21A*	*9MA*1002122A**	TDR&TXV	34000	14.5			12	34200	3.7	21200	2.58	8.2
	EA*4X42*21A*	*9MV*0601714A**	TDR&TXV	33800	14			11.5	34600	3.64	21600	2.52	8.2
	EA*4X42*21A*	*9MV*0801716A**	TDR&TXV	33800	14.2			11.7	34400	3.68	21600	2.54	8.2
	EA*4X42*21A*	*9MV*0802120A**	TDR&TXV	34000	14.5			12	34400	3.7	21200	2.58	8.2
	EA*4X42*21A*	*9MV*1002120A**	TDR&TXV	34000	14.5			12	34400	3.72	21200	2.58	8.2
	EA*4X42*21A*	*9MX*0601714A**	TDR&TXV	33800	14			11.5	34600	3.66	21600	2.52	8.2
	EA*4X42*21A*	*9MX*0801716A**	TDR&TXV	33600	14.2			11.7	34200	3.66	21400	2.54	8.2
	EA*4X42*21A*	MV12F19**B*	TDR&TXV	34200	15			12.5	34200	3.78	21200	2.62	8.5
	EA*4X42*21A*	MV16J22**B*	TDR&TXV	34200	15			12.5	34000	3.8	21200	2.62	8.5
	EA*4X42*21A*	*8MPV075	TDR&TXV	34000	14			11.7	34400	3.72	21800	2.56	8.2
	EA*4X42*21A*	*8MPV100	TDR&TXV	34400	14.5			12	34800	3.82	21800	2.62	8.5
	EA*4X42*21A*	*8MPV125	TDR&TXV	34400	14.5			12	34800	3.84	21600	2.62	8.5
	EA*4X42*21A*	*9MA*1002120A**	TDR&TXV	33600	14.5			12	34200	3.66	21200	2.54	8.2
	EA*4X42*21A*	*9MPV050	TDR&TXV	33600	13.5			11.2	34800	3.6	22000	2.5	8
	EA*4X42*21A*	*9MPV075	TDR&TXV	33800	13.7			11.5	34800	3.64	21800	2.52	8.2
	EA*4X42*21A*	*9MPV100	TDR&TXV	34400	14			11.7	34800	3.78	21800	2.58	8.2
	EA*4X42*21A*	*9MV*1002116A**	TDR&TXV	34000	14.2			11.7	34400	3.72	21600	2.56	8.2
	EA*4X42*21A*	OLV098A12A	TDR&TXV	33600	14			11.5	34400	3.62	21600	2.5	8
	EA*4X42*21A*	OLV112A16A	TDR&TXV	34000	14			11.7	34600	3.7	21600	2.56	8.2
	EA*4X42*21A*	OMV098J12A	TDR&TXV	33600	14			11.5	34600	3.62	21600	2.52	8.2
	EA*4X42*21A*	OMV112K14A	TDR&TXV	33800	14.2			12	34400	3.68	21400	2.54	8.2
	EA*4X42*21A*		TXV	33800		13		11	35400	3.62	22400	2.48	8
	EA*4X42*24A*	*8MV*1352422**	TDR&TXV	33800	14.5			12	34000	3.72	21000	2.58	8.2
	EA*4X42*24A*	*9MA*0602120A**	TDR&TXV	33600	14.5			12	34200	3.62	21200	2.52	8.2
	EA*4X42*24A*	*9MA*0802120A**	TDR&TXV	33800	14.5			12.2	34200	3.68	21000	2.56	8.2
	EA*4X42*24A*	*9MA*1002122A**	TDR&TXV	34000	14.5			12.2	34200	3.72	21200	2.58	8.2
	EA*4X42*24A*	*9MA*1202422A**	TDR&TXV	33600	14.5			12	34000	3.68	21000	2.56	8.2
	EA*4X42*24A*	*9MV*0802120A**	TDR&TXV	34000	14.5			12	34400	3.72	21200	2.58	8.2
	EA*4X42*24A*	*9MV*1002120A**	TDR&TXV	34200	14.5			12	34400	3.72	21200	2.58	8.2
	EA*4X42*24A*	*9MV*1202422A**	TDR&TXV	34000	14.5			12	34200	3.72	21200	2.58	8.2
	EA*4X42*24A*	MV16J22**B*	TDR&TXV	34200	15			12.5	34000	3.8	21000	2.62	8.5

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					Standard	SEER		EER	Heat 17°F (-8.3°C)				
						W/ field TDR	W/ field TXV		BTU/hr	COP	BTU/hr	COP	
TSH536GKA	EA*4X42*24A*	MV20L24**B*	TDR&TXV	34200	15			12.5	34000	3.8	21200	2.62	8.5
	EA*4X42*24A*	*8MPV100	TDR&TXV	34600	14.5			12	34400	3.84	21800	2.62	8.5
	EA*4X42*24A*	*8MPV125	TDR&TXV	34600	14.5			12	34800	3.84	21600	2.64	8.5
	EA*4X42*24A*	*9MA*1002120A**	TDR&TXV	33600	14.5			12	34200	3.66	21200	2.54	8.2
	EA*4X42*24A*	*9MPV100	TDR&TXV	34400	14			11.7	34800	3.8	21800	2.6	8.5
	EA*4X42*24A*	*9MPV125	TDR&TXV	34400	14.5			12	34800	3.82	21800	2.62	8.5
	EA*4X42*24A*	*9MV*1002116A**	TDR&TXV	34000	14.2			11.7	34400	3.72	21600	2.56	8.2
	EA*4X42*24A*	*9MVX100	TDR&TXV	34200	14.5			12	34600	3.78	21600	2.6	8.5
	EA*4X42*24A*	OLV112A16A	TDR&TXV	34000	14.2			12	34600	3.7	21600	2.56	8.2
	EA*4X42*24A*	OLV154F20A	TDR&TXV	34600	14.5			12	35000	3.86	21800	2.64	8.2
	EA*4X42*24A*		TXV	33800		13		11	35400	3.62	22400	2.48	8
	ED*4X36B**	*8MV*0701412**	TDR&TXV	33200	14			11.5	34200	3.58	21400	2.5	8
	ED*4X36B**	*8MX*0451408**	TDR&TXV	33200	13.2			11.2	34600	3.54	21800	2.46	8
	ED*4X36B**	MV08B15**B*	TDR&TXV	33600	14			12	34200	3.68	21200	2.56	8.2
	ED*4X36B**	*8MPV050	TDR&TXV	33000	13.2			11	34600	3.48	21800	2.44	8
	ED*4X36B**		TXV	33400		13.2		11	34400	3.54	22000	2.46	8
	ED*4X36F**	*9MA*0601714A**	TDR&TXV	33000	14			11.5	34000	3.52	21200	2.48	8
	ED*4X36F**	*9MA*0602120A**	TDR&TXV	33400	14			11.7	34200	3.56	21200	2.5	8
	ED*4X36F**	*9MA*0801714A**	TDR&TXV	33200	14			11.7	34000	3.56	21200	2.5	8
	ED*4X36F**	*9MA*0802120A**	TDR&TXV	33600	14.5			12	34000	3.62	21000	2.54	8.2
	ED*4X36F**	*9MA*1002122A**	TDR&TXV	33600	14.5			12	34200	3.64	21200	2.54	8.2
	ED*4X36F**	*9MV*0601714A**	TDR&TXV	33400	13.7			11.5	34400	3.58	21600	2.48	8
	ED*4X36F**	*9MV*0801716A**	TDR&TXV	33400	14			11.7	34400	3.62	21400	2.52	8
	ED*4X36F**	*9MV*0802120A**	TDR&TXV	33600	14.5			12	34200	3.64	21200	2.54	8.2
	ED*4X36F**	*9MV*1002120A**	TDR&TXV	33600	14.5			12	34200	3.64	21000	2.54	8.2
	ED*4X36F**	*9MX*0601714A**	TDR&TXV	33400	14			11.5	34400	3.6	21600	2.5	8
	ED*4X36F**	*9MX*0801716A**	TDR&TXV	33400	14.2			11.7	34200	3.6	21200	2.52	8
	ED*4X36F**	MV08B15**B*	TDR&TXV	33800	14.5			12	34200	3.7	21200	2.56	8.2
	ED*4X36F**	MV12F19**B*	TDR&TXV	33800	14.5			12.2	34000	3.72	21000	2.58	8.2
	ED*4X36F**	*8MPV050	TDR&TXV	33200	13.2			11.2	34600	3.52	21800	2.44	8
	ED*4X36F**	*8MPV075	TDR&TXV	33600	14			11.5	34600	3.66	21600	2.54	8.2
	ED*4X36F**	*9MA*1002120A**	TDR&TXV	33400	14.2			11.7	34000	3.6	21200	2.52	8
	ED*4X36F**	*9MPV050	TDR&TXV	33200	13.2			11.2	34800	3.54	21800	2.46	8
	ED*4X36F**	*9MPV075	TDR&TXV	33400	13.7			11.2	34600	3.58	21800	2.48	8
	ED*4X36F**	*9MV*1002116A**	TDR&TXV	33600	14			11.7	34400	3.64	21400	2.52	8.2
	ED*4X36F**	*9MVX040	TDR&TXV	33200	13.5			11	34800	3.54	21800	2.46	8

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP	
						W/ field TDR	W/ field TXV						
TSH536GKA	ED*4X36F**	*9MVX060	TDR&TXV	33600	13.5			11.5	34600	3.62	21800	2.5	8
	ED*4X36F**	OLV098A12A	TDR&TXV	33200	13.7			11.5	34400	3.56	21600	2.48	8
	ED*4X36F**	OLV112A16A	TDR&TXV	33600	14			11.5	34600	3.64	21600	2.52	8.2
	ED*4X36F**	OMV098J12A	TDR&TXV	33400	13.7			11.5	34400	3.58	21600	2.48	8
	ED*4X36F**	OMV112K14A	TDR&TXV	33400	14			11.7	34200	3.62	21400	2.52	8.2
	ED*4X36F**		TXV	33600		13		11	35400	3.58	22400	2.46	8
	ED*4X36J**	*8MV*1102120**	TDR&TXV	33600	14.5			12	34000	3.66	21200	2.56	8.2
	ED*4X36J**	*8MV*1352422**	TDR&TXV	33600	14.5			12	34000	3.68	21000	2.56	8.2
	ED*4X36J**	*8MX*0902116**	TDR&TXV	33800	14.5			12	34200	3.72	21400	2.58	8.2
	ED*4X36J**	*8MX*1102120**	TDR&TXV	34000	14.5			12	34400	3.76	21400	2.6	8.2
	ED*4X36J**	*9MA*0602120A**	TDR&TXV	33400	14.2			12	34200	3.58	21000	2.5	8.2
	ED*4X36J**	*9MA*0802120A**	TDR&TXV	33600	14.5			12	34000	3.64	21000	2.54	8.2
	ED*4X36J**	*9MA*1002122A**	TDR&TXV	33800	14.5			12	34200	3.66	21000	2.56	8.2
	ED*4X36J**	*9MA*1202422A**	TDR&TXV	33400	14.5			12	33800	3.64	21000	2.54	8.2
	ED*4X36J**	*9MV*0802120A**	TDR&TXV	33800	14.5			12	34200	3.66	21200	2.56	8.2
	ED*4X36J**	*9MV*1002120A**	TDR&TXV	33800	14.5			12	34200	3.68	21200	2.56	8.2
	ED*4X36J**	*9MV*1202422A**	TDR&TXV	33600	14.5			12	34200	3.68	21200	2.56	8.2
	ED*4X36J**	MV12F19**B*	TDR&TXV	33800	15			12.5	34000	3.74	21000	2.6	8.5
	ED*4X36J**	MV16J22**B*	TDR&TXV	33800	15			12.5	34000	3.74	21000	2.6	8.5
	ED*4X36J**	MV20L24**B*	TDR&TXV	33800	15			12.5	34000	3.74	21000	2.6	8.5
	ED*4X36J**	*8MPV075	TDR&TXV	33800	14			11.7	34600	3.68	21600	2.54	8.2
	ED*4X36J**	*8MPV100	TDR&TXV	34200	14.5			12	34800	3.78	21800	2.6	8.2
	ED*4X36J**	*8MPV125	TDR&TXV	34200	14.5			12	34600	3.78	21600	2.6	8.5
	ED*4X36J**	*9MA*1002120A**	TDR&TXV	33400	14			11.7	34000	3.62	21200	2.52	8
	ED*4X36J**	*9MPV050	TDR&TXV	33400	13.5			11.2	34800	3.56	21800	2.48	8
	ED*4X36J**	*9MPV075	TDR&TXV	33600	13.7			11.2	34600	3.6	21800	2.5	8
	ED*4X36J**	*9MPV100	TDR&TXV	34000	14			11.7	34800	3.74	21800	2.56	8.2
	ED*4X36J**	*9MPV125	TDR&TXV	34200	14.2			12	34600	3.76	21600	2.58	8.2
	ED*4X36J**	*9MV*1002116A**	TDR&TXV	33600	14			11.7	34200	3.66	21400	2.54	8.2
	ED*4X36J**	*9MVX040	TDR&TXV	33400	13.5			11.2	34800	3.56	21800	2.46	8
	ED*4X36J**	*9MVX060	TDR&TXV	33600	13.7			11.5	34800	3.64	21800	2.52	8.2
	ED*4X36J**	*9MVX080	TDR&TXV	34200	14			11.7	34800	3.74	21800	2.58	8.2
	ED*4X36J**	*9MVX100	TDR&TXV	34000	14.5			12	34600	3.74	21600	2.58	8.2
	ED*4X36J**	OLV112A16A	TDR&TXV	33600	14			11.7	34400	3.66	21600	2.54	8.2
	ED*4X36J**		TXV	33600			13	11	34400	3.58	22400	2.48	8
	ED*4X42F**	*8MV*0901716**	TDR&TXV	33800	14.5			12	34200	3.68	21200	2.56	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					Standard	SEER		EER	BTU/hr	COP	Heat 17°F (-8.3°C)		
						TDR	W/ field TXV				BTU/hr	COP	
TSH536GKA	ED*4X42F**	*8MV*1102120**	TDR&TXV	33800	14.5			12	34200	3.7	21200	2.56	8.2
	ED*4X42F**	*8MX*0701716**	TDR&TXV	33800	14			11.7	34600	3.66	21600	2.52	8.2
	ED*4X42F**	*8MX*0902116**	TDR&TXV	34000	14.5			12	34400	3.74	21400	2.58	8.2
	ED*4X42F**	*8MX*1102120**	TDR&TXV	34200	14.5			12	34400	3.78	21400	2.6	8.5
	ED*4X42F**	*9MA*0601714A**	TDR&TXV	33200	14			11.7	34200	3.58	21200	2.5	8
	ED*4X42F**	*9MA*0602120A**	TDR&TXV	33600	14.5			12	34200	3.62	21200	2.52	8.2
	ED*4X42F**	*9MA*0801714A**	TDR&TXV	33400	14			11.7	34000	3.6	21200	2.52	8
	ED*4X42F**	*9MA*0802120A**	TDR&TXV	33800	14.5			12	34200	3.68	21000	2.56	8.2
	ED*4X42F**	*9MA*1002122A**	TDR&TXV	34000	14.5			12	34200	3.7	21200	2.56	8.2
	ED*4X42F**	*9MV*0601714A**	TDR&TXV	33600	14			11.5	34600	3.64	21600	2.52	8.2
	ED*4X42F**	*9MV*0801716A**	TDR&TXV	33800	14			11.7	34400	3.66	21600	2.54	8.2
	ED*4X42F**	*9MV*0802120A**	TDR&TXV	34000	14.5			12	34400	3.68	21200	2.56	8.2
	ED*4X42F**	*9MV*1002120A**	TDR&TXV	34000	14.5			12	34200	3.68	21200	2.56	8.2
	ED*4X42F**	*9MX*0601714A**	TDR&TXV	33800	14			11.5	34600	3.64	21600	2.52	8.2
	ED*4X42F**	*9MX*0801716A**	TDR&TXV	33600	14			11.7	34200	3.64	21400	2.54	8.2
	ED*4X42F**	MV08B15**B*	TDR&TXV	34000	14.5			12	34200	3.74	21200	2.58	8.2
	ED*4X42F**	MV12F19**B*	TDR&TXV	34000	15			12.5	34200	3.78	21200	2.62	8.5
	ED*4X42F**	*8MPV050	TDR&TXV	33400	13.5			11.2	34800	3.56	21800	2.48	8
	ED*4X42F**	*8MPV075	TDR&TXV	34000	14			11.7	34600	3.7	21800	2.56	8.2
	ED*4X42F**	*9MA*1002120A**	TDR&TXV	33600	14			11.7	34200	3.64	21200	2.54	8.2
	ED*4X42F**	*9MPV050	TDR&TXV	33600	13.5			11.2	34800	3.58	22000	2.48	8
	ED*4X42F**	*9MPV075	TDR&TXV	33600	13.7			11.2	34800	3.62	21800	2.5	8.2
	ED*4X42F**	*9MV*1002116A**	TDR&TXV	33800	14			11.7	34400	3.7	21600	2.56	8.2
	ED*4X42F**	*9MVX040	TDR&TXV	33600	13.5			11.2	34800	3.58	22000	2.48	8
	ED*4X42F**	*9MVX060	TDR&TXV	33800	13.7			11.5	34800	3.66	21800	2.52	8.2
	ED*4X42F**	OLV098A12A	TDR&TXV	33600	14			11.5	34400	3.6	21600	2.5	8
	ED*4X42F**	OLV112A16A	TDR&TXV	33800	14			11.7	34600	3.68	21600	2.54	8.2
	ED*4X42F**	OMV098J12A	TDR&TXV	33600	13.7			11.5	34600	3.62	21600	2.5	8.2
	ED*4X42F**	OMV112K14A	TDR&TXV	33800	14			11.7	34400	3.66	21400	2.54	8.2
	ED*4X42F**		TXV	33800			13.2	11	34800	3.62	22400	2.48	8.2
	ED*4X42J**	*8MV*1102120**	TDR&TXV	33800	14.5			12	34200	3.7	21200	2.58	8.2
	ED*4X42J**	*8MV*1352422**	TDR&TXV	33800	14.5			12	34000	3.72	21200	2.58	8.2
	ED*4X42J**	*8MX*0902116**	TDR&TXV	34200	14.5			12	34400	3.78	21400	2.6	8.2
	ED*4X42J**	*8MX*1102120**	TDR&TXV	34200	14.5			12	34400	3.8	21400	2.62	8.5
	ED*4X42J**	*9MA*0602120A**	TDR&TXV	33600	14.5			12	34200	3.62	21200	2.52	8.2
	ED*4X42J**	*9MA*0802120A**	TDR&TXV	33800	14.5			12	34200	3.68	21000	2.56	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						W/ field TDR	W/ field TXV							
TSH536GKA	ED*4X42J**	*9MA*1002122A**	TDR&TXV	34000	14.5			12	34200	3.7	21200	2.58	8.2	
	ED*4X42J**	*9MA*1202422A**	TDR&TXV	33600	14.5			12	34000	3.68	21000	2.56	8.2	
	ED*4X42J**	*9MV*0802120A**	TDR&TXV	34000	14.5			12	34400	3.7	21200	2.58	8.2	
	ED*4X42J**	*9MV*1002120A**	TDR&TXV	34000	14.5			12	34400	3.72	21200	2.58	8.2	
	ED*4X42J**	*9MV*1202422A**	TDR&TXV	33800	14.5			12	34200	3.72	21200	2.58	8.2	
	ED*4X42J**	MV12F19**B*	TDR&TXV	34200	15			12.5	34200	3.78	21200	2.62	8.5	
	ED*4X42J**	MV16J22**B*	TDR&TXV	34200	15			12.5	34000	3.8	21200	2.62	8.5	
	ED*4X42J**	MV20L24**B*	TDR&TXV	34200	15			12.5	34000	3.78	21200	2.62	8.5	
	ED*4X42J**	*8MPV075	TDR&TXV	34000	14			11.7	34800	3.72	21800	2.56	8.2	
	ED*4X42J**	*8MPV100	TDR&TXV	34400	14.5			12	34800	3.82	21800	2.62	8.5	
	ED*4X42J**	*8MPV125	TDR&TXV	34400	14.5			12	34800	3.84	21600	2.62	8.5	
	ED*4X42J**	*9MA*1002120A**	TDR&TXV	33600	14.5			12	34200	3.66	21200	2.54	8.2	
	ED*4X42J**	*9MPV050	TDR&TXV	33600	13.5			11.2	34800	3.6	22000	2.5	8	
	ED*4X42J**	*9MPV075	TDR&TXV	33800	13.7			11.5	34800	3.64	21800	2.52	8.2	
	ED*4X42J**	*9MPV100	TDR&TXV	34400	14			11.7	34800	3.78	21800	2.58	8.5	
	ED*4X42J**	*9MPV125	TDR&TXV	34400	14.5			12	34800	3.8	21800	2.6	8.5	
	ED*4X42J**	*9MV*1002116A**	TDR&TXV	34000	14			11.7	34400	3.72	21600	2.56	8.2	
	ED*4X42J**	*9MVX040	TDR&TXV	33600	13.5			11.2	34800	3.6	22000	2.48	8	
	ED*4X42J**	*9MVX060	TDR&TXV	34000	14			11.5	34800	3.68	21800	2.54	8.2	
	ED*4X42J**	*9MVX080	TDR&TXV	34400	14			11.7	35000	3.78	22000	2.6	8.5	
	ED*4X42J**	*9MVX100	TDR&TXV	34200	14.5			12	34600	3.78	21600	2.6	8.5	
	ED*4X42J**	OLV112A16A	TDR&TXV	34000	14			11.7	34400	3.7	21600	2.56	8.2	
	ED*4X42J**		TXV	33800			13.2	11	35000	3.62	22400	2.48	8.2	
	ED*4X42L**	*8MV*1102120**	TDR&TXV	33800	14.5			12	34200	3.72	21200	2.58	8.2	
	ED*4X42L**	*8MV*1352422**	TDR&TXV	33800	14.5			12	34000	3.72	21200	2.58	8.2	
	ED*4X42L**	*8MX*0902116**	TDR&TXV	34200	14.5			12	34400	3.78	21400	2.6	8.2	
	ED*4X42L**	*8MX*1102120**	TDR&TXV	34400	14.5			12	34400	3.82	21400	2.62	8.5	
	ED*4X42L**	*9MA*0602120A**	TDR&TXV	33600	14.5			12	34200	3.62	21200	2.52	8.2	
	ED*4X42L**	*9MA*0802120A**	TDR&TXV	33800	14.5			12.2	34200	3.68	21000	2.56	8.2	
	ED*4X42L**	*9MA*1002122A**	TDR&TXV	34000	14.5			12.2	34200	3.72	21200	2.58	8.2	
	ED*4X42L**	*9MA*1202422A**	TDR&TXV	33600	14.5			12	34000	3.68	21000	2.56	8.2	
	ED*4X42L**	*9MV*0802120A**	TDR&TXV	34000	14.5			12	34400	3.72	21200	2.58	8.2	
	ED*4X42L**	*9MV*1002120A**	TDR&TXV	34200	14.5			12	34400	3.72	21200	2.58	8.2	
	ED*4X42L**	*9MV*1202422A**	TDR&TXV	34000	14.5			12	34200	3.72	21200	2.58	8.2	
	ED*4X42L**	MV16J22**B*	TDR&TXV	34200	15			12.5	34000	3.8	21000	2.62	8.5	
	ED*4X42L**	MV20L24**B*	TDR&TXV	34200	15			12.5	34000	3.8	21200	2.62	8.5	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					SEER			Heat 17°F (-8.3°C)					
					Standard	W/ field TDR	W/ field TXV	EER	BTU/hr	COP	BTU/hr	COP	
TSH536GKA	ED*4X42L**	*8MPV100	TDR&TXV	34600	14.5			12	34800	3.84	21800	2.62	8.5
	ED*4X42L**	*8MPV125	TDR&TXV	34600	14.5			12	34800	3.84	21600	2.64	8.5
	ED*4X42L**	*9MA*1002120A**	TDR&TXV	33600	14.5			12	34200	3.66	21200	2.54	8.2
	ED*4X42L**	*9MPV100	TDR&TXV	34400	14			11.7	34800	3.8	21800	2.6	8.5
	ED*4X42L**	*9MPV125	TDR&TXV	34400	14.5			12	34800	3.82	21800	2.62	8.5
	ED*4X42L**	*9MV*1002116A**	TDR&TXV	34000	14			11.7	34400	3.72	21600	2.56	8.2
	ED*4X42L**	*9MVX080	TDR&TXV	34400	14			11.7	35000	3.8	22000	2.6	8.5
	ED*4X42L**	*9MVX100	TDR&TXV	34200	14.5			12	34600	3.78	21600	2.6	8.5
	ED*4X42L**	OLV112A16A	TDR&TXV	34000	14			11.7	34400	3.7	21600	2.56	8.2
	ED*4X42L**	OLV154F20A	TDR&TXV	34600	14.5			12	35000	3.86	21800	2.64	8.5
	ED*4X42L**		TXV	33800		13.2		11	35000	3.62	22400	2.48	8.2
	EHD4X36A**	*8MV*0701412**	TDR&TXV	34200	14.5			12	34400	3.72	21400	2.56	8.2
	EHD4X36A**	*8MV*0901716**	TDR&TXV	34200	14.5			12	34400	3.76	21400	2.58	8.2
	EHD4X36A**	*8MV*1102120**	TDR&TXV	34400	14.5			12	34400	3.78	21400	2.6	8.2
	EHD4X36A**	*8MV*1352422**	TDR&TXV	34200	15			12	34400	3.78	21400	2.6	8.5
	EHD4X36A**	*8MX*0451408**	TDR&TXV	34200	13.5			11.5	35000	3.68	22000	2.52	8.2
	EHD4X36A**	*8MX*0701716**	TDR&TXV	34200	14			11.7	34800	3.72	21800	2.56	8.2
	EHD4X36A**	*8MX*0902116**	TDR&TXV	34600	15			12	34600	3.82	21400	2.62	8.5
	EHD4X36A**	*8MX*1102120**	TDR&TXV	34600	15			12.5	34600	3.84	21400	2.64	8.5
	EHD4X36A**	*9MA*0601714A**	TDR&TXV	33800	14			11.7	34400	3.64	21400	2.52	8
	EHD4X36A**	*9MA*0602120A**	TDR&TXV	34200	14.5			12	34400	3.68	21400	2.56	8.2
	EHD4X36A**	*9MA*0801714A**	TDR&TXV	33800	14.5			12	34200	3.68	21400	2.54	8.2
	EHD4X36A**	*9MA*0802120A**	TDR&TXV	34400	14.5			12.2	34400	3.74	21200	2.58	8.2
	EHD4X36A**	*9MA*1002122A**	TDR&TXV	34400	14.5			12.2	34600	3.76	21400	2.6	8.5
EHD4X36A**	*9MA*1202422A**	TDR&TXV	34000	14.5			12	34200	3.74	21200	2.58	8.2	
EHD4X36A**	*9MV*0601714A**	TDR&TXV	34200	14			11.7	34800	3.7	21800	2.54	8.2	
EHD4X36A**	*9MV*0801716A**	TDR&TXV	34200	14.2			12	34600	3.74	21600	2.56	8.2	
EHD4X36A**	*9MV*0802120A**	TDR&TXV	34400	14.5			12	34600	3.76	21400	2.58	8.2	
EHD4X36A**	*9MV*1002120A**	TDR&TXV	34400	14.5			12.2	34400	3.76	21200	2.58	8.2	
EHD4X36A**	*9MV*1202422A**	TDR&TXV	34200	14.5			12	34400	3.76	21400	2.58	8.2	
EHD4X36A**	*9MX*0601714A**	TDR&TXV	34200	14			11.7	34800	3.72	21800	2.56	8.2	
EHD4X36A**	*9MX*0801716A**	TDR&TXV	34200	14.5			12	34400	3.72	21400	2.56	8.2	
EHD4X36A**	MV08B15**B*	TDR&TXV	34600	15			12.5	34400	3.82	21400	2.62	8.5	
EHD4X36A**	MV12F19**B*	TDR&TXV	34600	15			12.5	34400	3.86	21400	2.64	8.5	
EHD4X36A**	MV16J22**B*	TDR&TXV	34600	15			12.5	34400	3.86	21200	2.64	8.5	
EHD4X36A**	MV20L24**B*	TDR&TXV	34600	15			12.5	34400	3.86	21400	2.64	8.5	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						W/ field TDR	W/ field TXV							
TSH536GKA	EHD4X36A**	*8MPV050	TDR&TXV	34000	13.7			11.2	35000	3.62	22000	2.5	8.2	
	EHD4X36A**	*8MPV075	TDR&TXV	34400	14			11.7	34800	3.78	21800	2.58	8.2	
	EHD4X36A**	*8MPV100	TDR&TXV	34800	14.5			12	35000	3.86	21800	2.62	8.5	
	EHD4X36A**	*8MPV125	TDR&TXV	34800	14.5			12	34800	3.88	21800	2.64	8.5	
	EHD4X36A**	*9MA*1002120A**	TDR&TXV	34000	14.5			12	34400	3.72	21400	2.56	8.2	
	EHD4X36A**	*9MPV050	TDR&TXV	34000	13.7			11.2	35000	3.66	22000	2.52	8.2	
	EHD4X36A**	*9MPV075	TDR&TXV	34200	14			11.5	35000	3.7	22000	2.54	8.2	
	EHD4X36A**	*9MPV100	TDR&TXV	34800	14.5			12	35000	3.82	22000	2.6	8.5	
	EHD4X36A**	*9MPV125	TDR&TXV	34800	14.5			12	35000	3.84	21800	2.62	8.5	
	EHD4X36A**	*9MV*1002116A**	TDR&TXV	34400	14.5			12	34600	3.76	21600	2.58	8.2	
	EHD4X36A**	*9MVX040	TDR&TXV	34000	13.5			11.2	35000	3.64	22000	2.5	8.2	
	EHD4X36A**	*9MVX060	TDR&TXV	34400	14			11.5	35000	3.74	22000	2.56	8.2	
	EHD4X36A**	*9MVX080	TDR&TXV	34800	14.5			12	35200	3.84	22000	2.62	8.5	
	EHD4X36A**	*9MVX100	TDR&TXV	34600	14.5			12	34800	3.82	21600	2.6	8.5	
	EHD4X36A**	OLV098A12A	TDR&TXV	34000	14			11.5	34600	3.68	21800	2.54	8.2	
	EHD4X36A**	OLV112A16A	TDR&TXV	34400	14			11.7	34800	3.76	21800	2.58	8.2	
	EHD4X36A**	OLV154F20A	TDR&TXV	35200	14.5			12	35200	3.92	22000	2.66	8.5	
	EHD4X36A**	OMV098J12A	TDR&TXV	34000	14			11.5	34800	3.68	21800	2.54	8.2	
	EHD4X36A**	OMV112K14A	TDR&TXV	34200	14.5			12	34600	3.74	21600	2.58	8.2	
	EHD4X36A**		TXV	34400			13.5	11.2	35600	3.7	22600	2.52	8.2	
	EHD4X42A**	*8MV*0701412**	TDR&TXV	34400	14.5			12	34600	3.76	21600	2.58	8.2	
	EHD4X42A**	*8MV*0901716**	TDR&TXV	34400	15			12.5	34400	3.8	21400	2.6	8.5	
	EHD4X42A**	*8MV*1102120**	TDR&TXV	34600	15			12.5	34400	3.82	21400	2.62	8.5	
	EHD4X42A**	*8MV*1352422**	TDR&TXV	34600	15			12.5	34400	3.82	21400	2.62	8.5	
	EHD4X42A**	*8MX*0451408**	TDR&TXV	34400	13.5			11.5	35200	3.72	22000	2.54	8.2	
	EHD4X42A**	*8MX*0701716**	TDR&TXV	34400	14			12	34800	3.78	21800	2.58	8.2	
	EHD4X42A**	*8MX*0902116**	TDR&TXV	34800	15			12.5	34600	3.86	21600	2.64	8.5	
	EHD4X42A**	*8MX*1102120**	TDR&TXV	35000	15			12.5	34600	3.9	21600	2.66	8.5	
	EHD4X42A**	*9MA*0601714A**	TDR&TXV	34000	14			11.7	34400	3.68	21400	2.54	8.2	
	EHD4X42A**	*9MA*0602120A**	TDR&TXV	34400	14.5			12	34600	3.72	21400	2.56	8.2	
	EHD4X42A**	*9MA*0801714A**	TDR&TXV	34000	14.5			12	34400	3.72	21400	2.56	8.2	
	EHD4X42A**	*9MA*0802120A**	TDR&TXV	34600	15			12.5	34400	3.78	21200	2.6	8.5	
	EHD4X42A**	*9MA*1002122A**	TDR&TXV	34600	15			12.2	34600	3.8	21400	2.62	8.5	
	EHD4X42A**	*9MA*1202422A**	TDR&TXV	34400	14.5			12.2	34400	3.78	21200	2.6	8.2	
	EHD4X42A**	*9MV*0601714A**	TDR&TXV	34400	14			11.7	34800	3.74	21800	2.56	8.2	
	EHD4X42A**	*9MV*0801716A**	TDR&TXV	34600	14.5			12	34800	3.78	21600	2.58	8.2	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Cooling 95°F (35°C)					Heat 47°F (8.3°C)				HSPF
				Capacity BTU/hr	SEER			EER	BTU/hr	COP	Heat 17°F (-8.3°C)		
					Standard	W/ field TDR	W/ field TXV				COP	BTU/hr	
TSH536GKA	EHD4X42A**	*9MV*0802120A**	TDR&TXV	34600	14.5			12.2	34600	3.8	21400	2.6	8.5
	EHD4X42A**	*9MV*1002120A**	TDR&TXV	34600	15			12.2	34600	3.8	21400	2.62	8.5
	EHD4X42A**	*9MV*1202422A**	TDR&TXV	34600	14.5			12	34400	3.82	21400	2.62	8.5
	EHD4X42A**	*9MX*0601714A**	TDR&TXV	34400	14			11.7	34800	3.76	21800	2.58	8.2
	EHD4X42A**	*9MX*0801716A**	TDR&TXV	34400	14.5			12	34600	3.76	21600	2.58	8.2
	EHD4X42A**	MV08B15**B*	TDR&TXV	34800	15			12.5	34600	3.86	21400	2.64	8.5
	EHD4X42A**	MV12F19**B*	TDR&TXV	34800	15.2			12.5	34400	3.9	21400	2.66	8.5
	EHD4X42A**	MV16J22**B*	TDR&TXV	34800	15.2			12.5	34400	3.9	21400	2.66	8.5
	EHD4X42A**	MV20L24**B*	TDR&TXV	34800	15.2			12.5	34400	3.9	21400	2.66	8.5
	EHD4X42A**	*8MPV050	TDR&TXV	34200	13.7			11.2	34800	3.68	22000	2.52	8.2
	EHD4X42A**	*8MPV075	TDR&TXV	34800	14.5			12	35000	3.84	22000	2.6	8.5
	EHD4X42A**	*8MPV100	TDR&TXV	35200	14.5			12	35200	3.92	22000	2.66	8.7
	EHD4X42A**	*8MPV125	TDR&TXV	35200	15			12.5	35000	3.94	21800	2.66	8.7
	EHD4X42A**	*9MA*1002120A**	TDR&TXV	34200	14.5			12	34400	3.76	21400	2.58	8.2
	EHD4X42A**	*9MPV050	TDR&TXV	34400	13.7			11.5	35200	3.7	22200	2.54	8.2
	EHD4X42A**	*9MPV075	TDR&TXV	34400	14			11.7	35000	3.74	22000	2.56	8.2
	EHD4X42A**	*9MPV100	TDR&TXV	35000	14.5			12	35200	3.88	22000	2.62	8.5
	EHD4X42A**	*9MPV125	TDR&TXV	35000	14.5			12	35000	3.9	21800	2.64	8.5
	EHD4X42A**	*9MV*1002116A**	TDR&TXV	34600	14.5			12	34800	3.8	21600	2.6	8.5
	EHD4X42A**	*9MVX040	TDR&TXV	34200	13.5			11.5	35200	3.7	22200	2.52	8.2
	EHD4X42A**	*9MVX060	TDR&TXV	34600	14			11.5	35200	3.78	22000	2.58	8.2
	EHD4X42A**	*9MVX080	TDR&TXV	35200	14.5			12	35200	3.9	22000	2.64	8.5
	EHD4X42A**	*9MVX100	TDR&TXV	34800	14.5			12	34800	3.88	21800	2.64	8.5
	EHD4X42A**	OLV098A12A	TDR&TXV	34200	14			11.7	34800	3.7	21800	2.54	8.2
	EHD4X42A**	OLV112A16A	TDR&TXV	34600	14.5			12	35000	3.8	21800	2.6	8.5
	EHD4X42A**	OLV154F20A	TDR&TXV	35400	14.5			12	35200	3.96	22000	2.68	8.7
	EHD4X42A**	OMV098J12A	TDR&TXV	34400	14			11.7	34800	3.72	21800	2.56	8.2
	EHD4X42A**	OMV112K14A	TDR&TXV	34400	14.5			12	34600	3.78	21600	2.6	8.5
	EHD4X42A**		TXV	34600		13.5		11	35800	3.74	22600	2.54	8.2
	EN(A,D)4X36*21**	*8MV*1102120**	TDR&TXV	33400	14			12	34200	3.62	21200	2.54	8.2
	EN(A,D)4X36*21**	*8MX*0902116**	TDR&TXV	33600	14.5			12	34200	3.66	21200	2.54	8.2
	EN(A,D)4X36*21**	*8MX*1102120**	TDR&TXV	33800	14.5			12	34200	3.68	21200	2.56	8.2
	EN(A,D)4X36*21**	*9MA*0601714A**	TDR&TXV	33000	13.7			11.5	34000	3.5	21200	2.46	8
	EN(A,D)4X36*21**	*9MA*0602120A**	TDR&TXV	33400	14			11.7	34200	3.56	21200	2.48	8
	EN(A,D)4X36*21**	*9MA*0801714A**	TDR&TXV	33000	14			11.5	34000	3.54	21200	2.48	8
	EN(A,D)4X36*21**	*9MA*0802120A**	TDR&TXV	33400	14.5			12	34000	3.6	21000	2.52	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						W/ field TDR	W/ field TXV							
TSH536GKA	EN(A,D)4X36*21**	*9MA*1002122A**	TDR&TXV	33600	14.5			12	34200	3.62	21200	2.52	8.2	
	EN(A,D)4X36*21**	*9MV*0601714A**	TDR&TXV	33200	13.7			11.2	34400	3.56	21600	2.48	8	
	EN(A,D)4X36*21**	*9MV*0801716A**	TDR&TXV	33400	14			11.5	34200	3.6	21400	2.5	8	
	EN(A,D)4X36*21**	*9MV*0802120A**	TDR&TXV	33600	14.5			12	34200	3.6	21000	2.52	8.2	
	EN(A,D)4X36*21**	*9MV*1002120A**	TDR&TXV	33400	14.5			12	34200	3.6	21000	2.52	8.2	
	EN(A,D)4X36*21**	*9MX*0601714A**	TDR&TXV	33400	13.7			11.5	34400	3.58	21600	2.48	8	
	EN(A,D)4X36*21**	*9MX*0801716A**	TDR&TXV	33200	14			11.7	34000	3.58	21200	2.5	8	
	EN(A,D)4X36*21**	MV12F19**B*	TDR&TXV	33800	14.5			12	34000	3.7	21200	2.58	8.2	
	EN(A,D)4X36*21**	MV16J22**B*	TDR&TXV	33800	14.5			12	34000	3.72	21000	2.58	8.2	
	EN(A,D)4X36*21**	*8MPV075	TDR&TXV	33600	14			11.5	34400	3.62	21600	2.52	8.2	
	EN(A,D)4X36*21**	*8MPV100	TDR&TXV	34000	14			11.7	34600	3.7	21600	2.56	8.2	
	EN(A,D)4X36*21**	*8MPV125	TDR&TXV	33800	14			11.7	34400	3.7	21600	2.56	8.2	
	EN(A,D)4X36*21**	*9MA*1002120A**	TDR&TXV	33200	14			11.7	34000	3.58	21200	2.5	8	
	EN(A,D)4X36*21**	*9MPV050	TDR&TXV	33200	13.2			11.2	34600	3.52	21800	2.44	8	
	EN(A,D)4X36*21**	*9MPV075	TDR&TXV	33200	13.5			11.2	34600	3.54	21600	2.46	8	
	EN(A,D)4X36*21**	*9MPV100	TDR&TXV	33800	14			11.5	34600	3.66	21600	2.54	8.2	
	EN(A,D)4X36*21**	*9MV*1002116A**	TDR&TXV	33400	14			11.5	34200	3.6	21400	2.52	8	
	EN(A,D)4X36*21**	*9MVX040	TDR&TXV	33200	13.5			11	34600	3.52	21800	2.44	8	
	EN(A,D)4X36*21**	*9MVX060	TDR&TXV	33400	13.7			11.2	34600	3.58	21800	2.5	8	
	EN(A,D)4X36*21**	*9MVX080	TDR&TXV	33800	14			11.5	34800	3.68	21800	2.54	8.2	
	EN(A,D)4X36*21**	OLV098A12A	TDR&TXV	33200	13.7			11.5	34400	3.54	21600	2.46	8	
	EN(A,D)4X36*21**	OLV112A16A	TDR&TXV	33600	13.7			11.5	34600	3.62	21600	2.5	8.2	
	EN(A,D)4X36*21**	OMV098J12A	TDR&TXV	33200	13.5			11.2	34400	3.54	21600	2.48	8	
	EN(A,D)4X36*21**	OMV112K14A	TDR&TXV	33400	14			11.5	34200	3.6	21400	2.5	8	
	EN(A,D)4X36*21**		TXV	33600			13		11	35200	3.58	22400	2.46	8
	EN(A,D)4X37*17**	*8MV*0901716**	TDR&TXV	34800	15				12.5	34000	3.88	21400	2.64	8.5
	EN(A,D)4X37*17**	*8MX*0701716**	TDR&TXV	34800	14.5				12	34000	3.84	21800	2.6	8.5
	EN(A,D)4X37*17**	*9MA*0601714A**	TDR&TXV	34200	14.5				12	34000	3.74	21600	2.58	8.2
	EN(A,D)4X37*17**	*9MA*0801714A**	TDR&TXV	34400	14.5				12	34000	3.8	21400	2.6	8.2
	EN(A,D)4X37*17**	*9MV*0601714A**	TDR&TXV	34200	14.5				12	34000	3.74	21600	2.56	8.2
	EN(A,D)4X37*17**	*9MV*0801716A**	TDR&TXV	34400	14.5				12	34000	3.8	21400	2.6	8.2
	EN(A,D)4X37*17**	*9MX*0601714A**	TDR&TXV	34800	14.5				12	34000	3.82	22000	2.6	8.5
	EN(A,D)4X37*17**	*9MX*0801716A**	TDR&TXV	34600	14.5				12	34000	3.84	21600	2.62	8.5
	EN(A,D)4X37*17**	MV08B15**B*	TDR&TXV	35000	15				12.5	34800	3.94	21600	2.68	8.7
	EN(A,D)4X37*17**	MV12F19**B*	TDR&TXV	35200	15.2				12.5	34600	3.98	21400	2.7	8.7
	EN(A,D)4X37*17**	*8MPV050	TDR&TXV	34400	13.7				11.5	34400	3.74	22200	2.54	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models														
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Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF	
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP		
						TDR	W/ field TXV							
TSH536GKA	EN(A,D)4X37*17**	*8MPV075	TDR&TXV	35000	14.5			12	3.9	35200	3.9	22000	2.64	8.5
	EN(A,D)4X37*17**	*9MPV050	TDR&TXV	34600	13.7			11.5	3.76	35400	3.76	22200	2.56	8.2
	EN(A,D)4X37*17**	*9MPV075	TDR&TXV	34800	14			11.7	3.8	35200	3.8	22000	2.58	8.5
	EN(A,D)4X37*17**	*9MVX040	TDR&TXV	34600	13.7			11.5	3.76	34000	3.76	22200	2.56	8.2
	EN(A,D)4X37*17**	*9MVX060	TDR&TXV	35000	14			11.7	3.84	34000	3.84	22200	2.6	8.5
	EN(A,D)4X37*17**	OLV098A12A	TDR&TXV	34600	14			11.7	3.78	34000	3.78	21800	2.58	8.5
	EN(A,D)4X37*17**	OMV098J12A	TDR&TXV	34600	14			11.7	3.8	34000	3.8	22000	2.58	8.5
	EN(A,D)4X37*17**	OMV112K14A	TDR&TXV	34800	14.5			12	3.86	34000	3.86	21800	2.62	8.5
	EN(A,D)4X37*17**		TXV	35000		13.7		11.5	3.8	34600	3.8	22800	2.56	8.5
	EN(A,D)4X43*24**	*8MV*1352422**	TDR&TXV	34800	15			12.5	3.92	33800	3.92	21400	2.68	8.5
	EN(A,D)4X43*24**	*9MA*1202422A**	TDR&TXV	34600	15			12.5	3.88	33800	3.88	21400	2.64	8.5
	EN(A,D)4X43*24**	*9MV*1202422A**	TDR&TXV	34600	15			12.5	3.88	33800	3.88	21200	2.66	8.5
	EN(A,D)4X43*24**	MV16J22**B*	TDR&TXV	35200	15.5			12.7	4	33800	4	21400	2.72	8.7
	EN(A,D)4X43*24**	MV20L24**B*	TDR&TXV	35200	15.5			12.7	4	33800	4	21400	2.72	8.7
	EN(A,D)4X43*24**	*8MPV100	TDR&TXV	35800	15			12.5	4.04	34000	4.04	22200	2.72	8.8
	EN(A,D)4X43*24**	*8MPV125	TDR&TXV	35800	15			12.5	4.06	34000	4.06	22000	2.72	9
	EN(A,D)4X43*24**	*9MA*1002120A**	TDR&TXV	34600	15			12.5	3.86	33800	3.86	21400	2.64	8.5
	EN(A,D)4X43*24**	*9MPV100	TDR&TXV	35600	14.5			12	4	34000	4	22200	2.68	8.7
	EN(A,D)4X43*24**	*9MPV125	TDR&TXV	35600	15			12.5	4.02	34000	4.02	22000	2.7	8.7
	EN(A,D)4X43*24**	*9MV*1002116A**	TDR&TXV	34600	15			12.5	3.86	33800	3.86	21400	2.62	8.5
	EN(A,D)4X43*24**	*9MVX080	TDR&TXV	35600	14.5			12	4	34000	4	22200	2.68	8.5
	EN(A,D)4X43*24**	*9MVX100	TDR&TXV	35400	15			12.5	4	34000	4	22000	2.68	8.7
	EN(A,D)4X43*24**	OLV112A16A	TDR&TXV	35000	14.5			12	3.9	34000	3.9	21800	2.64	8.5
	EN(A,D)4X43*24**	OLV154F20A	TDR&TXV	35800	15			12.5	4.08	34000	4.08	22200	2.72	9
	EN(A,D)4X43*24**		TXV	35000		13.7		11.5	3.8	34200	3.8	22800	2.56	8.5
	EN(A,D)4X36*17**	*8MV*0901716**	TDR&TXV	33400	14			11.7	3.62	34000	3.62	21200	2.52	8
	EN(A,D)4X36*17**	*8MX*0701716**	TDR&TXV	33400	13.5			11.5	3.58	34400	3.58	21400	2.48	8
	EN(A,D)4X36*17**	*9MA*0601714A**	TDR&TXV	33000	13.7			11.5	3.5	34000	3.5	21200	2.46	8
	EN(A,D)4X36*17**	*9MA*0801714A**	TDR&TXV	33000	14			11.5	3.54	34000	3.54	21200	2.48	8
	EN(A,D)4X36*17**	*9MV*0601714A**	TDR&TXV	33200	13.7			11.2	3.54	34400	3.54	21600	2.48	8
	EN(A,D)4X36*17**	*9MV*0801716A**	TDR&TXV	33400	14			11.5	3.6	34200	3.6	21400	2.5	8
	EN(A,D)4X36*17**	*9MX*0601714A**	TDR&TXV	33200	13.7			11.5	3.56	34400	3.56	21600	2.48	8
	EN(A,D)4X36*17**	*9MX*0801716A**	TDR&TXV	33200	14			11.5	3.56	34000	3.56	21200	2.5	8
	EN(A,D)4X36*17**	MV08B15**B*	TDR&TXV	33600	14.5			12	3.68	34200	3.68	21200	2.56	8.2
	EN(A,D)4X36*17**	MV12F19**B*	TDR&TXV	33800	14.5			12	3.7	34000	3.7	21200	2.58	8.2
	EN(A,D)4X36*17**	*8MPV050	TDR&TXV	33000	13.2			11	3.48	34600	3.48	21800	2.44	8

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP	
						W/ field TDR	W/ field TXV						
TSH536GKA	EN(A,D,W)4X36*17**	*8MPV075	TDR&TXV	33600	14			11.5	34400	3.62	21600	2.52	8
	EN(A,D,W)4X36*17**	*9MPV050	TDR&TXV	33200	13.2			11.2	34600	3.52	21800	2.44	8
	EN(A,D,W)4X36*17**	*9MPV075	TDR&TXV	33200	13.5			11.2	34600	3.54	21600	2.46	8
	EN(A,D,W)4X36*17**	*9MVX040	TDR&TXV	33200	13.5			11	34600	3.5	21800	2.44	8
	EN(A,D,W)4X36*17**	*9MVX060	TDR&TXV	33400	13.5			11.2	34600	3.58	21800	2.48	8
	EN(A,D,W)4X36*17**	OLV098A12A	TDR&TXV	33200	13.7			11.2	34400	3.54	21600	2.46	8
	EN(A,D,W)4X36*17**	OMV098J12A	TDR&TXV	33200	13.5			11.2	34600	3.54	21600	2.46	8
	EN(A,D,W)4X36*17**	OMV112K14A	TDR&TXV	33400	14			11.5	34400	3.6	21400	2.5	8.2
	EN(A,D,W)4X36*17**		TXV	33600		13		11	35200	3.58	22400	2.46	8
	EN(A,D,W)4X42*21**	*8MV*1102120**	TDR&TXV	33800	14.5			12	34200	3.7	21200	2.56	8.2
	EN(A,D,W)4X42*21**	*8MX*0902116**	TDR&TXV	34000	14.5			12	34400	3.74	21400	2.58	8.2
	EN(A,D,W)4X42*21**	*8MX*1102120**	TDR&TXV	34200	14.5			12	34400	3.78	21400	2.6	8.5
	EN(A,D,W)4X42*21**	*9MA*0601714A**	TDR&TXV	33200	14			11.5	34200	3.58	21200	2.5	8
	EN(A,D,W)4X42*21**	*9MA*0602120A**	TDR&TXV	33600	14.2			12	34400	3.62	21200	2.52	8.2
	EN(A,D,W)4X42*21**	*9MA*0801714A**	TDR&TXV	33400	14			11.7	34200	3.62	21200	2.52	8
	EN(A,D,W)4X42*21**	*9MA*0802120A**	TDR&TXV	33800	14.5			12	34200	3.68	21000	2.56	8.2
	EN(A,D,W)4X42*21**	*9MA*1002122A**	TDR&TXV	34000	14.5			12	34400	3.7	21200	2.56	8.2
	EN(A,D,W)4X42*21**	*9MV*0601714A**	TDR&TXV	33600	14			11.5	34600	3.64	21600	2.52	8
	EN(A,D,W)4X42*21**	*9MV*0801716A**	TDR&TXV	33800	14			11.7	34400	3.68	21600	2.54	8.2
	EN(A,D,W)4X42*21**	*9MV*0802120A**	TDR&TXV	34000	14.5			12	34400	3.68	21200	2.56	8.2
	EN(A,D,W)4X42*21**	*9MV*1002120A**	TDR&TXV	34000	14.5			12	34200	3.68	21200	2.56	8.2
	EN(A,D,W)4X42*21**	*9MX*0601714A**	TDR&TXV	33800	14			11.5	34600	3.64	21600	2.52	8.2
	EN(A,D,W)4X42*21**	*9MX*0801716A**	TDR&TXV	33600	14.2			11.7	34200	3.64	21400	2.54	8.2
	EN(A,D,W)4X42*21**	MV12F19**B*	TDR&TXV	34200	15			12.5	34200	3.78	21200	2.62	8.5
	EN(A,D,W)4X42*21**	MV16J22**B*	TDR&TXV	34200	15			12.5	34200	3.8	21200	2.62	8.5
	EN(A,D,W)4X42*21**	*8MPV075	TDR&TXV	34000	14			11.7	34800	3.72	21800	2.56	8.2
	EN(A,D,W)4X42*21**	*8MPV100	TDR&TXV	34400	14.5			12	34800	3.8	21800	2.6	8.5
	EN(A,D,W)4X42*21**	*8MPV125	TDR&TXV	34400	14.5			12	34600	3.8	21600	2.6	8.5
	EN(A,D,W)4X42*21**	*9MA*1002120A**	TDR&TXV	33600	14.5			11.7	34200	3.64	21200	2.54	8.2
	EN(A,D,W)4X42*21**	*9MPV050	TDR&TXV	33600	13.5			11.2	34800	3.58	22000	2.48	8
	EN(A,D,W)4X42*21**	*9MPV075	TDR&TXV	33800	13.7			11.2	34800	3.62	21800	2.5	8.2
	EN(A,D,W)4X42*21**	*9MPV100	TDR&TXV	34200	14			11.7	34800	3.74	21800	2.58	8.2
	EN(A,D,W)4X42*21**	*9MV*1002116A**	TDR&TXV	33800	14.2			11.7	34400	3.68	21600	2.54	8.2
	EN(A,D,W)4X42*21**	*9MVX060	TDR&TXV	33800	14			11.5	34800	3.66	21800	2.52	8.2
	EN(A,D,W)4X42*21**	*9MVX080	TDR&TXV	34400	14			11.7	35000	3.76	22000	2.58	8.2
	EN(A,D,W)4X42*21**	OLV098A12A	TDR&TXV	33600	14			11.5	34600	3.6	21600	2.5	8

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
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Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					Standard	SEER		EER	Heat 17°F (-8.3°C)				
						TDR	W/ field TXV		BTU/hr	COP			
TSH536GKA	EN(A,D,W)4X42*21**	OLV112A16A	TDR&TXV	34000	14			11.5	34600	3.68	21800	2.54	8.2
	EN(A,D,W)4X42*21**	OMV098J12A	TDR&TXV	33600	14			11.5	34600	3.62	21800	2.5	8.2
	EN(A,D,W)4X42*21**	OMV112K14A	TDR&TXV	33800	14			11.7	34400	3.68	21400	2.54	8.2
	EN(A,D,W)4X42*21**		TXV	34000		13		11	35400	3.64	22400	2.5	8.2
	END4X42*17**	*8MV*0901716**	TDR&TXV	34000	14.5			12	34400	3.74	21400	2.58	8.2
	END4X42*17**	*8MX*0701716**	TDR&TXV	34000	14			11.7	34600	3.7	21600	2.54	8.2
	END4X42*17**	*9MA*0601714A**	TDR&TXV	33600	14			11.7	34400	3.62	21400	2.52	8
	END4X42*17**	*9MA*0801714A**	TDR&TXV	33800	14.2			11.7	34200	3.66	21400	2.54	8.2
	END4X42*17**	*9MV*0601714A**	TDR&TXV	34000	14			11.5	34800	3.68	21800	2.54	8.2
	END4X42*17**	*9MV*0801716A**	TDR&TXV	34000	14.2			11.7	34600	3.72	21600	2.56	8.2
	END4X42*17**	*9MX*0601714A**	TDR&TXV	34000	14			11.7	34600	3.7	21800	2.54	8.2
	END4X42*17**	*9MX*0801716A**	TDR&TXV	34000	14.5			12	34400	3.7	21400	2.56	8.2
	END4X42*17**	MV08B15**B*	TDR&TXV	34400	14.5			12	34400	3.8	21400	2.62	8.5
	END4X42*17**	MV12F19**B*	TDR&TXV	34400	15			12.5	34400	3.84	21200	2.64	8.5
	END4X42*17**	*8MPV050	TDR&TXV	33800	13.5			11.2	35000	3.62	22000	2.5	8
	END4X42*17**	*8MPV075	TDR&TXV	34200	14			11.7	34800	3.76	21800	2.58	8.2
	END4X42*17**	*9MPV050	TDR&TXV	33800	13.5			11.2	35000	3.64	22000	2.5	8.2
	END4X42*17**	*9MPV075	TDR&TXV	34000	13.7			11.5	34800	3.68	21800	2.52	8.2
	END4X42*17**	*9MVX040	TDR&TXV	33800	13.5			11.2	35000	3.64	22000	2.5	8.2
	END4X42*17**	*9MVX060	TDR&TXV	34200	14			11.5	35000	3.72	22000	2.54	8.2
	END4X42*17**	OLV098A12A	TDR&TXV	33800	14			11.5	34600	3.66	21800	2.52	8.2
	END4X42*17**	OMV098J12A	TDR&TXV	34000	14			11.5	34800	3.68	21800	2.52	8.2
	END4X42*17**	OMV112K14A	TDR&TXV	34000	14.2			11.7	34600	3.72	21600	2.56	8.2
	END4X42*17**		TXV	34200		13.5		11.2	35600	3.68	22600	2.52	8.2
	ENH4X36*17**	*8MV*0701412**	TDR&TXV	33200	14			11.5	34200	3.58	21400	2.5	8
	ENH4X36*17**	*8MV*0901716**	TDR&TXV	33400	14			11.7	34000	3.62	21200	2.52	8
	ENH4X36*17**	*8MV*1102120**	TDR&TXV	33400	14			11.7	34200	3.62	21200	2.52	8
	ENH4X36*17**	*8MV*1352422**	TDR&TXV	33400	14.5			12	34000	3.62	21200	2.54	8
	ENH4X36*17**	*8MX*0451408**	TDR&TXV	33200	13.5			11.2	34600	3.54	21800	2.46	8
	ENH4X36*17**	*8MX*0701716**	TDR&TXV	33400	13.5			11.5	34400	3.58	21400	2.48	8
	ENH4X36*17**	*8MX*0902116**	TDR&TXV	33600	14.5			12	34200	3.66	21200	2.54	8.2
	ENH4X36*17**	*8MX*1102120**	TDR&TXV	33600	14.5			12	34200	3.68	21200	2.56	8.2
	ENH4X36*17**	*9MA*0601714A**	TDR&TXV	33000	13.7			11.5	34000	3.5	21200	2.46	8
	ENH4X36*17**	*9MA*0801714A**	TDR&TXV	33000	14			11.5	34000	3.54	21200	2.48	8
	ENH4X36*17**	*9MA*1202422A**	TDR&TXV	33200	14			11.7	34000	3.58	21000	2.52	8
	ENH4X36*17**	*9MV*0601714A**	TDR&TXV	33200	13.7			11.2	34400	3.54	21600	2.48	8

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Cooling 95°F (35°C)						Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
				Capacity BTU/hr	SEER			EER	BTU/hr	COP	BTU/hr	COP		
					Standard	W/ field TDR	W/ field TXV							
TSH536GKA	ENH4X36*17**	*9MV*0801716A**	TDR&TXV	33400	14			11.5	34200	3.6	21400	2.5	8	
	ENH4X36*17**	*9MV*1202422A**	TDR&TXV	33200	14.2			11.7	34000	3.6	21000	2.52	8	
	ENH4X36*17**	*9MX*0601714A**	TDR&TXV	33200	13.7			11.2	34400	3.56	21600	2.48	8	
	ENH4X36*17**	*9MX*0801716A**	TDR&TXV	33200	14			11.5	34000	3.56	21200	2.5	8	
	ENH4X36*17**	MV08B15**B*	TDR&TXV	33600	14.5			12	34200	3.68	21200	2.56	8.2	
	ENH4X36*17**	MV12F19**B*	TDR&TXV	33800	14.5			12	34000	3.7	21200	2.58	8.2	
	ENH4X36*17**	MV16J22**B*	TDR&TXV	33800	14.5			12	34000	3.72	21200	2.58	8.2	
	ENH4X36*17**	MV20L24**B*	TDR&TXV	33800	14.5			12	34000	3.7	21200	2.58	8.2	
	ENH4X36*17**	*8MPV050	TDR&TXV	33000	13.2			11	34600	3.48	21800	2.44	8	
	ENH4X36*17**	*8MPV075	TDR&TXV	33600	14			11.5	34400	3.62	21600	2.52	8	
	ENH4X36*17**	*8MPV100	TDR&TXV	33800	14			11.7	34600	3.7	21600	2.56	8.2	
	ENH4X36*17**	*8MPV125	TDR&TXV	33800	14			11.7	34400	3.7	21400	2.56	8.2	
	ENH4X36*17**	*9MA*1002120A**	TDR&TXV	33200	14			11.5	34000	3.58	21200	2.5	8	
	ENH4X36*17**	*9MPV050	TDR&TXV	33200	13.2			11.2	34600	3.52	21800	2.44	8	
	ENH4X36*17**	*9MPV075	TDR&TXV	33200	13.5			11.2	34600	3.54	21600	2.46	8	
	ENH4X36*17**	*9MPV100	TDR&TXV	33600	14			11.5	34600	3.64	21600	2.52	8.2	
	ENH4X36*17**	*9MPV125	TDR&TXV	33800	14			11.7	34400	3.68	21600	2.54	8.2	
	ENH4X36*17**	*9MV*1002116A**	TDR&TXV	33400	14			11.5	34200	3.6	21400	2.5	8	
	ENH4X36*17**	*9MVX040	TDR&TXV	33200	13.2			11	34600	3.5	21800	2.44	8	
	ENH4X36*17**	*9MVX060	TDR&TXV	33400	13.5			11.2	34600	3.58	21800	2.48	8	
	ENH4X36*17**	*9MVX080	TDR&TXV	33800	14			11.5	34800	3.68	21800	2.54	8.2	
	ENH4X36*17**	*9MVX100	TDR&TXV	33600	14			11.7	34400	3.66	21400	2.54	8.2	
	ENH4X36*17**	OLV098A12A	TDR&TXV	33200	13.5			11.2	34400	3.54	21600	2.46	8	
	ENH4X36*17**	OLV112A16A	TDR&TXV	33600	13.7			11.5	34600	3.6	21600	2.5	8.2	
	ENH4X36*17**	OLV154F20A	TDR&TXV	34200	14			11.7	35000	3.76	22000	2.58	8.2	
	ENH4X36*17**	OMV098J12A	TDR&TXV	33200	13.5			11.2	34600	3.54	21600	2.46	8	
	ENH4X36*17**	OMV112K14A	TDR&TXV	33400	14			11.5	34400	3.6	21400	2.5	8	
	ENH4X36*17**		TXV	33600		13		11	35200	3.58	22400	2.46	8	
	ENH4X42*21**	*8MV*0701412**	TDR&TXV	33600	14			11.7	34400	3.66	21400	2.54	8.2	
	ENH4X42*21**	*8MV*0901716**	TDR&TXV	33800	14.5			12	34200	3.7	21200	2.56	8.2	
	ENH4X42*21**	*8MV*1102120**	TDR&TXV	33800	14.5			12	34200	3.7	21200	2.56	8.2	
	ENH4X42*21**	*8MV*1352422**	TDR&TXV	33800	14.5			12	34200	3.7	21200	2.56	8.2	
	ENH4X42*21**	*8MX*0451408**	TDR&TXV	33600	13.5			11.2	34800	3.62	22000	2.5	8	
	ENH4X42*21**	*8MX*0701716**	TDR&TXV	33800	14			11.5	34600	3.66	21600	2.52	8.2	
	ENH4X42*21**	*8MX*0902116**	TDR&TXV	34000	14.5			12	34400	3.74	21400	2.58	8.2	
	ENH4X42*21**	*8MX*1102120**	TDR&TXV	34200	14.5			12	34400	3.78	21400	2.6	8.5	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models												
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Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			
					SEER				Heat 17°F (-8.3°C)			
					Standard	TDR	W/ field	W/ field TXV	EER	BTU/hr	COP	HSPF
TSH536GKA	ENH4X42*21**	*9MA*0601714A**	TDR&TXV	33200	14				11.5	34200	3.58	2.5
	ENH4X42*21**	*9MA*0602120A**	TDR&TXV	33600	14.2				12	34400	3.62	2.52
	ENH4X42*21**	*9MA*0801714A**	TDR&TXV	33400	14				11.7	34200	3.62	2.52
	ENH4X42*21**	*9MA*0802120A**	TDR&TXV	33800	14.5				12	34200	3.68	2.56
	ENH4X42*21**	*9MA*1002122A**	TDR&TXV	34000	14.5				12	34400	3.7	2.56
	ENH4X42*21**	*9MA*1202422A**	TDR&TXV	33600	14.5				12	34000	3.66	2.54
	ENH4X42*21**	*9MV*0601714A**	TDR&TXV	33600	14				11.5	34600	3.64	2.52
	ENH4X42*21**	*9MV*0801716A**	TDR&TXV	33800	14				11.7	34400	3.68	2.54
	ENH4X42*21**	*9MV*0802120A**	TDR&TXV	34000	14.5				12	34400	3.68	2.56
	ENH4X42*21**	*9MV*1002120A**	TDR&TXV	34000	14.5				12	34200	3.68	2.56
	ENH4X42*21**	*9MV*1202422A**	TDR&TXV	33800	14.5				12	34200	3.7	2.56
	ENH4X42*21**	*9MX*0601714A**	TDR&TXV	33800	14				11.5	34600	3.64	2.52
	ENH4X42*21**	*9MX*0801716A**	TDR&TXV	33600	14				11.7	34200	3.64	2.54
	ENH4X42*21**	MV08B15**B*	TDR&TXV	34000	14.5				12	34200	3.76	2.6
	ENH4X42*21**	MV12F19**B*	TDR&TXV	34200	15				12.5	34200	3.78	2.62
	ENH4X42*21**	MV16J22**B*	TDR&TXV	34200	15				12.5	34200	3.8	2.62
	ENH4X42*21**	MV20L24**B*	TDR&TXV	34200	15				12.5	34200	3.78	2.62
	ENH4X42*21**	*8MPV050	TDR&TXV	33400	13.5				11.2	34400	3.56	2.48
	ENH4X42*21**	*8MPV075	TDR&TXV	34000	14				11.7	34800	3.72	2.56
	ENH4X42*21**	*8MPV100	TDR&TXV	34400	14.5				12	34800	3.8	2.6
	ENH4X42*21**	*8MPV125	TDR&TXV	34400	14.5				12	34600	3.8	2.6
	ENH4X42*21**	*9MA*1002120A**	TDR&TXV	33600	14.2				11.7	34200	3.64	2.54
	ENH4X42*21**	*9MPV050	TDR&TXV	33600	13.5				11.2	34800	3.58	2.48
	ENH4X42*21**	*9MPV075	TDR&TXV	33800	13.7				11.2	34800	3.62	2.5
	ENH4X42*21**	*9MPV100	TDR&TXV	34200	14				11.7	34800	3.74	2.58
	ENH4X42*21**	*9MPV125	TDR&TXV	34400	14.5				12	34800	3.78	2.6
	ENH4X42*21**	*9MV*1002116A**	TDR&TXV	33800	14.2				11.7	34400	3.68	2.54
	ENH4X42*21**	*9MVX040	TDR&TXV	33600	13.5				11.2	34800	3.58	2.48
	ENH4X42*21**	*9MVX060	TDR&TXV	33800	14				11.5	34800	3.66	2.52
	ENH4X42*21**	*9MVX080	TDR&TXV	34400	14				11.7	35000	3.76	2.58
	ENH4X42*21**	*9MVX100	TDR&TXV	34200	14.5				12	34600	3.74	2.58
	ENH4X42*21**	OLV098A12A	TDR&TXV	33600	14				11.5	34600	3.6	2.5
	ENH4X42*21**	OLV112A16A	TDR&TXV	34000	14				11.5	34600	3.68	2.54
	ENH4X42*21**	OLV154F20A	TDR&TXV	34600	14.5				12	35000	3.84	2.62
	ENH4X42*21**	OMV112K14A	TDR&TXV	33800	14				11.7	34400	3.68	2.54
	ENH4X42*21**		TXV	34000		13			11	35400	3.64	2.5

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Cooling 95°F (35°C)					Heat 47°F (8.3°C)			Heat 17°F (-8.3°C)		
				Capacity BTU/hr	SEER			EER	BTU/hr	COP	BTU/hr	COP	BTU/hr	HSPF
					Standard	W/ field TDR	W/ field TXV							
TSH536GKA	ENH4X43*21**	*9MA*0601714A**	TDR&TXV	34200	14.5			12	33800	3.76	21400	2.58	21400	8.2
	ENH4X43*21**	*9MA*0801714A**	TDR&TXV	34400	14.5			12	33800	3.8	21400	2.6	21400	8.2
	ENH4X43*21**	*9MA*1202422A**	TDR&TXV	34600	15			12.5	33800	3.86	21400	2.64	21400	8.5
	ENH4X43*21**	*9MV*0601714A**	TDR&TXV	34200	14.5			12	33800	3.76	21600	2.58	21600	8.2
	ENH4X43*21**	*9MV*0801716A**	TDR&TXV	34400	14.5			12	33800	3.82	21400	2.6	21400	8.5
	ENH4X43*21**	*9MV*1202422A**	TDR&TXV	34600	15			12.5	33800	3.84	21200	2.64	21200	8.5
	ENH4X43*21**	*9MX*0601714A**	TDR&TXV	34800	14.5			12	34000	3.84	22000	2.6	22000	8.5
	ENH4X43*21**	*9MX*0801716A**	TDR&TXV	34800	14.5			12	34000	3.86	21600	2.62	21600	8.5
	ENH4X43*21**	MV08B15**B*	TDR&TXV	35000	15			12.5	33800	3.96	21600	2.68	21600	8.7
	ENH4X43*21**	MV12F19**B*	TDR&TXV	35200	15.2			12.5	33800	3.98	21400	2.7	21400	8.7
	ENH4X43*21**	MV16J22**B*	TDR&TXV	35200	15.2			12.5	33800	4	21400	2.7	21400	8.7
	ENH4X43*21**	MV20L24**B*	TDR&TXV	35200	15.2			12.5	33800	3.98	21400	2.7	21400	8.7
	ENH4X43*21**	*8MPV050	TDR&TXV	34600	13.7			11.5	34000	3.76	22200	2.56	22200	8.2
	ENH4X43*21**	*8MPV075	TDR&TXV	35200	14.5			12	34000	3.92	22000	2.64	22000	8.5
	ENH4X43*21**	*8MPV100	TDR&TXV	35600	15			12.5	34000	4.02	22000	2.7	22000	8.7
	ENH4X43*21**	*8MPV125	TDR&TXV	35600	15			12.5	34000	4.04	22000	2.7	22000	9
	ENH4X43*21**	*9MA*1002120A**	TDR&TXV	34600	15			12	33800	3.84	21400	2.62	21400	8.5
	ENH4X43*21**	*9MPV050	TDR&TXV	34800	14			11.5	34000	3.78	22200	2.56	22200	8.2
	ENH4X43*21**	*9MPV075	TDR&TXV	34800	14			11.7	34000	3.84	22200	2.6	22200	8.5
	ENH4X43*21**	*9MPV100	TDR&TXV	35400	14.5			12	34000	3.96	22200	2.66	22200	8.7
	ENH4X43*21**	*9MPV125	TDR&TXV	35400	15			12.5	34000	4	22000	2.68	22000	8.7
	ENH4X43*21**	*9MV*1002116A**	TDR&TXV	34600	15			12.5	33800	3.82	21400	2.62	21400	8.5
	ENH4X43*21**	*9MVX040	TDR&TXV	34600	14			11.5	34000	3.78	22200	2.56	22200	8.2
	ENH4X43*21**	*9MVX060	TDR&TXV	35000	14.5			12	34000	3.86	22200	2.62	22200	8.5
	ENH4X43*21**	*9MVX080	TDR&TXV	35600	14.5			12	34000	3.98	22200	2.68	22200	8.7
	ENH4X43*21**	*9MVX100	TDR&TXV	35400	15			12.5	34000	3.98	22000	2.68	22000	8.7
	ENH4X43*21**	OLV098A12A	TDR&TXV	34600	14.5			12	33800	3.8	21800	2.58	21800	8.5
	ENH4X43*21**	OLV112A16A	TDR&TXV	35000	14.5			12	33800	3.9	21800	2.64	21800	8.5
	ENH4X43*21**	OLV154F20A	TDR&TXV	35800	15			12.5	34000	4.06	22200	2.72	22200	8.9
	ENH4X43*21**	OMV098J12A	TDR&TXV	34600	14.5			12	34000	3.82	21800	2.6	21800	8.5
	ENH4X43*21**	OMV112K14A	TDR&TXV	34800	14.5			12	33800	3.86	21600	2.62	21600	8.5

2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					SEER			EER	Heat 17°F (-8.3°C)				
					Standard	W/ field TDR	W/ field TXV		BTU/hr	COP	BTU/hr	COP	
TSH542GKA	*FXM4X42**A*		TDR&TXV	42000	15			12.5	43000	3.8	26800	2.58	8.7
	FCM4X36****		TDR&TXV	40500	14.5			12.2	41500	3.66	25800	2.52	8.2
	FCM4X48****		TDR&TXV	42500	15.5			12.7	41500	3.86	26200	2.64	8.5
	FCM4X60****		TDR&TXV	43000	16			13	42000	4	26200	2.7	9
	FEM4P42**A*		TDR	42000			14.5	12.2	42000	3.78	26800	2.58	8.5
	FEM4P48**A*		TDR	42000			15	12.5	42000	3.8	26600	2.6	8.5
	FEM4X42****		TDR&TXV	42000	14.5			12	42000	3.76	26800	2.56	8.5
	FEM4X48****		TDR&TXV	43000	15			12.5	42000	3.9	26800	2.64	8.5
	FS(M,U)4P42**A*		TDR	42000			14.5	12	42000	3.74	27000	2.54	8.2
	FS(M,U)4P48**A*		TDR	42500			14.5	12	42500	3.78	27200	2.56	8.5
	FVM4X36****		TDR&TXV	40500	14.5			12.2	41500	3.66	25800	2.52	8.2
	FVM4X48****		TDR&TXV	42500	15.5			12.7	41500	3.86	26200	2.64	8.5
	FVM4X60****		TDR&TXV	43000	16			13	42000	4	26200	2.7	9
	FXM4X48**A*		TDR&TXV	43000	15.5			12.7	42000	3.94	26800	2.66	8.7
	EA*4X42*21A*	*8MV*1102120**	TDR&TXV	40500	14.5			12	42000	3.66	26000	2.52	8.2
	EA*4X42*21A*	*8MX*0902116**	TDR&TXV	41000	14.5			12	42000	3.68	26000	2.54	8.2
	EA*4X42*21A*	*8MX*1102120**	TDR&TXV	41000	14.5			12.2	42000	3.7	26000	2.56	8.2
	EA*4X42*21A*	*9MA*0601714A**	TDR&TXV	40000	13.7			11.5	42000	3.52	26200	2.44	8
	EA*4X42*21A*	*9MA*0602120A**	TDR&TXV	40000	14			11.7	41500	3.56	26000	2.48	8
	EA*4X42*21A*	*9MA*0801714A**	TDR&TXV	40000	14			11.7	42000	3.56	26000	2.46	8
	EA*4X42*21A*	*9MA*0802120A**	TDR&TXV	40500	14.5			12	41500	3.6	25800	2.5	8.2
	EA*4X42*21A*	*9MA*1002122A**	TDR&TXV	41000	14.5			12.2	42000	3.66	26000	2.54	8.2
	EA*4X42*21A*	*9MV*0601714A**	TDR&TXV	40500	13.5			11.5	42500	3.56	26400	2.46	8
	EA*4X42*21A*	*9MV*0801716A**	TDR&TXV	40500	14			11.7	42000	3.58	26200	2.48	8
	EA*4X42*21A*	*9MV*0802120A**	TDR&TXV	40500	14.5			12	42000	3.64	26000	2.52	8.2
	EA*4X42*21A*	*9MV*1002120A**	TDR&TXV	40500	14.5			12.2	41500	3.66	26000	2.52	8.2
	EA*4X42*21A*	*9MX*0601714A**	TDR&TXV	40500	13.7			11.5	42500	3.58	26400	2.46	8
	EA*4X42*21A*	*9MX*0801716A**	TDR&TXV	40500	14			11.7	42500	3.62	26400	2.5	8.2
	EA*4X42*21A*	*9MX*0802120A**	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.54	8.2
	EA*4X42*21A*	*9MX*1002120A**	TDR&TXV	41000	14.5			12.2	42000	3.66	26000	2.52	8.2
	EA*4X42*21A*	MV12F19**B*	TDR&TXV	41000	15			12.5	41500	3.72	25800	2.56	8.5
	EA*4X42*21A*	MV16J22**B*	TDR&TXV	41000	15			12.5	41500	3.74	25800	2.58	8.5
	EA*4X42*21A*	*8MPV075	TDR&TXV	41000	14			11.7	42500	3.64	26600	2.5	8.2
	EA*4X42*21A*	*8MPV100	TDR&TXV	41000	14.5			12	42500	3.72	26400	2.56	8.5
	EA*4X42*21A*	*8MPV125	TDR&TXV	41000	14.5			12.2	42000	3.72	26200	2.56	8.5
	EA*4X42*21A*	*9MA*1002120A**	TDR&TXV	40500	14.2			11.7	41500	3.6	26000	2.48	8
	EA*4X42*21A*	*9MPV075	TDR&TXV	40500	13.5			11.2	42500	3.56	26800	2.44	8

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
					SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV					
TSH542GKA	EA*4X42*21A*	*9MPV100	TDR&TXV	41000	14.2			11.7	42500	3.68	26400	2.52
	EA*4X42*21A*	*9MV*1002116A**	TDR&TXV	40500	14			11.7	42000	3.64	26400	2.5
	EA*4X42*21A*	*9MX*1002116A**	TDR&TXV	40500	14			11.7	42000	3.6	26200	2.5
	EA*4X42*21A*	OLV112A16A	TDR&TXV	41000	13.7			11.5	42500	3.62	26600	2.48
	EA*4X42*21A*	OMV112K14A	TDR&TXV	40500	14			11.7	42000	3.6	26200	2.48
	EA*4X42*21A*		TXV	41000		13.5		11.2	43000	3.6	27200	2.46
	EA*4X42*24A*	*8MV*1352422**	TDR&TXV	41000	14.5			12.2	41500	3.68	25800	2.54
	EA*4X42*24A*	*8MX*1352420**	TDR&TXV	41000	14.5			12.2	42000	3.7	26000	2.54
	EA*4X42*24A*	*9MA*0602120A**	TDR&TXV	40000	14			11.7	41500	3.56	26000	2.48
	EA*4X42*24A*	*9MA*0802120A**	TDR&TXV	40500	14.5			12	41500	3.62	25800	2.5
	EA*4X42*24A*	*9MA*1002122A**	TDR&TXV	41000	14.5			12.2	42000	3.68	26000	2.54
	EA*4X42*24A*	*9MA*1202422A**	TDR&TXV	40500	14.5			12	41500	3.62	25800	2.52
	EA*4X42*24A*	*9MV*0802120A**	TDR&TXV	41000	14.5			12	42000	3.66	26000	2.52
	EA*4X42*24A*	*9MV*1002120A**	TDR&TXV	41000	14.5			12.2	42000	3.66	26000	2.54
	EA*4X42*24A*	*9MV*1202422A**	TDR&TXV	41000	14.5			12	42000	3.66	26000	2.52
	EA*4X42*24A*	*9MX*0802120A**	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.54
	EA*4X42*24A*	*9MX*1002120A**	TDR&TXV	41000	14.5			12.2	42000	3.68	26000	2.54
	EA*4X42*24A*	*9MX*1202422A**	TDR&TXV	41000	14.5			12	42000	3.7	26400	2.56
	EA*4X42*24A*	MV16J22**B*	TDR&TXV	41000	15			12.5	41500	3.74	25800	2.58
	EA*4X42*24A*	MV20L24**B*	TDR&TXV	41000	15			12.5	41500	3.74	25800	2.58
	EA*4X42*24A*	*8MPV100	TDR&TXV	41500	14.5			12	42500	3.72	26400	2.56
	EA*4X42*24A*	*8MPV125	TDR&TXV	41500	14.5			12.2	42000	3.74	26200	2.56
	EA*4X42*24A*	*9MA*1002120A**	TDR&TXV	40500	14.2			11.7	41500	3.6	26000	2.5
	EA*4X42*24A*	*9MPV100	TDR&TXV	41000	14.5			12	42500	3.68	26600	2.54
	EA*4X42*24A*	*9MPV125	TDR&TXV	41000	14.5			12	42000	3.7	26200	2.54
	EA*4X42*24A*	*9MV*1002116A**	TDR&TXV	41000	14			11.7	42000	3.64	26400	2.5
	EA*4X42*24A*	*9MVX100	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.54
	EA*4X42*24A*	*9MX*1002116A**	TDR&TXV	40500	14			11.7	42000	3.62	26200	2.5
	EA*4X42*24A*	OLV112A16A	TDR&TXV	41000	13.7			11.5	42500	3.62	26600	2.5
	EA*4X42*24A*	OLV154F20A	TDR&TXV	41500	14.5			12	42500	3.76	26800	2.58
	EA*4X42*24A*		TXV	41000		13.5		11.2	43000	3.6	27200	2.46
	EA*4X48*17A*	*8MV*0901716**	TDR&TXV	41500	15			12.5	42000	3.8	26400	2.58
	EA*4X48*17A*	*8MX*0701716**	TDR&TXV	41500	14			11.7	42000	3.74	27000	2.52
	EA*4X48*17A*	*9MA*0601714A**	TDR&TXV	41000	14			11.7	42000	3.68	26600	2.5
	EA*4X48*17A*	*9MA*0801714A**	TDR&TXV	41000	14.5			12	42000	3.7	26400	2.54

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models														
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.														
Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF	
					SEER			EER	Heat 17°F (-8.3°C)					
					Standard	TDR	W/ field TXV		BTU/hr	COP	BTU/hr	COP		
TSH542GKA	EA*4X48*17A*	*9MV*0601714A**	TDR&TXV	41500	14				11.7	42000	3.7	26800	2.52	8.2
	EA*4X48*17A*	*9MV*0801716A**	TDR&TXV	41500	14.5				12	42000	3.74	26600	2.54	8.5
	EA*4X48*17A*	*9MX*0601714A**	TDR&TXV	41500	14.2				11.7	42000	3.72	26800	2.54	8.5
	EA*4X48*17A*	*9MX*0801716A**	TDR&TXV	41500	14.5				12	42000	3.76	26800	2.56	8.5
	EA*4X48*17A*	MV12F19**B*	TDR&TXV	42000	15.2				12.5	41500	3.88	26200	2.64	8.5
	EA*4X48*17A*	*8MPV075	TDR&TXV	42000	14.5				12	42000	3.78	26800	2.56	8.5
	EA*4X48*17A*	*9MPV075	TDR&TXV	41500	13.7				11.5	42000	3.7	27000	2.5	8.2
	EA*4X48*17A*	OMV112K14A	TDR&TXV	41500	14.5				12	42000	3.76	26600	2.54	8.5
	EA*4X48*17A*		TXV	42000		14			11.7	42000	3.78	27600	2.54	8.5
	EA*4X48*21A*	*8MV*1102120**	TDR&TXV	41500	14.5				12.2	41500	3.76	26200	2.58	8.5
	EA*4X48*21A*	*8MX*0902116**	TDR&TXV	41500	15				12.5	42000	3.78	26200	2.58	8.5
	EA*4X48*21A*	*8MX*1102120**	TDR&TXV	41500	15				12.5	41500	3.8	26200	2.6	8.5
	EA*4X48*21A*	*9MA*0601714A**	TDR&TXV	40500	14				11.7	42000	3.62	26400	2.48	8.2
	EA*4X48*21A*	*9MA*0602120A**	TDR&TXV	41000	14.5				12	42000	3.66	26200	2.52	8.2
	EA*4X48*21A*	*9MA*0801714A**	TDR&TXV	41000	14.2				11.7	42000	3.66	26200	2.52	8.2
	EA*4X48*21A*	*9MA*0802120A**	TDR&TXV	41000	14.5				12.2	42000	3.72	26000	2.54	8.2
	EA*4X48*21A*	*9MA*1002122A**	TDR&TXV	41500	14.5				12.2	42000	3.78	26200	2.58	8.5
	EA*4X48*21A*	*9MV*0601714A**	TDR&TXV	41000	14				11.5	42000	3.66	26800	2.5	8.2
	EA*4X48*21A*	*9MV*0801716A**	TDR&TXV	41000	14.2				11.7	42000	3.68	26400	2.52	8.2
	EA*4X48*21A*	*9MV*0802120A**	TDR&TXV	41500	14.5				12.2	42000	3.76	26200	2.56	8.5
	EA*4X48*21A*	*9MV*1002120A**	TDR&TXV	41500	14.5				12.2	42000	3.76	26200	2.58	8.5
	EA*4X48*21A*	*9MX*0601714A**	TDR&TXV	41000	14				11.7	42000	3.68	26600	2.52	8.2
	EA*4X48*21A*	*9MX*0801716A**	TDR&TXV	41500	14.2				11.7	42000	3.72	26600	2.54	8.5
	EA*4X48*21A*	*9MX*0802120A**	TDR&TXV	41500	14.5				12.2	42500	3.78	26400	2.58	8.5
	EA*4X48*21A*	*9MX*1002120A**	TDR&TXV	41500	14.5				12.2	42000	3.76	26200	2.58	8.5
	EA*4X48*21A*	MV12F19**B*	TDR&TXV	41500	15				12.5	41500	3.84	26200	2.62	8.5
	EA*4X48*21A*	MV16J22**B*	TDR&TXV	42000	15.2				12.5	41500	3.86	26000	2.64	8.5
	EA*4X48*21A*	*8MPV075	TDR&TXV	41500	14.2				11.7	42000	3.74	26800	2.54	8.5
	EA*4X48*21A*	*8MPV100	TDR&TXV	42000	15				12.5	41500	3.82	26600	2.6	8.5
	EA*4X48*21A*	*8MPV125	TDR&TXV	42000	15				12.5	41500	3.84	26400	2.6	8.5
	EA*4X48*21A*	*9MA*1002120A**	TDR&TXV	41000	14.5				12	42000	3.7	26200	2.54	8.2
	EA*4X48*21A*	*9MPV075	TDR&TXV	41000	13.7				11.5	42000	3.66	27000	2.48	8.2
	EA*4X48*21A*	*9MPV100	TDR&TXV	41500	14.5				12	42000	3.78	26600	2.56	8.5
	EA*4X48*21A*	*9MV*1002116A**	TDR&TXV	41500	14.5				12	42000	3.74	26600	2.54	8.5
	EA*4X48*21A*	*9MX*1002116A**	TDR&TXV	41000	14.5				12	42000	3.7	26400	2.54	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF	
					SEER			EER	BTU/hr	COP	BTU/hr	COP		
					Standard	W/ field TDR	W/ field TXV							
TSH542GKA	EA*4X48*21A*	OLV112A16A	TDR&TXV	41500	14			11.7	42000	3.72	26800	2.52	8.2	
	EA*4X48*21A*	OMV112K14A	TDR&TXV	41000	14.2			12	42000	3.7	26600	2.54	8.2	
	EA*4X48*21A*		TXV	41500		13.7		11.7	42000	3.72	27400	2.52	8.2	
	EA*4X48*24A*	*8MV*1352422**	TDR&TXV	41500	15			12.5	41500	3.8	26000	2.6	8.5	
	EA*4X48*24A*	*8MX*1352420**	TDR&TXV	41500	15			12.5	42000	3.82	26200	2.6	8.5	
	EA*4X48*24A*	*9MA*0602120A**	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.52	8.2	
	EA*4X48*24A*	*9MA*0802120A**	TDR&TXV	41000	14.5			12.2	42000	3.72	26000	2.56	8.2	
	EA*4X48*24A*	*9MA*1002122A**	TDR&TXV	41500	15			12.5	42000	3.78	26200	2.58	8.5	
	EA*4X48*24A*	*9MA*1202422A**	TDR&TXV	41000	14.5			12.2	42000	3.72	26000	2.56	8.5	
	EA*4X48*24A*	*9MV*0802120A**	TDR&TXV	41500	14.5			12.2	42500	3.76	26200	2.58	8.5	
	EA*4X48*24A*	*9MV*1002120A**	TDR&TXV	41500	15			12.5	42000	3.78	26200	2.58	8.5	
	EA*4X48*24A*	*9MV*1202422A**	TDR&TXV	41500	15			12.5	42000	3.78	26200	2.58	8.5	
	EA*4X48*24A*	*9MX*0802120A**	TDR&TXV	41500	14.5			12.2	42500	3.8	26400	2.58	8.5	
	EA*4X48*24A*	*9MX*1002120A**	TDR&TXV	41500	15			12.5	42000	3.78	26200	2.58	8.5	
	EA*4X48*24A*	*9MX*1202422A**	TDR&TXV	42000	15			12.5	42000	3.82	26600	2.6	8.5	
	EA*4X48*24A*	MV16J22**B*	TDR&TXV	42000	15.2			12.7	41500	3.86	26000	2.64	8.5	
	EA*4X48*24A*	MV20L24**B*	TDR&TXV	42000	15.2			12.7	41500	3.86	26000	2.64	8.5	
	EA*4X48*24A*	*8MPV100	TDR&TXV	42000	15			12.5	41500	3.84	26600	2.62	8.5	
	EA*4X48*24A*	*8MPV125	TDR&TXV	42000	15			12.5	41500	3.86	26400	2.62	8.5	
	EA*4X48*24A*	*9MA*1002120A**	TDR&TXV	41000	14.5			12	42000	3.7	26200	2.54	8.2	
	EA*4X48*24A*	*9MPV100	TDR&TXV	42000	14.5			12.2	42000	3.8	26800	2.58	8.5	
	EA*4X48*24A*	*9MPV125	TDR&TXV	42000	15			12.5	42000	3.82	26600	2.6	8.5	
	EA*4X48*24A*	*9MV*1002116A**	TDR&TXV	41500	14.5			12	42000	3.76	26600	2.56	8.5	
	EA*4X48*24A*	*9MX*1002116A**	TDR&TXV	41000	14.5			12	42000	3.72	26400	2.54	8.5	
	EA*4X48*24A*	OLV112A16A	TDR&TXV	41500	14.2			11.7	42000	3.74	26800	2.54	8.5	
	EA*4X48*24A*	OLV154F20A	TDR&TXV	42500	15			12.5	42000	3.88	27000	2.62	8.5	
	EA*4X48*24A*		TXV	41500		13.7		11.7	42000	3.72	27400	2.52	8.2	
	ED*4X42F**		*8MV*0901716**	TDR&TXV	40500	14.5			12	42000	3.64	26000	2.52	8.2
	ED*4X42F**		*8MV*1102120**	TDR&TXV	40500	14.5			12	42000	3.64	26000	2.52	8.2
	ED*4X42F**		*8MX*0701716**	TDR&TXV	40500	13.5			11.2	42500	3.56	26600	2.46	8
	ED*4X42F**		*8MX*0902116**	TDR&TXV	41000	14.5			12	42000	3.66	26000	2.52	8.2
	ED*4X42F**		*8MX*1102120**	TDR&TXV	41000	14.5			12.2	42000	3.68	26000	2.54	8.2
	ED*4X42F**		*9MA*0601714A**	TDR&TXV	40000	13.5			11.5	42000	3.52	26200	2.44	8
	ED*4X42F**		*9MA*0602120A**	TDR&TXV	40000	14			11.7	41500	3.56	26000	2.46	8
	ED*4X42F**		*9MA*0801714A**	TDR&TXV	40000	13.7			11.5	42000	3.54	26000	2.46	8
	ED*4X42F**		*9MA*0802120A**	TDR&TXV	40500	14.5			12	41500	3.6	25800	2.5	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models												
For complete ratings information, use the AHRI website directory search: www.ahridirectory.org . New ratings may be listed online before Specification Sheets are updated.												
Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			
					SEER			EER	BTU/hr	COP	Heat 17°F (-8.3°C)	
					Standard	W/ field	TDR				BTU/hr	HSPF
TSH542GKA	ED*4X42F**	*9MA*1002122A**	TDR&TXV	40500	14.5			12	42000	3.66	26000	8.2
	ED*4X42F**	*9MV*0601714A**	TDR&TXV	40500	13.5			11.2	42500	3.54	26400	8
	ED*4X42F**	*9MV*0801716A**	TDR&TXV	40500	13.7			11.5	42000	3.58	26200	8
	ED*4X42F**	*9MV*0802120A**	TDR&TXV	40500	14.5			12	42000	3.62	26000	8.2
	ED*4X42F**	*9MV*1002120A**	TDR&TXV	40500	14.5			12	41500	3.64	25800	8.2
	ED*4X42F**	*9MX*0601714A**	TDR&TXV	40500	13.7			11.5	42500	3.56	26400	8
	ED*4X42F**	*9MX*0801716A**	TDR&TXV	40500	13.7			11.5	42500	3.6	26400	8.2
	ED*4X42F**	*9MX*0802120A**	TDR&TXV	41000	14.5			12	42000	3.66	26200	8.2
	ED*4X42F**	*9MX*1002120A**	TDR&TXV	40500	14.5			12	41500	3.64	26000	8.2
	ED*4X42F**	MV12F19**B*	TDR&TXV	41000	14.5			12.2	42000	3.72	26000	8.2
	ED*4X42F**	*8MPV075	TDR&TXV	40500	13.7			11.5	42500	3.62	26600	8.2
	ED*4X42F**	*9MA*1002120A**	TDR&TXV	40500	14			11.7	42000	3.58	26000	8
	ED*4X42F**	*9MPV075	TDR&TXV	40500	13.2			11.2	42500	3.54	26800	8
	ED*4X42F**	*9MV*1002116A**	TDR&TXV	40500	14			11.7	42000	3.62	26400	8.2
	ED*4X42F**	*9MVX060	TDR&TXV	40500	13.5			11.2	42500	3.58	26800	8
	ED*4X42F**	*9MX*1002116A**	TDR&TXV	40500	14			11.7	42000	3.58	26200	8
	ED*4X42F**	OLV112A16A	TDR&TXV	40500	13.7			11.5	42500	3.6	26600	8
	ED*4X42F**	OMV112K14A	TDR&TXV	40500	13.7			11.5	42000	3.6	26400	8
	ED*4X42F**		TXV	41000		13.5		11.2	43000	3.6	27200	8
	ED*4X42J**	*8MV*1102120**	TDR&TXV	40500	14.5			12	42000	3.66	26000	8.2
	ED*4X42J**	*8MV*1352422**	TDR&TXV	41000	14.5			12.2	41500	3.68	25800	8.2
	ED*4X42J**	*8MX*0902116**	TDR&TXV	41000	14.5			12	42000	3.68	26000	8.2
	ED*4X42J**	*8MX*1102120**	TDR&TXV	41000	14.5			12.2	42000	3.7	26000	8.2
	ED*4X42J**	*8MX*1352420**	TDR&TXV	41000	14.5			12	42000	3.68	26000	8.2
	ED*4X42J**	*9MA*0602120A**	TDR&TXV	40000	14			11.7	41500	3.56	26000	8
	ED*4X42J**	*9MA*0802120A**	TDR&TXV	40500	14.5			12	41500	3.6	25800	8.2
	ED*4X42J**	*9MA*1002122A**	TDR&TXV	41000	14.5			12.2	42000	3.66	26000	8.2
	ED*4X42J**	*9MA*1202422A**	TDR&TXV	40500	14.5			12	41500	3.62	25800	8.2
	ED*4X42J**	*9MV*0802120A**	TDR&TXV	40500	14.5			12	42000	3.64	26000	8.2
	ED*4X42J**	*9MV*1002120A**	TDR&TXV	40500	14.5			12.2	41500	3.66	26000	8.2
	ED*4X42J**	*9MV*1202422A**	TDR&TXV	40500	14.5			12	42000	3.66	26000	8.2
	ED*4X42J**	*9MX*0802120A**	TDR&TXV	41000	14.5			12	42000	3.68	26200	8.2
	ED*4X42J**	*9MX*1002120A**	TDR&TXV	41000	14.5			12.2	42000	3.66	26000	8.2
	ED*4X42J**	*9MX*1202422A**	TDR&TXV	41000	15			12.5	41500	3.72	25800	8.5
	ED*4X42J**	MV12F19**B*	TDR&TXV	41000	15			12.5	41500	3.74	25800	8.5
	ED*4X42J**	MV16J22**B*	TDR&TXV	41000	15			12.5	41500	3.74	25800	8.5

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
					SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV					
TSH542GKA	ED*4X42J**	MV20L24**B*	TDR&TXV	41000	15			12.5	41500	3.74	25800	2.58
	ED*4X42J**	*8MPV075	TDR&TXV	41000	14			11.7	42500	3.64	26600	2.5
	ED*4X42J**	*8MPV100	TDR&TXV	41000	14.5			12	42500	3.72	26400	2.56
	ED*4X42J**	*8MPV125	TDR&TXV	41000	14.5			12.2	42000	3.72	26200	2.56
	ED*4X42J**	*9MA*1002120A**	TDR&TXV	40500	14.2			11.7	41500	3.6	26000	2.48
	ED*4X42J**	*9MPV075	TDR&TXV	40500	13.5			11.2	42500	3.56	26800	2.44
	ED*4X42J**	*9MPV100	TDR&TXV	41000	14.2			11.7	42500	3.68	26400	2.52
	ED*4X42J**	*9MPV125	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.54
	ED*4X42J**	*9MV*1002116A**	TDR&TXV	40500	14			11.7	42000	3.64	26400	2.5
	ED*4X42J**	*9MVX060	TDR&TXV	40500	13.5			11.5	42500	3.58	26800	2.46
	ED*4X42J**	*9MVX080	TDR&TXV	41000	14.2			11.7	42500	3.68	26600	2.54
	ED*4X42J**	*9MVX100	TDR&TXV	41000	14.5			12	42000	3.66	26200	2.52
	ED*4X42J**	*9MX*1002116A**	TDR&TXV	40500	14			11.7	42000	3.6	26200	2.5
	ED*4X42J**	OLV112A16A	TDR&TXV	41000	13.7			11.5	42500	3.62	26600	2.48
	ED*4X42J**		TXV	41000		13.5		11.2	43000	3.6	27200	2.46
	ED*4X42L**	*8MV*1102120**	TDR&TXV	41000	14.5			12	42000	3.66	26000	2.54
	ED*4X42L**	*8MV*1352422**	TDR&TXV	41000	14.5			12.2	41500	3.68	25800	2.54
	ED*4X42L**	*8MX*0902116**	TDR&TXV	41000	14.5			12.2	42000	3.68	26000	2.54
	ED*4X42L**	*8MX*1102120**	TDR&TXV	41000	14.5			12.2	42000	3.72	26000	2.56
	ED*4X42L**	*8MX*1352420**	TDR&TXV	41000	14.5			12.2	42000	3.7	26000	2.54
	ED*4X42L**	*9MA*0602120A**	TDR&TXV	40000	14			11.7	41500	3.56	26000	2.48
	ED*4X42L**	*9MA*0802120A**	TDR&TXV	40500	14.5			12	41500	3.62	25800	2.5
	ED*4X42L**	*9MA*1002122A**	TDR&TXV	41000	14.5			12.2	42000	3.68	26000	2.54
	ED*4X42L**	*9MA*1202422A**	TDR&TXV	40500	14.5			12	41500	3.62	25800	2.52
	ED*4X42L**	*9MV*0802120A**	TDR&TXV	41000	14.5			12	42000	3.66	26000	2.52
	ED*4X42L**	*9MV*1002120A**	TDR&TXV	41000	14.5			12.2	42000	3.66	26000	2.54
	ED*4X42L**	*9MV*1202422A**	TDR&TXV	41000	14.5			12	42000	3.66	26000	2.52
	ED*4X42L**	*9MX*0802120A**	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.54
	ED*4X42L**	*9MX*1002120A**	TDR&TXV	41000	14.5			12.2	42000	3.68	26000	2.54
	ED*4X42L**	*9MX*1202422A**	TDR&TXV	41000	14.5			12	42000	3.7	26400	2.56
	ED*4X42L**	MV16J22**B*	TDR&TXV	41000	15			12.5	41500	3.74	25800	2.58
	ED*4X42L**	MV20L24**B*	TDR&TXV	41000	15			12.5	41500	3.74	25800	2.58
	ED*4X42L**	*8MPV100	TDR&TXV	41500	14.5			12	42500	3.72	26400	2.56
	ED*4X42L**	*8MPV125	TDR&TXV	41500	14.5			12.2	42000	3.74	26200	2.56
	ED*4X42L**	*9MA*1002120A**	TDR&TXV	40500	14.2			12	41500	3.6	26000	2.5
	ED*4X42L**	*9MPV100	TDR&TXV	41000	14.5			12	42500	3.68	26600	2.54

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					Standard	SEER		EER	Heat 17°F (-8.3°C)				
						W/ field TDR	W/ field TXV		BTU/hr	COP	BTU/hr	COP	
TSH542GKA	ED*4X42L**	*9MPV125	TDR&TXV	41000	14.5			12	42000	3.7	26200	2.54	8.2
	ED*4X42L**	*9MV*1002116A**	TDR&TXV	41000	14			11.7	42000	3.64	26400	2.5	8.2
	ED*4X42L**	*9MVX080	TDR&TXV	41000	14.2			11.7	42500	3.7	26600	2.54	8.2
	ED*4X42L**	*9MVX100	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.54	8.2
	ED*4X42L**	*9MX*1002116A**	TDR&TXV	40500	14			11.7	42000	3.62	26200	2.5	8.2
	ED*4X42L**	OLV112A16A	TDR&TXV	41000	13.7			11.5	42500	3.62	26600	2.5	8.2
	ED*4X42L**	OLV154F20A	TDR&TXV	41500	14.5			12	42500	3.76	26800	2.58	8.5
	ED*4X42L**		TXV	41000		13.5		11.2	43000	3.6	27200	2.46	8
	ED*4X48F**	*8MV*0901716**	TDR&TXV	41500	15			12.5	42000	3.8	26400	2.58	8.5
	ED*4X48F**	*8MV*1102120**	TDR&TXV	41500	15			12.5	42000	3.8	26400	2.58	8.5
	ED*4X48F**	*8MX*0701716**	TDR&TXV	41500	14			11.7	42000	3.74	27000	2.52	8.2
	ED*4X48F**	*8MX*0902116**	TDR&TXV	42000	15			12.5	42000	3.82	26400	2.6	8.5
	ED*4X48F**	*8MX*1102120**	TDR&TXV	42000	15			12.5	42000	3.84	26200	2.6	8.5
	ED*4X48F**	*9MA*0601714A**	TDR&TXV	41000	14			11.7	42000	3.68	26600	2.5	8.2
	ED*4X48F**	*9MA*0602120A**	TDR&TXV	41000	14.5			12	42500	3.72	26400	2.54	8.2
	ED*4X48F**	*9MA*0801714A**	TDR&TXV	41000	14.5			12	42000	3.7	26400	2.54	8.2
	ED*4X48F**	*9MA*0802120A**	TDR&TXV	41500	14.5			12.2	42000	3.76	26200	2.56	8.5
	ED*4X48F**	*9MA*1002122A**	TDR&TXV	42000	15			12.5	42500	3.82	26400	2.6	8.5
	ED*4X48F**	*9MV*0601714A**	TDR&TXV	41500	14			11.7	42000	3.7	26800	2.52	8.5
	ED*4X48F**	*9MV*0801716A**	TDR&TXV	41500	14.5			12	42000	3.74	26600	2.54	8.5
	ED*4X48F**	*9MV*0802120A**	TDR&TXV	41500	14.5			12.2	42500	3.8	26400	2.58	8.5
	ED*4X48F**	*9MV*1002120A**	TDR&TXV	41500	15			12.5	42500	3.8	26200	2.58	8.5
	ED*4X48F**	*9MX*0601714A**	TDR&TXV	41500	14.2			11.7	42000	3.72	26800	2.54	8.5
	ED*4X48F**	*9MX*0801716A**	TDR&TXV	41500	14.5			12	42000	3.76	26800	2.56	8.5
	ED*4X48F**	*9MX*0802120A**	TDR&TXV	42000	14.5			12.2	42500	3.82	26600	2.6	8.5
ED*4X48F**	*9MX*1002120A**	TDR&TXV	41500	15			12.5	42500	3.8	26200	2.58	8.5	
ED*4X48F**	MV12F19**B*	TDR&TXV	42000	15.2			12.5	42000	3.88	26200	2.64	8.5	
ED*4X48F**	*8MPV075	TDR&TXV	42000	14.5			12	42000	3.78	26800	2.56	8.5	
ED*4X48F**	*9MA*1002120A**	TDR&TXV	41500	14.5			12	42000	3.74	26400	2.56	8.5	
ED*4X48F**	*9MPV075	TDR&TXV	41500	13.7			11.5	42000	3.7	27000	2.5	8.2	
ED*4X48F**	*9MV*1002116A**	TDR&TXV	41500	14.5			12	42000	3.78	26600	2.56	8.5	
ED*4X48F**	*9MVX060	TDR&TXV	41500	14			11.7	42000	3.74	27000	2.52	8.2	
ED*4X48F**	*9MX*1002116A**	TDR&TXV	41500	14.5			12	42000	3.76	26400	2.56	8.5	
ED*4X48F**	OLV112A16A	TDR&TXV	42000	14.2			11.7	42000	3.76	27000	2.54	8.5	
ED*4X48F**	OMV112K14A	TDR&TXV	41500	14.5			12	42000	3.76	26600	2.54	8.5	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
					SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV					
TSH542GKA	ED*4X48J**		TXV	42000		14		11.7	42000	3.78	27600	2.54
	ED*4X48J**	*9MA*0602120A**	TDR&TXV	41000	14.2			12	42000	3.66	26200	2.52
	ED*4X48J**	*9MA*0802120A**	TDR&TXV	41000	14.5			12.2	42000	3.72	26000	2.54
	ED*4X48J**	*9MA*1002122A**	TDR&TXV	41500	14.5			12.2	42000	3.78	26200	2.58
	ED*4X48J**	*9MA*1202422A**	TDR&TXV	41000	14.5			12.2	42000	3.72	26000	2.56
	ED*4X48J**	*9MV*0802120A**	TDR&TXV	41500	14.5			12.2	42000	3.76	26200	2.56
	ED*4X48J**	*9MV*1002120A**	TDR&TXV	41500	14.5			12.2	42000	3.76	26200	2.58
	ED*4X48J**	*9MV*1202422A**	TDR&TXV	41500	14.5			12.2	42000	3.76	26200	2.56
	ED*4X48J**	*9MX*0802120A**	TDR&TXV	41500	14.5			12.2	42500	3.78	26400	2.58
	ED*4X48J**	*9MX*1002120A**	TDR&TXV	41500	14.5			12.2	42000	3.76	26200	2.58
	ED*4X48J**	*9MX*1202422A**	TDR&TXV	41500	14.5			12.2	42000	3.8	26600	2.58
	ED*4X48J**	MV12F19**B*	TDR&TXV	41500	15			12.5	41500	3.84	26200	2.62
	ED*4X48J**	MV16J22**B*	TDR&TXV	42000	15.2			12.5	41500	3.86	26000	2.64
	ED*4X48J**	*8MPV075	TDR&TXV	41500	14.2			11.7	42000	3.74	26800	2.54
	ED*4X48J**	*8MPV100	TDR&TXV	42000	15			12.5	42000	3.82	26600	2.6
	ED*4X48J**	*8MPV125	TDR&TXV	42000	15			12.5	42000	3.84	26400	2.6
	ED*4X48J**	*9MA*1002120A**	TDR&TXV	41000	14.5			12	42000	3.7	26200	2.54
	ED*4X48J**	*9MPV075	TDR&TXV	41000	13.7			11.5	42000	3.66	27000	2.48
	ED*4X48J**	*9MPV100	TDR&TXV	41500	14.5			12	42000	3.78	26600	2.56
	ED*4X48J**	*9MPV125	TDR&TXV	41500	14.5			12.2	42000	3.8	26400	2.58
	ED*4X48J**	*9MV*1002116A**	TDR&TXV	41500	14.5			12	42000	3.74	26600	2.54
	ED*4X48J**	*9MVX080	TDR&TXV	42000	14.5			12	43000	3.8	26800	2.58
	ED*4X48J**	*9MX*1002116A**	TDR&TXV	41000	14.5			12	42500	3.7	26400	2.54
	ED*4X48J**	OLV112A16A	TDR&TXV	41500	14			11.7	42000	3.72	26800	2.52
	ED*4X48J**		TXV	41500		13.7		11.7	42000	3.72	27400	2.52
	ED*4X48L**	*8MV*1102120**	TDR&TXV	41500	15			12.5	41500	3.78	26200	2.58
	ED*4X48L**	*8MV*1352422**	TDR&TXV	41500	15			12.5	41500	3.8	26000	2.6
	ED*4X48L**	*8MX*0902116**	TDR&TXV	41500	15			12.5	42000	3.8	26200	2.6
	ED*4X48L**	*8MX*1102120**	TDR&TXV	41500	15			12.5	42000	3.82	26200	2.62
	ED*4X48L**	*8MX*1352420**	TDR&TXV	41500	15			12.5	42000	3.82	26200	2.6
	ED*4X48L**	*9MA*0602120A**	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.52
	ED*4X48L**	*9MA*0802120A**	TDR&TXV	41000	14.5			12.2	42000	3.72	26000	2.56
	ED*4X48L**	*9MA*1002122A**	TDR&TXV	41500	14.5			12.2	42000	3.78	26200	2.58
	ED*4X48L**	*9MA*1202422A**	TDR&TXV	41000	14.5			12.2	41500	3.72	26000	2.56
	ED*4X48L**	*9MV*0802120A**	TDR&TXV	41500	14.5			12.2	42500	3.76	26200	2.58

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models														
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.														
Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF	
					Standard	SEER		EER	Heat 17°F (-8.3°C)					
						TDR	W/ field		TXV	BTU/hr	COP	BTU/hr		COP
TSH542GKA	ED*4X48L**	*9MV*1002120A**	TDR&TXV	41500	15				12.5	42000	3.78	26200	2.58	8.5
	ED*4X48L**	*9MV*1202422A**	TDR&TXV	41500	15				12.5	42000	3.78	26200	2.58	8.5
	ED*4X48L**	*9MX*0802120A**	TDR&TXV	41500	14.5				12.2	42500	3.8	26400	2.58	8.5
	ED*4X48L**	*9MX*1002120A**	TDR&TXV	41500	15				12.5	42000	3.78	26200	2.58	8.5
	ED*4X48L**	*9MX*1202422A**	TDR&TXV	42000	15				12.5	42000	3.82	26600	2.6	8.5
	ED*4X48L**	MV16J22**B*	TDR&TXV	42000	15.2				12.7	41500	3.86	26000	2.64	8.5
	ED*4X48L**	MV20L24**B*	TDR&TXV	42000	15.2				12.7	41500	3.86	26000	2.64	8.5
	ED*4X48L**	*8MPV100	TDR&TXV	42000	15				12.5	42000	3.84	26600	2.62	8.5
	ED*4X48L**	*8MPV125	TDR&TXV	42000	15				12.5	42000	3.86	26400	2.62	8.5
	ED*4X48L**	*9MA*1002120A**	TDR&TXV	41000	14.5				12	41500	3.7	26200	2.54	8.2
	ED*4X48L**	*9MPV100	TDR&TXV	42000	14.5				12.2	42000	3.8	26800	2.58	8.5
	ED*4X48L**	*9MPV125	TDR&TXV	42000	15				12.5	42000	3.82	26600	2.6	8.5
	ED*4X48L**	*9MV*1002116A**	TDR&TXV	41500	14.5				12	42000	3.76	26600	2.56	8.5
	ED*4X48L**	*9MVX080	TDR&TXV	42000	14.5				12	42000	3.82	26800	2.58	8.5
	ED*4X48L**	*9MVX100	TDR&TXV	41500	14.5				12.2	42000	3.8	26400	2.58	8.5
	ED*4X48L**	*9MX*1002116A**	TDR&TXV	41000	14.5				12	42000	3.72	26400	2.54	8.5
	ED*4X48L**	OLV112A16A	TDR&TXV	41500	14.2				11.7	42000	3.74	26800	2.54	8.5
	ED*4X48L**	OLV154F20A	TDR&TXV	42500	15				12.5	42000	3.88	27000	2.62	8.5
	ED*4X48L**		TXV	41500			13.7		11.7	42000	3.72	27400	2.52	8.2
	EHD4X42A**	*8MV*0701412**	TDR&TXV	41500	14.5				12	42500	3.7	26400	2.52	8.2
	EHD4X42A**	*8MV*0901716**	TDR&TXV	41500	15				12.5	42000	3.76	26200	2.58	8.5
	EHD4X42A**	*8MV*1102120**	TDR&TXV	41500	15				12.5	42500	3.78	26200	2.58	8.5
	EHD4X42A**	*8MV*1352422**	TDR&TXV	42000	15				12.5	42000	3.8	26200	2.6	8.5
	EHD4X42A**	*8MX*0701716**	TDR&TXV	41500	14				11.7	43000	3.7	27000	2.52	8.2
	EHD4X42A**	*8MX*0902116**	TDR&TXV	42000	15				12.5	42500	3.8	26200	2.58	8.5
	EHD4X42A**	*8MX*1102120**	TDR&TXV	42000	15				12.5	42000	3.82	26200	2.6	8.5
	EHD4X42A**	*8MX*1352420**	TDR&TXV	42000	15				12.5	42500	3.8	26200	2.6	8.5
	EHD4X42A**	*9MA*0601714A**	TDR&TXV	41000	14				11.7	42500	3.64	26400	2.5	8.2
	EHD4X42A**	*9MA*0602120A**	TDR&TXV	41000	14.5				12	42000	3.68	26200	2.52	8.2
	EHD4X42A**	*9MA*0801714A**	TDR&TXV	41000	14.5				12	42000	3.68	26400	2.52	8.2
	EHD4X42A**	*9MA*0802120A**	TDR&TXV	41500	14.5				12.2	42000	3.72	26000	2.56	8.2
	EHD4X42A**	*9MA*1002122A**	TDR&TXV	41500	15				12.5	42500	3.78	26200	2.58	8.5
	EHD4X42A**	*9MA*1202422A**	TDR&TXV	41500	15				12.5	42000	3.74	26000	2.56	8.5
	EHD4X42A**	*9MV*0601714A**	TDR&TXV	41500	14				11.7	42500	3.68	26800	2.5	8.2
	EHD4X42A**	*9MV*0801716A**	TDR&TXV	41500	14.5				12	42500	3.7	26600	2.54	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
					SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV					
TSH542GKA	EHD4X42A**	*9MV*0802120A**	TDR&TXV	41500	15			12.5	42000	3.76	26200	2.58
	EHD4X42A**	*9MV*1002120A**	TDR&TXV	41500	15			12.5	42000	3.76	26200	2.58
	EHD4X42A**	*9MV*1202422A**	TDR&TXV	41500	15			12.5	42000	3.76	26200	2.58
	EHD4X42A**	*9MX*0601714A**	TDR&TXV	41500	14.2			11.7	42500	3.7	26800	2.52
	EHD4X42A**	*9MX*0801716A**	TDR&TXV	41500	14.5			12	42500	3.74	26800	2.54
	EHD4X42A**	*9MX*0802120A**	TDR&TXV	42000	15			12.5	42500	3.8	26400	2.58
	EHD4X42A**	*9MX*1002120A**	TDR&TXV	41500	15			12.5	42000	3.76	26200	2.58
	EHD4X42A**	*9MX*1202422A**	TDR&TXV	42000	15			12.5	42500	3.8	26600	2.6
	EHD4X42A**	MV12F19**B*	TDR&TXV	42000	15.2			12.5	42000	3.84	26200	2.62
	EHD4X42A**	MV16J22**B*	TDR&TXV	42000	15.2			12.7	42000	3.86	26200	2.64
	EHD4X42A**	MV20L24**B*	TDR&TXV	42000	15.2			12.7	42000	3.86	26200	2.64
	EHD4X42A**	*8MPV075	TDR&TXV	42000	14.5			12	43000	3.74	26800	2.54
	EHD4X42A**	*8MPV100	TDR&TXV	42000	15			12.5	42500	3.84	26600	2.6
	EHD4X42A**	*8MPV125	TDR&TXV	42000	15			12.5	42500	3.84	26400	2.6
	EHD4X42A**	*9MA*1002120A**	TDR&TXV	41500	14.5			12.2	42000	3.72	26200	2.54
	EHD4X42A**	*9MPV075	TDR&TXV	41500	13.7			11.5	43000	3.66	27000	2.5
	EHD4X42A**	*9MPV100	TDR&TXV	42000	14.5			12.2	43000	3.78	26600	2.58
	EHD4X42A**	*9MPV125	TDR&TXV	42000	15			12.5	42500	3.8	26600	2.58
	EHD4X42A**	*9MV*1002116A**	TDR&TXV	41500	14.5			12	42500	3.74	26600	2.56
	EHD4X42A**	*9MVX080	TDR&TXV	42000	14.5			12.2	43000	3.8	26800	2.58
	EHD4X42A**	*9MVX100	TDR&TXV	42000	15			12.5	42500	3.78	26400	2.58
	EHD4X42A**	*9MX*1002116A**	TDR&TXV	41500	14.5			12	42500	3.72	26400	2.54
	EHD4X42A**	OLV112A16A	TDR&TXV	42000	14.2			11.7	43000	3.74	27000	2.54
	EHD4X42A**	OLV154F20A	TDR&TXV	42500	15			12.5	43500	3.88	27000	2.62
	EHD4X42A**	OMV112K14A	TDR&TXV	41500	14.5			12	42500	3.72	26600	2.54
	EHD4X42A**		TXV	42000		14		11.7	43500	3.72	27400	2.52
	EHD4X48A**	*8MV*0701412**	TDR&TXV	41500	14.5			12	42500	3.72	26600	2.54
	EHD4X48A**	*8MV*0901716**	TDR&TXV	42000	15			12.5	42500	3.78	26200	2.58
	EHD4X48A**	*8MV*1102120**	TDR&TXV	42000	15			12.5	42500	3.8	26400	2.6
	EHD4X48A**	*8MV*1352422**	TDR&TXV	42000	15			12.5	42000	3.84	26200	2.62
	EHD4X48A**	*8MX*0701716**	TDR&TXV	42000	14			11.7	43000	3.72	27000	2.52
	EHD4X48A**	*8MX*0902116**	TDR&TXV	42000	15			12.5	42500	3.82	26400	2.6
	EHD4X48A**	*8MX*1102120**	TDR&TXV	42000	15			12.5	42500	3.84	26200	2.62
	EHD4X48A**	*8MX*1352420**	TDR&TXV	42000	15			12.5	42500	3.82	26400	2.6
	EHD4X48A**	*9MA*0601714A**	TDR&TXV	41000	14.2			11.7	42500	3.66	26400	2.5
	EHD4X48A**	*9MA*0602120A**	TDR&TXV	41500	14.5			12.2	42000	3.7	26200	2.54

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models												
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.												
Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			
					SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field	W/ field					
						TDR	TXV					HSPF
TSH542GKA	EHD4X48A**	*9MA*0801714A**	TDR&TXV	41500	14.5			12	42500	3.7	26400	2.54
	EHD4X48A**	*9MA*0802120A**	TDR&TXV	41500	15			12.5	42000	3.76	26200	2.56
	EHD4X48A**	*9MA*1002122A**	TDR&TXV	42000	15			12.5	42500	3.82	26400	2.6
	EHD4X48A**	*9MA*1202422A**	TDR&TXV	41500	15			12.5	42000	3.76	26200	2.58
	EHD4X48A**	*9MV*0601714A**	TDR&TXV	41500	14			11.7	43000	3.7	26800	2.52
	EHD4X48A**	*9MV*0801716A**	TDR&TXV	41500	14.5			12	42500	3.72	26600	2.54
	EHD4X48A**	*9MV*0802120A**	TDR&TXV	42000	15			12.5	42500	3.8	26400	2.58
	EHD4X48A**	*9MV*1002120A**	TDR&TXV	41500	15			12.5	42000	3.78	26200	2.58
	EHD4X48A**	*9MV*1202422A**	TDR&TXV	42000	15			12.5	42500	3.78	26400	2.58
	EHD4X48A**	*9MX*0601714A**	TDR&TXV	41500	14.5			12	43000	3.72	26800	2.54
	EHD4X48A**	*9MX*0801716A**	TDR&TXV	42000	14.5			12	43000	3.76	26800	2.56
	EHD4X48A**	*9MX*0802120A**	TDR&TXV	42000	15			12.5	42500	3.82	26600	2.6
	EHD4X48A**	*9MX*1002120A**	TDR&TXV	42000	15			12.5	42500	3.8	26200	2.6
	EHD4X48A**	*9MX*1202422A**	TDR&TXV	42000	15			12.5	42500	3.84	26600	2.6
	EHD4X48A**	MV12F19**B*	TDR&TXV	42000	15.2			12.7	42500	3.88	26200	2.64
	EHD4X48A**	MV16J22**B*	TDR&TXV	42500	15.5			12.7	42500	3.9	26200	2.66
	EHD4X48A**	MV20L24**B*	TDR&TXV	42500	15.5			12.7	42500	3.9	26200	2.66
	EHD4X48A**	*8MPV075	TDR&TXV	42000	14.5			12	43000	3.78	26800	2.56
	EHD4X48A**	*8MPV100	TDR&TXV	42500	15			12.5	43000	3.86	26600	2.62
	EHD4X48A**	*8MPV125	TDR&TXV	42500	15			12.5	42500	3.86	26600	2.62
	EHD4X48A**	*9MA*1002120A**	TDR&TXV	41500	14.5			12.2	42500	3.74	26200	2.56
	EHD4X48A**	*9MPV075	TDR&TXV	41500	14			11.7	43000	3.7	27000	2.5
	EHD4X48A**	*9MPV100	TDR&TXV	42000	14.5			12.2	43000	3.82	26800	2.58
	EHD4X48A**	*9MPV125	TDR&TXV	42000	15			12.5	42500	3.82	26600	2.6
	EHD4X48A**	*9MV*1002116A**	TDR&TXV	42000	14.5			12.2	42500	3.78	26600	2.56
	EHD4X48A**	*9MVX080	TDR&TXV	42500	14.5			12.2	43000	3.84	26800	2.58
	EHD4X48A**	*9MVX100	TDR&TXV	42000	15			12.5	42500	3.82	26400	2.6
	EHD4X48A**	*9MX*1002116A**	TDR&TXV	41500	14.5			12.2	42500	3.74	26400	2.56
	EHD4X48A**	OLV112A16A	TDR&TXV	42000	14.5			12	43000	3.76	27000	2.54
	EHD4X48A**	OLV154F20A	TDR&TXV	43000	15			12.5	43500	3.9	27200	2.62
	EHD4X48A**	OMV112K14A	TDR&TXV	41500	14.5			12	42500	3.74	26600	2.56
	EHD4X48A**		TXV	42500		14		11.7	43500	3.76	27600	2.54
	EN(A,D)4X43*24**	*8MV*1102120**	TDR&TXV	42000	15.2			12.5	42000	3.88	26200	2.64
	EN(A,D)4X43*24**	*8MV*1352422**	TDR&TXV	42000	15.2			12.7	42000	3.92	26200	2.66
	EN(A,D)4X43*24**	*8MX*1102120**	TDR&TXV	42500	15.5			12.7	42000	3.94	26400	2.66

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
					SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV					
TSH542GKA	EN(A,D)4X43*24**	*8MX*1352420**	TDR&TXV	42500	15.2			12.7	42000	3.94	26400	2.66
	EN(A,D)4X43*24**	*9MA*1202422A**	TDR&TXV	42000	15			12.5	41500	3.84	26200	2.62
	EN(A,D)4X43*24**	*9MV*1202422A**	TDR&TXV	42000	15.2			12.5	41500	3.86	26200	2.62
	EN(A,D)4X43*24**	*9MX*1202422A**	TDR&TXV	42500	15.2			12.5	42000	3.94	26800	2.66
	EN(A,D)4X43*24**	MV16J22**B*	TDR&TXV	42500	15.5			13	41500	3.98	26200	2.68
	EN(A,D)4X43*24**	MV20L24**B*	TDR&TXV	42500	15.5			13	41500	3.98	26200	2.7
	EN(A,D)4X43*24**	*8MPV100	TDR&TXV	43000	15.2			12.5	42000	3.96	26800	2.66
	EN(A,D)4X43*24**	*8MPV125	TDR&TXV	43000	15.2			12.7	42000	3.96	26600	2.66
	EN(A,D)4X43*24**	*9MA*1002120A**	TDR&TXV	42000	15			12.5	41500	3.82	26200	2.6
	EN(A,D)4X43*24**	*9MPV100	TDR&TXV	42500	15			12.5	42000	3.92	26800	2.64
	EN(A,D)4X43*24**	*9MPV125	TDR&TXV	42500	15			12.5	42000	3.92	26600	2.64
	EN(A,D)4X43*24**	*9MV*1002116A**	TDR&TXV	41500	15			12.5	41500	3.8	26200	2.58
	EN(A,D)4X43*24**	*9MVX080	TDR&TXV	43000	15			12.5	42000	3.92	27000	2.64
	EN(A,D)4X43*24**	*9MVX100	TDR&TXV	42500	15			12.5	42000	3.9	26600	2.64
	EN(A,D)4X43*24**	*9MX*1002116A**	TDR&TXV	42000	15			12.5	41500	3.84	26600	2.6
	EN(A,D)4X43*24**	OLV112A16A	TDR&TXV	42500	14.5			12.2	42000	3.84	27000	2.58
	EN(A,D)4X43*24**	OLV154F20A	TDR&TXV	43500	15.2			12.5	42000	4	27200	2.68
	EN(A,D)4X43*24**		TXV	42500		14		12	41500	3.8	27600	2.56
	EN(A,D)4X48*24**	*8MV*1352422**	TDR&TXV	41500	15			12.5	42000	3.8	26000	2.6
	EN(A,D)4X48*24**	*8MX*1352420**	TDR&TXV	42000	15			12.5	42500	3.82	26400	2.6
	EN(A,D)4X48*24**	*9MA*0602120A**	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.54
	EN(A,D)4X48*24**	*9MA*0802120A**	TDR&TXV	41000	14.5			12.2	42000	3.74	26000	2.56
	EN(A,D)4X48*24**	*9MA*1002122A**	TDR&TXV	41500	15			12.5	42000	3.8	26200	2.6
	EN(A,D)4X48*24**	*9MA*1202422A**	TDR&TXV	41000	15			12.5	42000	3.74	26000	2.56
	EN(A,D)4X48*24**	*9MV*0802120A**	TDR&TXV	41500	15			12.5	42500	3.78	26200	2.58
	EN(A,D)4X48*24**	*9MV*1002120A**	TDR&TXV	41500	15			12.5	42000	3.78	26200	2.6
	EN(A,D)4X48*24**	*9MV*1202422A**	TDR&TXV	41500	15			12.5	42500	3.78	26200	2.58
	EN(A,D)4X48*24**	*9MX*0802120A**	TDR&TXV	42000	15			12.5	42500	3.8	26400	2.6
	EN(A,D)4X48*24**	*9MX*1002120A**	TDR&TXV	41500	15			12.5	42000	3.8	26200	2.6
	EN(A,D)4X48*24**	*9MX*1202422A**	TDR&TXV	42000	15			12.5	42500	3.84	26600	2.6
	EN(A,D)4X48*24**	MV16J22**B*	TDR&TXV	42000	15.2			12.7	42000	3.86	26000	2.64
	EN(A,D)4X48*24**	MV20L24**B*	TDR&TXV	42000	15.2			12.7	42000	3.88	26000	2.64
	EN(A,D)4X48*24**	*8MPV100	TDR&TXV	42000	15			12.5	42500	3.86	26600	2.62
	EN(A,D)4X48*24**	*8MPV125	TDR&TXV	42000	15			12.5	42500	3.86	26400	2.62
	EN(A,D)4X48*24**	*9MA*1002120A**	TDR&TXV	41000	14.5			12.2	42000	3.72	26200	2.54

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models												
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Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			
					SEER			EER	BTU/hr	COP	Heat 17°F (-8.3°C)	
					Standard	W/ field TDR	W/ field TXV				BTU/hr	HSPF
TSH542GKA	EN(A,D)4X48*24**	*9MPV100	TDR&TXV	42000	14.5			12.2	43000	3.8	26800	8.5
	EN(A,D)4X48*24**	*9MPV125	TDR&TXV	42000	15			12.5	42500	3.82	26600	8.5
	EN(A,D)4X48*24**	*9MV*1002116A**	TDR&TXV	41500	14.5			12	42500	3.76	26600	8.5
	EN(A,D)4X48*24**	*9MVX080	TDR&TXV	42000	14.5			12.2	43000	3.82	26800	8.5
	EN(A,D)4X48*24**	*9MVX100	TDR&TXV	42000	15			12.5	42500	3.8	26400	8.5
	EN(A,D)4X48*24**	*9MX*1002116A**	TDR&TXV	41500	14.5			12	42500	3.72	26400	8.5
	EN(A,D)4X48*24**	OLV112A16A	TDR&TXV	41500	14.5			12	43000	3.74	26800	8.5
	EN(A,D)4X48*24**	OLV154F20A	TDR&TXV	42500	15			12.5	43000	3.88	27000	8.5
	EN(A,D)4X48*24**		TXV	42000		13.7		11.5	43500	3.72	27400	8.2
	EN(A,D)W4X42*21**	*8MV*1102120**	TDR&TXV	41000	14.5			12	42000	3.64	26200	8.2
	EN(A,D)W4X42*21**	*8MX*0902116**	TDR&TXV	41000	14.5			12	42000	3.66	26000	8.2
	EN(A,D)W4X42*21**	*8MX*1102120**	TDR&TXV	41000	14.5			12.2	42000	3.68	26000	8.2
	EN(A,D)W4X42*21**	*9MA*0601714A**	TDR&TXV	40000	13.5			11.5	42000	3.52	26200	8
	EN(A,D)W4X42*21**	*9MA*0602120A**	TDR&TXV	40500	14			11.7	42000	3.56	26000	8
	EN(A,D)W4X42*21**	*9MA*0801714A**	TDR&TXV	40500	13.7			11.5	42000	3.56	26200	8
	EN(A,D)W4X42*21**	*9MA*0802120A**	TDR&TXV	40500	14			12	41500	3.6	25800	8.2
	EN(A,D)W4X42*21**	*9MA*1002122A**	TDR&TXV	41000	14.5			12	42000	3.66	26000	8.2
	EN(A,D)W4X42*21**	*9MV*0601714A**	TDR&TXV	40500	13.5			11.5	42500	3.56	26600	8
	EN(A,D)W4X42*21**	*9MV*0801716A**	TDR&TXV	40500	13.7			11.5	42000	3.58	26200	8
	EN(A,D)W4X42*21**	*9MV*0802120A**	TDR&TXV	40500	14.5			12	42000	3.64	26000	8.2
	EN(A,D)W4X42*21**	*9MV*1002120A**	TDR&TXV	40500	14.5			12	41500	3.62	26000	8.2
	EN(A,D)W4X42*21**	*9MX*0601714A**	TDR&TXV	40500	13.7			11.5	42500	3.58	26400	8
	EN(A,D)W4X42*21**	*9MX*0801716A**	TDR&TXV	40500	13.7			11.5	42500	3.6	26400	8.2
	EN(A,D)W4X42*21**	*9MX*0802120A**	TDR&TXV	41000	14.5			12	42000	3.66	26200	8.2
	EN(A,D)W4X42*21**	*9MX*1002120A**	TDR&TXV	40500	14.5			12	42000	3.64	26000	8.2
	EN(A,D)W4X42*21**	MV12F19**B*	TDR&TXV	41000	15			12.5	42000	3.72	26000	8.5
	EN(A,D)W4X42*21**	MV16J22**B*	TDR&TXV	41000	15			12.5	42000	3.74	26000	8.5
	EN(A,D)W4X42*21**	*8MPV075	TDR&TXV	41000	14			11.5	42500	3.62	26600	8.2
	EN(A,D)W4X42*21**	*8MPV100	TDR&TXV	41000	14.5			12	42000	3.7	26400	8.2
	EN(A,D)W4X42*21**	*8MPV125	TDR&TXV	41000	14.5			12	42000	3.7	26200	8.2
	EN(A,D)W4X42*21**	*9MA*1002120A**	TDR&TXV	40500	14			11.7	42000	3.58	26000	8
	EN(A,D)W4X42*21**	*9MPV100	TDR&TXV	41000	14			11.7	42500	3.66	26400	8.2
	EN(A,D)W4X42*21**	*9MV*1002116A**	TDR&TXV	40500	14			11.7	42000	3.62	26400	8.2
	EN(A,D)W4X42*21**	*9MVX060	TDR&TXV	40500	13.5			11.2	42500	3.58	26800	8
	EN(A,D)W4X42*21**	*9MVX080	TDR&TXV	41000	14			11.7	42500	3.66	26600	8.2
	EN(A,D)W4X42*21**	*9MX*1002116A**	TDR&TXV	40500	14			11.7	42000	3.58	26200	8

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					Standard	SEER		EER	BTU/hr	COP	BTU/hr	COP	
						W/ field TDR	W/ field TXV						
TSH542GKA	EN(A,D,W)4X42*21**	OLV112A16A	TDR&TXV	41000	13.7			11.5	42500	3.6	26800	2.48	8.2
	EN(A,D,W)4X42*21**	OMV112K14A	TDR&TXV	40500	13.7			11.5	42000	3.6	26400	2.48	8
	EN(A,D,W)4X42*21**		TXV	41000		13.5		11.5	43000	3.62	27200	2.48	8
	EN(A,D,W)4X48*21**	*8MV*1102120**	TDR&TXV	41500	15			12.5	42000	3.78	26200	2.58	8.5
	EN(A,D,W)4X48*21**	*8MX*0902116**	TDR&TXV	42000	15			12.5	42500	3.8	26200	2.6	8.5
	EN(A,D,W)4X48*21**	*8MX*1102120**	TDR&TXV	42000	15			12.5	42500	3.84	26200	2.62	8.5
	EN(A,D,W)4X48*21**	*9MA*0601714A**	TDR&TXV	41000	14			11.7	42500	3.64	26400	2.5	8.2
	EN(A,D,W)4X48*21**	*9MA*0602120A**	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.54	8.2
	EN(A,D,W)4X48*21**	*9MA*0801714A**	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.52	8.2
	EN(A,D,W)4X48*21**	*9MA*0802120A**	TDR&TXV	41000	14.5			12.2	42000	3.74	26000	2.56	8.2
	EN(A,D,W)4X48*21**	*9MA*1002122A**	TDR&TXV	41500	15			12.5	42000	3.8	26200	2.6	8.5
	EN(A,D,W)4X48*21**	*9MV*0601714A**	TDR&TXV	41000	14			11.7	42500	3.68	26800	2.52	8.2
	EN(A,D,W)4X48*21**	*9MV*0801716A**	TDR&TXV	41500	14.5			12	42500	3.7	26400	2.54	8.2
	EN(A,D,W)4X48*21**	*9MV*0802120A**	TDR&TXV	41500	15			12.5	42500	3.78	26200	2.58	8.5
	EN(A,D,W)4X48*21**	*9MV*1002120A**	TDR&TXV	41500	15			12.5	42000	3.78	26200	2.6	8.5
	EN(A,D,W)4X48*21**	*9MX*0601714A**	TDR&TXV	41500	14.2			11.7	42500	3.7	26800	2.52	8.5
	EN(A,D,W)4X48*21**	*9MX*0801716A**	TDR&TXV	41500	14.5			12	42500	3.74	26800	2.56	8.5
	EN(A,D,W)4X48*21**	*9MX*0802120A**	TDR&TXV	42000	15			12.5	42500	3.8	26400	2.6	8.5
	EN(A,D,W)4X48*21**	*9MX*1002120A**	TDR&TXV	41500	15			12.5	42000	3.8	26200	2.6	8.5
	EN(A,D,W)4X48*21**	MV12F19**B*	TDR&TXV	42000	15.2			12.5	42000	3.86	26000	2.64	8.5
	EN(A,D,W)4X48*21**	MV16J22**B*	TDR&TXV	42000	15.2			12.7	42000	3.86	26000	2.64	8.5
	EN(A,D,W)4X48*21**	*8MPV075	TDR&TXV	42000	14.5			12	43000	3.76	26800	2.56	8.5
	EN(A,D,W)4X48*21**	*8MPV100	TDR&TXV	42000	15			12.5	42500	3.86	26600	2.62	8.5
	EN(A,D,W)4X48*21**	*8MPV125	TDR&TXV	42000	15			12.5	42500	3.86	26400	2.62	8.5
	EN(A,D,W)4X48*21**	*9MA*1002120A**	TDR&TXV	41000	14.5			12.2	42000	3.72	26200	2.54	8.2
	EN(A,D,W)4X48*21**	*9MPV075	TDR&TXV	41500	13.7			11.5	43000	3.68	27000	2.5	8.2
	EN(A,D,W)4X48*21**	*9MPV100	TDR&TXV	42000	14.5			12.2	43000	3.8	26800	2.58	8.5
	EN(A,D,W)4X48*21**	*9MV*1002116A**	TDR&TXV	41500	14.5			12	42500	3.76	26600	2.56	8.5
	EN(A,D,W)4X48*21**	*9MVX060	TDR&TXV	41500	14			11.7	43000	3.7	27000	2.52	8.2
	EN(A,D,W)4X48*21**	*9MVX080	TDR&TXV	42000	14.5			12.2	43000	3.82	26800	2.58	8.5
	EN(A,D,W)4X48*21**	*9MX*1002116A**	TDR&TXV	41500	14.5			12	42500	3.72	26400	2.56	8.5
	EN(A,D,W)4X48*21**	OLV112A16A	TDR&TXV	41500	14.5			12	43000	3.74	26800	2.54	8.5
	EN(A,D,W)4X48*21**	OMV112K14A	TDR&TXV	41500	14.5			12	42500	3.72	26400	2.54	8.5
	EN(A,D,W)4X48*21**		TXV	42000		13.7		11.5	43500	3.72	27400	2.52	8.2
	END4X42*17**	*8MV*0901716**	TDR&TXV	41000	14.5			12	42000	3.7	26200	2.54	8.2
	END4X42*17**	*8MX*0701716**	TDR&TXV	41000	13.7			11.5	42500	3.62	26800	2.48	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
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Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					Standard	SEER		EER	Heat 17°F (-8.3°C)				
						TDR	W/ field TXV		BTU/hr	COP	BTU/hr	COP	
TSH542GKA	END4X42*17**	*9MA*0601714A**	TDR&TXV	40500	13.7			11.5	42000	3.58	26400	2.46	8
	END4X42*17**	*9MA*0801714A**	TDR&TXV	40500	14			11.7	42000	3.6	26200	2.48	8.2
	END4X42*17**	*9MV*0601714A**	TDR&TXV	40500	13.7			11.5	42500	3.6	26600	2.48	8
	END4X42*17**	*9MV*0801716A**	TDR&TXV	41000	14			11.7	42500	3.62	26400	2.5	8.2
	END4X42*17**	*9MX*0601714A**	TDR&TXV	41000	13.7			11.5	42500	3.62	26600	2.48	8.2
	END4X42*17**	*9MX*0801716A**	TDR&TXV	41000	14			11.7	42500	3.66	26600	2.5	8.2
	END4X42*17**	MV12F19**B*	TDR&TXV	41500	15			12.5	42000	3.78	26200	2.58	8.5
	END4X42*17**	*8MPV075	TDR&TXV	41000	14			11.7	42500	3.66	26600	2.5	8.2
	END4X42*17**	*9MPV075	TDR&TXV	41000	13.5			11.2	43000	3.58	26800	2.46	8
	END4X42*17**	*9MVX060	TDR&TXV	41000	13.7			11.5	43000	3.62	26800	2.48	8.2
	END4X42*17**	OMV112K14A	TDR&TXV	41000	14			11.7	42500	3.64	26600	2.5	8.2
	END4X42*17**		TXV	41500		13.7		11.5	43500	3.68	27400	2.5	8.2
	ENH4X42*21**	*8MV*0701412**	TDR&TXV	40500	13.7			11.5	42000	3.58	26200	2.48	8
	ENH4X42*21**	*8MV*0901716**	TDR&TXV	40500	14.5			12	42000	3.64	26000	2.52	8.2
	ENH4X42*21**	*8MV*1102120**	TDR&TXV	41000	14.5			12	42000	3.64	26200	2.52	8.2
	ENH4X42*21**	*8MV*1352422**	TDR&TXV	41000	14.5			12.2	42000	3.68	26000	2.54	8.2
	ENH4X42*21**	*8MX*0701716**	TDR&TXV	40500	13.5			11.5	42500	3.58	26600	2.46	8
	ENH4X42*21**	*8MX*0902116**	TDR&TXV	41000	14.5			12	42000	3.66	26000	2.52	8.2
	ENH4X42*21**	*8MX*1102120**	TDR&TXV	41000	14.5			12.2	42000	3.68	26000	2.54	8.2
	ENH4X42*21**	*8MX*1352420**	TDR&TXV	41000	14.5			12	42000	3.66	26000	2.52	8.2
	ENH4X42*21**	*9MA*0601714A**	TDR&TXV	40000	13.5			11.5	42000	3.52	26200	2.44	8
	ENH4X42*21**	*9MA*0602120A**	TDR&TXV	40500	14			11.7	42000	3.56	26000	2.46	8
	ENH4X42*21**	*9MA*0801714A**	TDR&TXV	40500	13.7			11.5	42000	3.56	26200	2.46	8
	ENH4X42*21**	*9MA*0802120A**	TDR&TXV	40500	14			12	41500	3.6	25800	2.5	8.2
	ENH4X42*21**	*9MA*1002122A**	TDR&TXV	41000	14.5			12	42000	3.66	26000	2.52	8.2
	ENH4X42*21**	*9MA*1202422A**	TDR&TXV	40500	14.5			12	41500	3.62	25800	2.5	8.2
	ENH4X42*21**	*9MV*0601714A**	TDR&TXV	40500	13.5			11.5	42500	3.56	26600	2.44	8
	ENH4X42*21**	*9MV*0801716A**	TDR&TXV	40500	13.7			11.5	42000	3.58	26200	2.48	8
	ENH4X42*21**	*9MV*0802120A**	TDR&TXV	40500	14.5			12	42000	3.64	26000	2.52	8.2
	ENH4X42*21**	*9MV*1002120A**	TDR&TXV	40500	14.5			12	41500	3.62	26000	2.52	8.2
	ENH4X42*21**	*9MV*1202422A**	TDR&TXV	40500	14.5			12	42000	3.64	26000	2.52	8.2
	ENH4X42*21**	*9MX*0601714A**	TDR&TXV	40500	13.7			11.5	42500	3.58	26400	2.46	8
	ENH4X42*21**	*9MX*0801716A**	TDR&TXV	40500	13.7			11.5	42500	3.6	26400	2.48	8.2
	ENH4X42*21**	*9MX*0802120A**	TDR&TXV	41000	14.5			12	42000	3.66	26200	2.52	8.2
	ENH4X42*21**	*9MX*1002120A**	TDR&TXV	40500	14.5			12	42000	3.64	26000	2.52	8.2
	ENH4X42*21**	*9MX*1202422A**	TDR&TXV	41000	14.5			12	42000	3.68	26400	2.52	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					SEER			EER	BTU/hr	COP	BTU/hr	COP		
					Standard	W/ field TDR	W/ field TXV							
TSH542GKA	ENH4X42*21**	MV12F19**B*	TDR&TXV	41000	15			12.5	42000	3.72	26000	2.56	8.5	
	ENH4X42*21**	MV16J22**B*	TDR&TXV	41000	15			12.5	42000	3.74	26000	2.58	8.5	
	ENH4X42*21**	MV20L24**B*	TDR&TXV	41000	15			12.5	42000	3.74	26000	2.58	8.5	
	ENH4X42*21**	*8MPV075	TDR&TXV	41000	14			11.5	42500	3.62	26600	2.48	8.2	
	ENH4X42*21**	*8MPV100	TDR&TXV	41000	14.5			12	42000	3.7	26400	2.54	8.2	
	ENH4X42*21**	*8MPV125	TDR&TXV	41000	14.5			12	42000	3.7	26200	2.54	8.2	
	ENH4X42*21**	*9MA*1002120A**	TDR&TXV	40500	14			11.7	42000	3.58	26000	2.48	8	
	ENH4X42*21**	*9MPV075	TDR&TXV	40500	13.5			11.2	42500	3.54	26800	2.44	8	
	ENH4X42*21**	*9MPV100	TDR&TXV	41000	14			11.7	42500	3.66	26400	2.52	8.2	
	ENH4X42*21**	*9MPV125	TDR&TXV	41000	14.5			12	42000	3.66	26200	2.52	8.2	
	ENH4X42*21**	*9MV*1002116A**	TDR&TXV	40500	14			11.7	42000	3.62	26400	2.5	8.2	
	ENH4X42*21**	*9MVX080	TDR&TXV	41000	14			11.7	42500	3.66	26600	2.52	8.2	
	ENH4X42*21**	*9MVX100	TDR&TXV	41000	14.5			12	42000	3.66	26200	2.52	8.2	
	ENH4X42*21**	*9MX*1002116A**	TDR&TXV	40500	14			11.7	42000	3.58	26200	2.48	8	
	ENH4X42*21**	OLV112A16A	TDR&TXV	41000	13.7			11.5	42500	3.6	26800	2.48	8.2	
	ENH4X42*21**	OLV154F20A	TDR&TXV	41500	14.5			12	43000	3.74	26800	2.56	8.5	
	ENH4X42*21**		TXV	41000			13.5	11.2	43000	3.62	27200	2.48	8	
	ENH4X43*21**	*9MA*0601714A**	TDR&TXV	41500	14.5			12	41500	3.72	26600	2.54	8.5	
	ENH4X43*21**	*9MA*0801714A**	TDR&TXV	41500	14.5			12.2	41500	3.76	26400	2.56	8.5	
	ENH4X43*21**	*9MA*1202422A**	TDR&TXV	42000	15			12.5	41500	3.82	26200	2.6	8.5	
	ENH4X43*21**	*9MV*0601714A**	TDR&TXV	41500	14.5			12	41500	3.72	26400	2.54	8.2	
	ENH4X43*21**	*9MV*0801716A**	TDR&TXV	41500	14.5			12.2	41500	3.76	26200	2.56	8.5	
	ENH4X43*21**	*9MV*1202422A**	TDR&TXV	41500	15			12.5	41500	3.82	26000	2.6	8.5	
	ENH4X43*21**	*9MX*0601714A**	TDR&TXV	42000	14.5			12	42000	3.78	26800	2.56	8.5	
	ENH4X43*21**	*9MX*0801716A**	TDR&TXV	42000	14.5			12.2	42000	3.82	26800	2.58	8.5	
	ENH4X43*21**	*9MX*1202422A**	TDR&TXV	42500	15			12.5	42000	3.92	26800	2.64	8.7	
	ENH4X43*21**	MV12F19**B*	TDR&TXV	42500	15.5			12.7	41500	3.94	26200	2.66	8.7	
	ENH4X43*21**	MV16J22**B*	TDR&TXV	42500	15.5			12.7	41500	3.96	26200	2.68	8.7	
	ENH4X43*21**	MV20L24**B*	TDR&TXV	42500	15.5			12.7	41500	3.96	26200	2.68	8.7	
	ENH4X43*21**	*8MPV075	TDR&TXV	42500	14.5			12.2	42000	3.84	26800	2.58	8.5	
	ENH4X43*21**	*8MPV100	TDR&TXV	42500	15			12.5	42000	3.94	26800	2.64	8.7	
	ENH4X43*21**	*8MPV125	TDR&TXV	42500	15.2			12.5	42000	3.94	26600	2.66	8.7	
	ENH4X43*21**	*9MA*1002120A**	TDR&TXV	41500	15			12.5	41500	3.8	26400	2.58	8.5	
	ENH4X43*21**	*9MPV075	TDR&TXV	42000	14			11.7	42000	3.76	27000	2.54	8.2	
	ENH4X43*21**	*9MPV100	TDR&TXV	42500	15			12.5	42000	3.9	26800	2.62	8.5	
	ENH4X43*21**	*9MPV125	TDR&TXV	42500	15			12.5	42000	3.9	26600	2.62	8.5	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models												
For complete ratings information, use the AHRI website directory search: www.ahridirectory.org . New ratings may be listed online before Specification Sheets are updated.												
Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			
					SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field	TDR					
TSH542GKA	ENH4X43*21**	*9MV*1002116A**	TDR&TXV	41500	15			12.5	41500	3.78	26200	2.58
	ENH4X43*21**	*9MVX080	TDR&TXV	42500	15			12.5	42000	3.9	27000	2.62
	ENH4X43*21**	*9MVX100	TDR&TXV	42500	15			12.5	42000	3.88	26600	2.62
	ENH4X43*21**	*9MX*1002116A**	TDR&TXV	42000	14.5			12.2	41500	3.82	26600	2.58
	ENH4X43*21**	OLV112A16A	TDR&TXV	42000	14.5			12	41500	3.82	27000	2.58
	ENH4X43*21**	OLV154F20A	TDR&TXV	43000	15			12.5	41500	3.98	27200	2.66
	ENH4X43*21**	OMV112K14A	TDR&TXV	42000	14.5			12.2	42000	3.82	26600	2.58
	ENH4X48*21**	*8MV*0701412**	TDR&TXV	41000	14.5			12	42500	3.7	26400	2.54
	ENH4X48*21**	*8MV*0901716**	TDR&TXV	41500	15			12.5	42000	3.76	26200	2.58
	ENH4X48*21**	*8MV*1102120**	TDR&TXV	41500	15			12.5	42000	3.78	26200	2.58
	ENH4X48*21**	*8MV*1352422**	TDR&TXV	41500	15			12.5	42000	3.8	26000	2.6
	ENH4X48*21**	*8MX*0701716**	TDR&TXV	41500	14			11.7	43000	3.7	27000	2.52
	ENH4X48*21**	*8MX*0902116**	TDR&TXV	42000	15			12.5	42500	3.8	26200	2.6
	ENH4X48*21**	*8MX*1102120**	TDR&TXV	42000	15			12.5	42500	3.84	26200	2.62
	ENH4X48*21**	*8MX*1352420**	TDR&TXV	42000	15			12.5	42500	3.82	26400	2.6
	ENH4X48*21**	*9MA*0601714A**	TDR&TXV	41000	14			11.7	42500	3.64	26400	2.5
	ENH4X48*21**	*9MA*0602120A**	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.54
	ENH4X48*21**	*9MA*0801714A**	TDR&TXV	41000	14.5			12	42000	3.68	26200	2.52
	ENH4X48*21**	*9MA*0802120A**	TDR&TXV	41000	14.5			12.2	42000	3.74	26000	2.56
	ENH4X48*21**	*9MA*1002122A**	TDR&TXV	41500	15			12.5	42000	3.8	26200	2.6
	ENH4X48*21**	*9MA*1202422A**	TDR&TXV	41000	15			12.5	42000	3.74	26000	2.56
	ENH4X48*21**	*9MV*0601714A**	TDR&TXV	41000	14			11.7	42500	3.68	26800	2.52
	ENH4X48*21**	*9MV*0801716A**	TDR&TXV	41500	14.5			12	42500	3.7	26400	2.54
	ENH4X48*21**	*9MV*0802120A**	TDR&TXV	41500	15			12.5	42500	3.78	26200	2.58
	ENH4X48*21**	*9MV*1002120A**	TDR&TXV	41500	15			12.5	42000	3.78	26200	2.6
	ENH4X48*21**	*9MV*1202422A**	TDR&TXV	41500	15			12.5	42500	3.78	26200	2.58
	ENH4X48*21**	*9MX*0601714A**	TDR&TXV	41500	14.2			11.7	42500	3.7	26800	2.52
	ENH4X48*21**	*9MX*0801716A**	TDR&TXV	41500	14.5			12	42500	3.74	26800	2.56
	ENH4X48*21**	*9MX*0802120A**	TDR&TXV	42000	15			12.5	42500	3.8	26400	2.6
	ENH4X48*21**	*9MX*1002120A**	TDR&TXV	41500	15			12.5	42000	3.8	26200	2.6
	ENH4X48*21**	*9MX*1202422A**	TDR&TXV	42000	15			12.5	42500	3.84	26600	2.6
	ENH4X48*21**	MV12F19**B*	TDR&TXV	42000	15.2			12.5	42000	3.86	26000	2.64
	ENH4X48*21**	MV16J22**B*	TDR&TXV	42000	15.2			12.7	42000	3.86	26000	2.64
	ENH4X48*21**	MV20L24**B*	TDR&TXV	42000	15.2			12.7	42000	3.88	26000	2.64
	ENH4X48*21**	*8MPV075	TDR&TXV	42000	14.5			12	43000	3.76	26800	2.56

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
					SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV					
TSH542GKA	ENH4X48*21**	*8MPV100	TDR&TXV	42000	15			12.5	42500	3.86	26600	2.62
	ENH4X48*21**	*8MPV125	TDR&TXV	42000	15			12.5	42500	3.86	26400	2.62
	ENH4X48*21**	*9MA*1002120A**	TDR&TXV	41000	14.5			12.2	42000	3.72	26200	2.54
	ENH4X48*21**	*9MPV075	TDR&TXV	41500	13.7			11.5	43000	3.68	27000	2.5
	ENH4X48*21**	*9MPV100	TDR&TXV	42000	14.5			12.2	43000	3.8	26800	2.58
	ENH4X48*21**	*9MPV125	TDR&TXV	42000	15			12.5	42500	3.82	26600	2.6
	ENH4X48*21**	*9MV*1002116A**	TDR&TXV	41500	14.5			12	42500	3.76	26600	2.56
	ENH4X48*21**	*9MVX080	TDR&TXV	42000	14.5			12.2	43000	3.82	26800	2.58
	ENH4X48*21**	*9MVX100	TDR&TXV	42000	15			12.5	42500	3.8	26400	2.58
	ENH4X48*21**	*9MX*1002116A**	TDR&TXV	41500	14.5			12	42500	3.72	26400	2.56
	ENH4X48*21**	OLV112A16A	TDR&TXV	41500	14.5			12	43000	3.74	26800	2.54
	ENH4X48*21**	OLV154F20A	TDR&TXV	42500	15			12.5	43000	3.88	27000	2.62
	ENH4X48*21**	OMV112K14A	TDR&TXV	41500	14.5			12	42500	3.72	26400	2.54
	ENH4X48*21**		TXV	42000		13.7		11.7	43500	3.72	27400	2.52
2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.												

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS Indoor Models												
For complete ratings information, use the AHRI website directory search: www.ahridirectory.org . New ratings may be listed online before Specification Sheets are updated.												
Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			
					SEER			EER	Heat 17°F (-8.3°C)			HSPF
					Standard	W/ field	TDR		BTU/hr	COP	BTU/hr	
TSH548GKA	*FXM4X48**A*		TDR&TXV	47500	15			12.5	47000	3.84	28000	2.66
	FCM4X48****		TDR&TXV	47000	15			12.5	46000	3.76	27400	2.64
	FCM4X60****		TDR&TXV	47500	15.2			12.7	46000	3.9	27400	2.7
	FEM4P48**A*		TDR	46500				11.5	46500	3.68	28000	2.56
	FEM4X48****		TDR&TXV	47500	14.5			12	47000	3.78	28200	2.62
	FEM4X60****		TDR&TXV	48000	14.5			12.2	47000	3.9	28200	2.66
	FEM4X60**B*		TDR&TXV	47500	14.5			12	47000	3.78	28200	2.62
	FS(M,U)4P48**A*		TDR	47500				11.7	47000	3.76	28400	2.6
	FS(M,U)4X60**A*		TDR&TXV	47500	13.5			11.2	48000	3.72	29000	2.54
	FVM4X48****		TDR&TXV	47000	15			12.5	46000	3.76	27400	2.64
	FVM4X60****		TDR&TXV	47500	15.2			12.7	46000	3.9	27400	2.7
	FXM4X60**A*		TDR&TXV	48500	15			12.5	47000	3.94	28000	2.7
	EA*4X48*17A*		TDR&TXV	46000	14			11.7	46500	3.68	27800	2.56
	EA*4X48*17A*		TXV	46000		13.7		11.5	47000	3.64	28200	2.54
	EA*4X48*21A*		TDR&TXV	45500	14			11.7	46000	3.66	27600	2.56
	EA*4X48*21A*		TDR&TXV	46000	14			11.7	46500	3.68	27600	2.56
	EA*4X48*21A*		TDR&TXV	46000	14.5			12	46000	3.7	27400	2.58
	EA*4X48*21A*		TDR&TXV	45000	13.7			11.5	46000	3.56	27400	2.5
	EA*4X48*21A*		TDR&TXV	45500	14			11.7	46000	3.62	27200	2.54
	EA*4X48*21A*		TDR&TXV	45500	14			11.7	46000	3.68	27400	2.58
	EA*4X48*21A*		TDR&TXV	45500	14			11.7	46000	3.64	27600	2.56
	EA*4X48*21A*		TDR&TXV	45500	14			11.7	46000	3.66	27400	2.56
	EA*4X48*21A*		TDR&TXV	46000	14			11.7	46500	3.66	27600	2.56
	EA*4X48*21A*		TDR&TXV	45500	14			11.7	46000	3.66	27600	2.56
	EA*4X48*21A*		TDR&TXV	45500	14.5			12.2	46000	3.76	27400	2.62
	EA*4X48*21A*		TDR&TXV	46000	14			11.7	46500	3.7	28000	2.58
	EA*4X48*21A*		TDR&TXV	46000	14			11.7	46500	3.72	27800	2.58
	EA*4X48*21A*		TDR&TXV	45500	13.7			11.5	46000	3.6	27600	2.52
	EA*4X48*21A*		TDR&TXV	46000	13.7			11.5	46500	3.64	28000	2.54
	EA*4X48*21A*		TDR&TXV	45500	13.5			11.2	46500	3.62	28000	2.52
	EA*4X48*21A*		TDR&TXV	45500	13.7			11.5	46500	3.6	27800	2.52
	EA*4X48*21A*		TDR&TXV	45500	13			11	47000	3.58	28400	2.5
	EA*4X48*21A*		TXV	46500		13.5		11.2	47500	3.66	28600	2.54
	EA*4X48*24A*		TDR&TXV	46000	14.5			12	46000	3.7	27400	2.58
	EA*4X48*24A*		TDR&TXV	46000	14			11.7	46000	3.7	27600	2.58

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					SEER			EER	BTU/hr	COP	BTU/hr	COP	
					Standard	W/ field TDR	W/ field TXV						
TSH548GKA	EA*4X48*24A*	*9MA*0602120A**	TDR&TXV	45000	13.7			11.5	46000	3.58	27400	2.52	8
	EA*4X48*24A*	*9MA*0802120A**	TDR&TXV	45500	14			11.7	45500	3.64	27200	2.56	8.2
	EA*4X48*24A*	*9MA*1002122A**	TDR&TXV	46000	14.2			12	46000	3.68	27400	2.58	8.2
	EA*4X48*24A*	*9MA*1202422A**	TDR&TXV	45500	14			11.7	45500	3.64	27200	2.56	8.2
	EA*4X48*24A*	*9MV*0802120A**	TDR&TXV	45500	14			11.7	46000	3.66	27600	2.56	8.2
	EA*4X48*24A*	*9MV*1002120A**	TDR&TXV	46000	14			11.7	46000	3.68	27400	2.58	8.2
	EA*4X48*24A*	*9MV*1202422A**	TDR&TXV	46000	14.2			11.7	46000	3.68	27600	2.56	8.2
	EA*4X48*24A*	*9MX*0802120A**	TDR&TXV	46000	14			11.7	46500	3.68	27600	2.56	8.2
	EA*4X48*24A*	*9MX*1002120A**	TDR&TXV	46000	14			11.7	46000	3.68	27600	2.58	8.2
	EA*4X48*24A*	*9MX*1202422A**	TDR&TXV	46000	14			11.7	46500	3.7	27600	2.58	8.2
	EA*4X48*24A*	MV16J22**B*	TDR&TXV	46500	14.5			12.2	46000	3.78	27200	2.64	8.5
	EA*4X48*24A*	MV20L24**B*	TDR&TXV	46500	14.5			12.2	46000	3.78	27200	2.64	8.5
	EA*4X48*24A*	*8MPV100	TDR&TXV	46500	14			11.7	46500	3.72	28000	2.58	8.5
	EA*4X48*24A*	*8MPV125	TDR&TXV	46500	14			11.7	46500	3.74	27800	2.6	8.5
	EA*4X48*24A*	*9MA*1002120A**	TDR&TXV	45500	14			11.5	46000	3.6	27400	2.52	8.2
	EA*4X48*24A*	*9MPV100	TDR&TXV	46000	13.7			11.5	46500	3.66	28000	2.54	8.2
	EA*4X48*24A*	*9MPV125	TDR&TXV	46000	14			11.5	46500	3.68	28000	2.56	8.2
	EA*4X48*24A*	*9MV*1002116A**	TDR&TXV	45500	13.7			11.2	46500	3.62	28000	2.52	8.2
	EA*4X48*24A*	*9MX*1002116A**	TDR&TXV	45500	13.7			11.5	46500	3.62	27800	2.52	8.2
	EA*4X48*24A*	OLV112A16A	TDR&TXV	45500	13.5			11.2	47000	3.6	28200	2.5	8.2
	EA*4X48*24A*	OLV154F20A	TDR&TXV	46500	14			11.5	47500	3.74	28400	2.58	8.5
	EA*4X48*24A*		TXV	46500		13.5		11.2	47500	3.66	28600	2.54	8.2
	EA*4X60*21A*	*8MV*1102120**	TDR&TXV	46500	14.5			12	46500	3.72	27600	2.6	8.5
	EA*4X60*21A*	*8MX*0902116**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6	8.5
	EA*4X60*21A*	*8MX*1102120**	TDR&TXV	47000	14.5			12.2	46000	3.76	27600	2.64	8.5
	EA*4X60*21A*	*9MA*0602120A**	TDR&TXV	46000	14			11.7	46000	3.62	27600	2.54	8.2
	EA*4X60*21A*	*9MA*0802120A**	TDR&TXV	46500	14.5			12	46000	3.68	27400	2.58	8.2
	EA*4X60*21A*	*9MA*1002122A**	TDR&TXV	46500	14.5			12.2	46000	3.74	27600	2.62	8.5
	EA*4X60*21A*	*9MV*0802120A**	TDR&TXV	46500	14.5			12	46500	3.72	27600	2.6	8.2
	EA*4X60*21A*	*9MV*1002120A**	TDR&TXV	46500	14.5			12	46000	3.74	27600	2.6	8.5
	EA*4X60*21A*	*9MX*0802120A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6	8.5
	EA*4X60*21A*	*9MX*1002120A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6	8.5
	EA*4X60*21A*	MV16J22**B*	TDR&TXV	47000	15			12.5	46000	3.84	27400	2.66	8.5
	EA*4X60*21A*	*8MPV100	TDR&TXV	47000	14.5			12	47000	3.78	28000	2.62	8.5
	EA*4X60*21A*	*8MPV125	TDR&TXV	47000	14.5			12	46500	3.78	28000	2.62	8.5
	EA*4X60*21A*	*9MA*1002120A**	TDR&TXV	46500	14			11.7	46500	3.66	27600	2.56	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					SEER			EER	BTU/hr	COP	BTU/hr	COP	
					Standard	TDR	W/ field TXV						
TSH548GKA	EA*4X60*21A*	*9MPV100	TDR&TXV	47000	14			11.7	47000	3.72	28200	2.58	8.5
	EA*4X60*21A*	*9MV*1002116A**	TDR&TXV	46500	14			11.5	47000	3.68	28200	2.56	8.2
	EA*4X60*21A*	*9MX*1002116A**	TDR&TXV	46500	14			11.7	46500	3.66	28000	2.56	8.2
	EA*4X60*21A*		TXV	47000		13.7		11.5	47500	3.72	28800	2.56	8.5
	EA*4X60*24A*	*8MV*1352422**	TDR&TXV	47000	14.5			12.2	46000	3.76	27600	2.62	8.5
	EA*4X60*24A*	*8MX*1352420**	TDR&TXV	47000	14.5			12	46500	3.76	27800	2.62	8.5
	EA*4X60*24A*	*9MA*0602120A**	TDR&TXV	46000	14			11.7	46000	3.62	27600	2.56	8.2
	EA*4X60*24A*	*9MA*0802120A**	TDR&TXV	46500	14.5			12	46000	3.68	27400	2.6	8.2
	EA*4X60*24A*	*9MA*1002122A**	TDR&TXV	46500	14.5			12.2	46000	3.74	27600	2.62	8.5
	EA*4X60*24A*	*9MA*1202422A**	TDR&TXV	46500	14.5			12	46000	3.68	27400	2.58	8.2
	EA*4X60*24A*	*9MV*0802120A**	TDR&TXV	46500	14.5			12	46500	3.72	27600	2.6	8.5
	EA*4X60*24A*	*9MV*1002120A**	TDR&TXV	47000	14.5			12	46000	3.74	27600	2.62	8.5
	EA*4X60*24A*	*9MV*1202422A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6	8.5
	EA*4X60*24A*	*9MX*0802120A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.62	8.5
	EA*4X60*24A*	*9MX*1002120A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.62	8.5
	EA*4X60*24A*	*9MX*1202422A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6	8.5
	EA*4X60*24A*	MV16J22**B*	TDR&TXV	47000	15			12.5	46000	3.84	27400	2.68	8.5
	EA*4X60*24A*	MV20L24**B*	TDR&TXV	47000	15			12.5	46000	3.84	27400	2.68	8.5
	EA*4X60*24A*	*8MPV100	TDR&TXV	47500	14.5			12	47000	3.78	28000	2.62	8.5
	EA*4X60*24A*	*8MPV125	TDR&TXV	47500	14.5			12	46500	3.8	28000	2.64	8.5
	EA*4X60*24A*	*9MA*1002120A**	TDR&TXV	46500	14.2			11.7	46000	3.66	27600	2.56	8.2
EA*4X60*24A*	*9MPV100	TDR&TXV	47000	14			11.7	47000	3.72	28200	2.58	8.5	
EA*4X60*24A*	*9MPV125	TDR&TXV	47000	14			11.7	47000	3.74	28000	2.6	8.5	
EA*4X60*24A*	*9MV*1002116A**	TDR&TXV	46500	14			11.5	47000	3.68	28200	2.56	8.2	
EA*4X60*24A*	*9MX*1002116A**	TDR&TXV	46500	14			11.7	46500	3.68	28000	2.56	8.2	
EA*4X60*24A*	OLV154F20A	TDR&TXV	47500	14			11.7	47500	3.8	28600	2.62	8.5	
EA*4X60*24A*		TXV	47000		13.7		11.5	47500	3.72	28800	2.56	8.5	
ED*4X48F**		*8MV*0901716**	TDR&TXV	46000	14			11.7	46500	3.68	27800	2.56	8.2
ED*4X48F**		*8MV*1102120**	TDR&TXV	46000	14			11.7	46500	3.7	27800	2.58	8.2
ED*4X48F**		*8MX*0902116**	TDR&TXV	46000	14			11.7	46500	3.72	27800	2.58	8.5
ED*4X48F**		*8MX*1102120**	TDR&TXV	46000	14.5			12	46000	3.72	27400	2.6	8.5
ED*4X48F**		*9MA*0602120A**	TDR&TXV	45500	13.7			11.5	46000	3.6	27600	2.52	8.2
ED*4X48F**		*9MA*0802120A**	TDR&TXV	45500	14			11.7	46000	3.66	27400	2.56	8.2
ED*4X48F**		*9MA*1002122A**	TDR&TXV	46000	14			11.7	46500	3.72	27600	2.58	8.2
ED*4X48F**		*9MV*0802120A**	TDR&TXV	46000	14			11.7	46000	3.68	27600	2.58	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
					SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV					
TSH548GKA	ED*4X48F**	*9MV*1002120A**	TDR&TXV	46000	14			11.7	46000	3.7	27600	2.58
	ED*4X48F**	*9MX*0802120A**	TDR&TXV	46000	14			11.7	46500	3.7	27800	2.58
	ED*4X48F**	*9MX*1002120A**	TDR&TXV	46000	14			11.7	46500	3.7	27600	2.58
	ED*4X48F**	*9MA*1002120A**	TDR&TXV	45500	13.7			11.5	46500	3.64	27800	2.54
	ED*4X48F**	*9MV*1002116A**	TDR&TXV	46000	13.7			11.5	47000	3.64	28200	2.54
	ED*4X48F**	*9MX*1002116A**	TDR&TXV	46000	13.7			11.5	46500	3.64	28000	2.54
	ED*4X48F**		TXV	46000		13.7		11.5	47000	3.64	28200	2.54
	ED*4X48J**	*9MA*0602120A**	TDR&TXV	45000	13.7			11.5	46000	3.56	27400	2.5
	ED*4X48J**	*9MA*0802120A**	TDR&TXV	45500	14			11.7	46000	3.62	27200	2.54
	ED*4X48J**	*9MA*1002122A**	TDR&TXV	45500	14			11.7	46000	3.68	27400	2.58
	ED*4X48J**	*9MA*1202422A**	TDR&TXV	45500	14			11.7	46000	3.62	27200	2.54
	ED*4X48J**	*9MV*0802120A**	TDR&TXV	45500	14			11.7	46000	3.64	27600	2.56
	ED*4X48J**	*9MV*1002120A**	TDR&TXV	45500	14			11.7	46000	3.66	27400	2.56
	ED*4X48J**	*9MV*1202422A**	TDR&TXV	45500	14			11.7	46000	3.66	27600	2.56
	ED*4X48J**	MV16J22**B	TDR&TXV	46000	14.5			12.2	46000	3.76	27400	2.62
	ED*4X48J**	MV20L24**B	TDR&TXV	46000	14.5			12.2	46000	3.76	27400	2.62
	ED*4X48J**	*8MPV100	TDR&TXV	46000	14			11.7	46500	3.7	28000	2.58
	ED*4X48J**	*8MPV125	TDR&TXV	46000	14			11.7	46500	3.72	27800	2.58
	ED*4X48J**	*9MA*1002120A**	TDR&TXV	45500	13.7			11.5	46000	3.6	27600	2.52
	ED*4X48J**	*9MPV100	TDR&TXV	46000	13.7			11.5	46500	3.64	28000	2.54
	ED*4X48J**	*9MPV125	TDR&TXV	46000	14			11.5	46500	3.66	28000	2.56
	ED*4X48J**	*9MV*1002116A**	TDR&TXV	45500	13.7			11.2	46500	3.62	28000	2.52
	ED*4X48J**	*9MVX080	TDR&TXV	46000	13.5			11.5	47000	3.66	28200	2.54
	ED*4X48J**	*9MX*1002116A**	TDR&TXV	45500	13.7			11.5	46500	3.6	27800	2.52
	ED*4X48J**		TXV	46500		13.5		11.2	47500	3.66	28600	2.54
	ED*4X48L**	*8MV*1102120**	TDR&TXV	45500	14			11.7	46000	3.66	27400	2.56
	ED*4X48L**	*8MV*1352422**	TDR&TXV	46000	14.5			12	46000	3.7	27400	2.58
	ED*4X48L**	*8MX*0902116**	TDR&TXV	46000	14			11.7	46500	3.7	27600	2.58
	ED*4X48L**	*8MX*1102120**	TDR&TXV	46000	14.5			12	46000	3.72	27400	2.6
	ED*4X48L**	*8MX*1352420**	TDR&TXV	46000	14			11.7	46000	3.7	27600	2.58
	ED*4X48L**	*9MA*0602120A**	TDR&TXV	45000	13.7			11.5	46000	3.58	27400	2.52
	ED*4X48L**	*9MA*0802120A**	TDR&TXV	45500	14			11.7	45500	3.64	27200	2.56
	ED*4X48L**	*9MA*1002122A**	TDR&TXV	46000	14.2			12	46000	3.68	27400	2.58

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models												
For complete ratings information, use the AHRI website directory search: www.ahridirectory.org . New ratings may be listed online before Specification Sheets are updated.												
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			
					SEER			EER	BTU/hr	COP	Heat 17°F (-8.3°C)	
					Standard	W/ field	TDR				BTU/hr	COP
TSH548GKA	ED*4X48L**	*9MA*1202422A**	TDR&TXV	45500	14			11.7	46000	3.64	27200	2.56
	ED*4X48L**	*9MV*0802120A**	TDR&TXV	45500	14			11.7	46000	3.66	27600	2.56
	ED*4X48L**	*9MV*1002120A**	TDR&TXV	46000	14			11.7	46000	3.68	27400	2.58
	ED*4X48L**	*9MV*1202422A**	TDR&TXV	46000	14			11.7	46000	3.68	27600	2.58
	ED*4X48L**	*9MX*0802120A**	TDR&TXV	46000	14			11.7	46500	3.68	27600	2.56
	ED*4X48L**	*9MX*1002120A**	TDR&TXV	46000	14			11.7	46000	3.68	27600	2.58
	ED*4X48L**	*9MX*1202422A**	TDR&TXV	46000	14			11.7	46500	3.7	27600	2.58
	ED*4X48L**	MV16J22**B*	TDR&TXV	46500	14.5			12.2	46000	3.78	27200	2.64
	ED*4X48L**	MV20L24**B*	TDR&TXV	46500	14.5			12.2	46000	3.78	27200	2.64
	ED*4X48L**	*8MPV100	TDR&TXV	46500	14			11.7	46500	3.72	28000	2.58
	ED*4X48L**	*8MPV125	TDR&TXV	46500	14			11.7	46500	3.74	27800	2.6
	ED*4X48L**	*9MA*1002120A**	TDR&TXV	45500	14			11.5	46000	3.6	27600	2.54
	ED*4X48L**	*9MPV100	TDR&TXV	46000	13.7			11.5	46500	3.66	28000	2.54
	ED*4X48L**	*9MPV125	TDR&TXV	46000	14			11.5	46500	3.68	28000	2.56
	ED*4X48L**	*9MV*1002116A**	TDR&TXV	45500	13.5			11.2	46500	3.64	28000	2.54
	ED*4X48L**	*9MVX080	TDR&TXV	46000	13.7			11.5	47000	3.68	28200	2.56
	ED*4X48L**	*9MVX100	TDR&TXV	46000	14			11.5	46500	3.68	27800	2.56
	ED*4X48L**	*9MX*1002116A**	TDR&TXV	45500	13.7			11.5	46500	3.62	27800	2.54
	ED*4X48L**	OLV112A16A	TDR&TXV	45500	13.2			11.2	47000	3.6	28200	2.5
	ED*4X48L**	OLV154F20A	TDR&TXV	46500	14		13.5	11.5	47500	3.74	28400	2.58
	ED*4X48L**		TXV	46500				11.2	47500	3.66	28600	2.54
	ED*4X60J**	*8MV*1102120**	TDR&TXV	46500	14.5			12	46500	3.72	27600	2.6
	ED*4X60J**	*8MV*1352422**	TDR&TXV	47000	14.5			12.2	46000	3.74	27600	2.62
	ED*4X60J**	*8MX*0902116**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6
	ED*4X60J**	*8MX*1102120**	TDR&TXV	47000	14.5			12.2	46000	3.76	27600	2.64
	ED*4X60J**	*8MX*1352420**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.62
	ED*4X60J**	*9MA*0602120A**	TDR&TXV	46000	14			11.7	46000	3.62	27600	2.54
	ED*4X60J**	*9MA*0802120A**	TDR&TXV	46500	14.5			12	46000	3.68	27400	2.58
	ED*4X60J**	*9MA*1002122A**	TDR&TXV	46500	14.5			12.2	46000	3.74	27600	2.62
	ED*4X60J**	*9MA*1202422A**	TDR&TXV	46500	14.5			12	46000	3.68	27400	2.58
	ED*4X60J**	*9MV*0802120A**	TDR&TXV	46500	14.5			12	46500	3.72	27600	2.6
	ED*4X60J**	*9MV*1002120A**	TDR&TXV	46500	14.5			12	46000	3.74	27600	2.6
	ED*4X60J**	*9MV*1202422A**	TDR&TXV	47000	14.5			12	46500	3.72	27800	2.6
	ED*4X60J**	*9MX*0802120A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6
	ED*4X60J**	*9MX*1202422A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6
	ED*4X60J**	*9MX*0802120A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6
	ED*4X60J**		TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6
	ED*4X60J**		TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6
	ED*4X60J**		TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6
	ED*4X60J**		TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6
	ED*4X60J**		TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)					Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					SEER			EER	BTU/hr	COP	BTU/hr	COP		
					Standard	W/ field TDR	W/ field TXV							
TSH548GKA	ED*4X60J**	*9MX*1202422A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6	8.5	
	ED*4X60J**	MV16J22**B*	TDR&TXV	47000	15			12.5	46000	3.84	27400	2.66	8.5	
	ED*4X60J**	MV20L24**B*	TDR&TXV	47000	15			12.5	46000	3.84	27400	2.66	8.5	
	ED*4X60J**	*8MPV100	TDR&TXV	47000	14.5			12	47000	3.78	28000	2.62	8.5	
	ED*4X60J**	*8MPV125	TDR&TXV	47000	14.5			12	46500	3.78	28000	2.62	8.5	
	ED*4X60J**	*9MA*1002120A**	TDR&TXV	46500	14			11.7	46500	3.66	27600	2.56	8.2	
	ED*4X60J**	*9MPV100	TDR&TXV	47000	14			11.7	47000	3.72	28200	2.58	8.5	
	ED*4X60J**	*9MPV125	TDR&TXV	47000	14			11.7	47000	3.74	28000	2.6	8.5	
	ED*4X60J**	*9MV*1002116A**	TDR&TXV	46500	14			11.5	47000	3.68	28200	2.56	8.2	
	ED*4X60J**	*9MVX080	TDR&TXV	47000	14			11.7	47000	3.72	28200	2.58	8.5	
	ED*4X60J**	*9MVX100	TDR&TXV	47000	14			11.7	46500	3.72	28000	2.58	8.5	
	ED*4X60J**	*9MX*1002116A**	TDR&TXV	46500	14			11.7	46500	3.66	28000	2.56	8.2	
	ED*4X60J**		TXV	47000			13.7		11.5	47500	3.72	28800	2.56	8.5
	ED*4X60L**	*9MA*0602120A**	TDR&TXV	46000	14				11.7	46000	3.62	27600	2.56	8.2
	ED*4X60L**	*9MA*0802120A**	TDR&TXV	46500	14.5				12	46000	3.68	27400	2.6	8.2
	ED*4X60L**	*9MA*1002122A**	TDR&TXV	46500	14.5				12.2	46000	3.74	27600	2.62	8.5
	ED*4X60L**	*9MA*1202422A**	TDR&TXV	46500	14.5				12	46000	3.68	27400	2.58	8.2
	ED*4X60L**	*9MV*0802120A**	TDR&TXV	46500	14.5				12	46500	3.72	27600	2.6	8.5
	ED*4X60L**	*9MV*1002120A**	TDR&TXV	47000	14.5				12	46000	3.74	27600	2.62	8.5
	ED*4X60L**	*9MV*1202422A**	TDR&TXV	47000	14.5				12	46500	3.74	27600	2.6	8.5
	ED*4X60L**	MV16J22**B*	TDR&TXV	47000	15				12.5	46000	3.84	27400	2.68	8.5
	ED*4X60L**	MV20L24**B*	TDR&TXV	47000	15				12.5	46000	3.84	27400	2.68	8.5
	ED*4X60L**	*8MPV100	TDR&TXV	47500	14.5				12	47000	3.78	28000	2.62	8.5
	ED*4X60L**	*8MPV125	TDR&TXV	47500	14.5				12	46500	3.8	28000	2.64	8.5
	ED*4X60L**	*9MA*1002120A**	TDR&TXV	46500	14				11.7	46000	3.66	27600	2.56	8.2
	ED*4X60L**	*9MPV100	TDR&TXV	47000	14				11.7	47000	3.72	28200	2.58	8.5
	ED*4X60L**	*9MPV125	TDR&TXV	47000	14				11.7	47000	3.74	28000	2.6	8.5
	ED*4X60L**	*9MV*1002116A**	TDR&TXV	46500	14				11.5	47000	3.68	28200	2.56	8.2
	ED*4X60L**	*9MVX100	TDR&TXV	47000	14				11.7	46500	3.72	28000	2.6	8.5
	ED*4X60L**	*9MX*1002116A**	TDR&TXV	46500	14				11.7	46500	3.68	28000	2.56	8.2
	ED*4X60L**	OLV154F20A	TDR&TXV	47500	14				11.7	47500	3.8	28600	2.62	8.5
	ED*4X60L**		TXV	47000			13.7		11.5	47500	3.72	28800	2.56	8.5
	EHD4X48A**	*8MV*0901716**	TDR&TXV	46000	14				11.7	46500	3.68	27600	2.56	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					SEER			EER	Heat 17°F (-8.3°C)				
					Standard	W/ field TDR	W/ field TXV		BTU/hr	COP	BTU/hr	COP	
TSH548GKA	EHD4X48A**	*8MV*1102120**	TDR&TXV	46000	14			11.7	46500	3.7	27600	2.58	8.2
	EHD4X48A**	*8MV*1352422**	TDR&TXV	46500	14.5			12	46000	3.72	27600	2.6	8.5
	EHD4X48A**	*8MX*0902116**	TDR&TXV	46500	14			11.7	46500	3.72	27800	2.58	8.5
	EHD4X48A**	*8MX*1102120**	TDR&TXV	46500	14.5			12	46000	3.74	27400	2.6	8.5
	EHD4X48A**	*8MX*1352420**	TDR&TXV	46500	14.5			12	46000	3.72	27600	2.58	8.5
	EHD4X48A**	*9MA*0602120A**	TDR&TXV	45500	13.7			11.7	46000	3.6	27600	2.52	8.2
	EHD4X48A**	*9MA*0802120A**	TDR&TXV	46000	14.2			12	46000	3.66	27400	2.56	8.2
	EHD4X48A**	*9MA*1002122A**	TDR&TXV	46500	14.5			12	46000	3.72	27600	2.58	8.2
	EHD4X48A**	*9MA*1202422A**	TDR&TXV	46000	14			11.7	46000	3.66	27400	2.56	8.2
	EHD4X48A**	*9MV*0802120A**	TDR&TXV	46000	14.2			12	46000	3.7	27600	2.58	8.2
	EHD4X48A**	*9MV*1002120A**	TDR&TXV	46000	14.2			12	46000	3.7	27600	2.58	8.2
	EHD4X48A**	*9MV*1202422A**	TDR&TXV	46000	14			11.7	46000	3.7	27600	2.58	8.2
	EHD4X48A**	*9MX*0802120A**	TDR&TXV	46500	14			11.7	46500	3.7	27800	2.58	8.2
	EHD4X48A**	*9MX*1002120A**	TDR&TXV	46500	14.2			12	46000	3.7	27600	2.58	8.2
	EHD4X48A**	*9MX*1202422A**	TDR&TXV	46500	14			11.7	46500	3.7	27600	2.58	8.2
	EHD4X48A**	MV16J22**B*	TDR&TXV	47000	15			12.5	46000	3.82	27400	2.64	8.5
	EHD4X48A**	MV20L24**B*	TDR&TXV	47000	15			12.5	46000	3.8	27400	2.64	8.5
	EHD4X48A**	*8MPV100	TDR&TXV	46500	14			11.7	46500	3.74	28000	2.58	8.5
	EHD4X48A**	*8MPV125	TDR&TXV	46500	14.5			12	46500	3.76	27800	2.6	8.5
	EHD4X48A**	*9MA*1002120A**	TDR&TXV	46000	14			11.5	46500	3.64	27600	2.54	8.2
	EHD4X48A**	*9MPV100	TDR&TXV	46500	13.7			11.5	47000	3.68	28200	2.56	8.2
	EHD4X48A**	*9MPV125	TDR&TXV	46500	14			11.7	46500	3.7	28000	2.58	8.2
	EHD4X48A**	*9MV*1002116A**	TDR&TXV	46000	13.7			11.5	46500	3.66	28000	2.54	8.2
	EHD4X48A**	*9MVX080	TDR&TXV	46500	13.5			11.5	47000	3.7	28200	2.56	8.2
	EHD4X48A**	*9MVX100	TDR&TXV	46500	14			11.7	46500	3.7	28000	2.56	8.2
	EHD4X48A**	*9MX*1002116A**	TDR&TXV	46000	14			11.5	46500	3.64	27800	2.54	8.2
	EHD4X48A**	OLV154F20A	TDR&TXV	47000	14			11.5	47500	3.76	28600	2.58	8.5
	EHD4X48A**		TXV	47000		13.7		11.5	47500	3.7	28600	2.56	8.5
	EHD4X60A**	*8MV*0901716**	TDR&TXV	47000	14.5			12	46500	3.74	27600	2.6	8.5
	EHD4X60A**	*8MV*1102120**	TDR&TXV	47000	14.5			12	46500	3.76	27600	2.62	8.5
	EHD4X60A**	*8MV*1352422**	TDR&TXV	47000	15			12.5	46000	3.78	27600	2.64	8.5
	EHD4X60A**	*8MX*0902116**	TDR&TXV	47500	14.5			12	46500	3.78	27800	2.62	8.5
	EHD4X60A**	*8MX*1102120**	TDR&TXV	47500	15			12.5	46500	3.82	27600	2.66	8.5
	EHD4X60A**	*8MX*1352420**	TDR&TXV	47500	14.5			12.2	46500	3.8	27800	2.64	8.5
	EHD4X60A**	*9MA*0602120A**	TDR&TXV	46500	14			11.7	46000	3.64	27600	2.56	8.2
	EHD4X60A**	*9MA*0802120A**	TDR&TXV	46500	14.5			12.2	46000	3.72	27400	2.6	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
					SEER				BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV	EER				
TSH548GKA	EHD4X60A**	*9MA*1002122A**	TDR&TXV	47000	14.5			12.2	46000	3.78	27600	2.62
	EHD4X60A**	*9MA*1202422A**	TDR&TXV	46500	14.5			12.2	46000	3.72	27400	2.6
	EHD4X60A**	*9MV*0801716A**	TDR&TXV	47000	14			11.5	47000	3.68	28200	2.56
	EHD4X60A**	*9MV*0802120A**	TDR&TXV	47000	14.5			12.2	46500	3.76	27800	2.62
	EHD4X60A**	*9MV*1002120A**	TDR&TXV	47000	14.5			12.2	46500	3.78	27600	2.62
	EHD4X60A**	*9MV*1202422A**	TDR&TXV	47000	14.5			12	46500	3.78	27800	2.62
	EHD4X60A**	*9MX*0801716A**	TDR&TXV	46500	14			11.5	47000	3.66	28200	2.56
	EHD4X60A**	*9MX*0802120A**	TDR&TXV	47000	14.5			12	46500	3.78	27800	2.62
	EHD4X60A**	*9MX*1002120A**	TDR&TXV	47000	14.5			12.2	46500	3.78	27800	2.62
	EHD4X60A**	*9MX*1202422A**	TDR&TXV	47500	14.5			12	46500	3.8	27800	2.62
	EHD4X60A**	MV16J22**B*	TDR&TXV	47500	15			12.5	46000	3.88	27400	2.68
	EHD4X60A**	MV20L24**B*	TDR&TXV	47500	15.2			12.5	46000	3.88	27400	2.68
	EHD4X60A**	*8MPV100	TDR&TXV	47500	14.5			12	47000	3.82	28200	2.64
	EHD4X60A**	*8MPV125	TDR&TXV	47500	14.5			12.2	47000	3.84	28000	2.64
	EHD4X60A**	*9MA*1002120A**	TDR&TXV	46500	14.5			12	46500	3.7	27600	2.58
	EHD4X60A**	*9MPV100	TDR&TXV	47500	14			11.7	47000	3.76	28200	2.6
	EHD4X60A**	*9MPV125	TDR&TXV	47500	14.5			12	47000	3.78	28200	2.62
	EHD4X60A**	*9MV*1002116A**	TDR&TXV	47000	14			11.7	47000	3.72	28200	2.58
	EHD4X60A**	*9MVX080	TDR&TXV	47500	14			11.7	47000	3.78	28400	2.6
	EHD4X60A**	*9MVX100	TDR&TXV	47000	14.5			12	47000	3.76	28000	2.6
	EHD4X60A**	*9MX*1002116A**	TDR&TXV	47000	14			11.7	46500	3.72	28000	2.58
	EHD4X60A**	OLV112A16A	TDR&TXV	47000	14			11.5	47000	3.7	28400	2.56
	EHD4X60A**	OLV154F20A	TDR&TXV	48000	14.5			11.7	47500	3.86	28600	2.64
	EHD4X60A**		TXV	47500		14		11.7	47500	3.76	28800	2.58
	EN(A,D)4X48*24**	*8MV*1352422**	TDR&TXV	46000	14.5			12	46000	3.7	27400	2.6
	EN(A,D)4X48*24**	*8MX*1352420**	TDR&TXV	46000	14			11.7	46000	3.72	27600	2.58
	EN(A,D)4X48*24**	*9MA*0602120A**	TDR&TXV	45500	14			11.5	46000	3.58	27400	2.52
	EN(A,D)4X48*24**	*9MA*0802120A**	TDR&TXV	45500	14.2			12	45500	3.64	27200	2.56
	EN(A,D)4X48*24**	*9MA*1002122A**	TDR&TXV	46000	14.5			12	46000	3.7	27400	2.58
	EN(A,D)4X48*24**	*9MA*1202422A**	TDR&TXV	45500	14			11.7	45500	3.64	27200	2.56
	EN(A,D)4X48*24**	*9MV*0802120A**	TDR&TXV	46000	14			11.7	46000	3.68	27600	2.56
	EN(A,D)4X48*24**	*9MV*1002120A**	TDR&TXV	46000	14.2			12	46000	3.7	27400	2.58
	EN(A,D)4X48*24**	*9MV*1202422A**	TDR&TXV	46000	14			11.7	46000	3.68	27600	2.58
	EN(A,D)4X48*24**	*9MX*0802120A**	TDR&TXV	46000	14			11.7	46500	3.7	27600	2.58
	EN(A,D)4X48*24**	*9MX*1002120A**	TDR&TXV	46000	14			11.7	46000	3.7	27600	2.58

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					SEER			EER	BTU/hr	COP	BTU/hr	COP	
					Standard	W/ field TDR	W/ field TXV						
TSH548GKA	EN(A,D)4X48*24**	*9MX*1202422A**	TDR&TXV	46000	14			11.7	46500	3.7	27600	2.58	8.2
	EN(A,D)4X48*24**	MV16J22**B*	TDR&TXV	46500	15			12.5	46000	3.78	27200	2.64	8.5
	EN(A,D)4X48*24**	MV20L24**B*	TDR&TXV	46500	15			12.5	46000	3.78	27200	2.64	8.5
	EN(A,D)4X48*24**	*8MPV100	TDR&TXV	46500	14			11.7	46500	3.72	28000	2.58	8.5
	EN(A,D)4X48*24**	*8MPV125	TDR&TXV	46500	14			11.7	46500	3.74	27800	2.6	8.5
	EN(A,D)4X48*24**	*9MA*1002120A**	TDR&TXV	45500	14			11.5	46000	3.62	27600	2.54	8.2
	EN(A,D)4X48*24**	*9MPV100	TDR&TXV	46000	13.7			11.5	46500	3.68	28000	2.56	8.2
	EN(A,D)4X48*24**	*9MPV125	TDR&TXV	46000	14			11.7	46500	3.7	28000	2.56	8.2
	EN(A,D)4X48*24**	*9MV*1002116A**	TDR&TXV	46000	13.7			11.5	46500	3.64	28000	2.54	8.2
	EN(A,D)4X48*24**	*9MVX080	TDR&TXV	46000	14			11.5	47000	3.68	28200	2.56	8.2
	EN(A,D)4X48*24**	*9MVX100	TDR&TXV	46000	14			11.7	46500	3.68	27800	2.56	8.2
	EN(A,D)4X48*24**	*9MX*1002116A**	TDR&TXV	46000	14			11.5	46500	3.64	27800	2.54	8.2
	EN(A,D)4X48*24**	OLV154F20A	TDR&TXV	47000	14			11.5	47500	3.74	28400	2.58	8.5
	EN(A,D)4X48*24**		TXV	46500		13.5		11.2	47500	3.66	28600	2.54	8.2
	EN(A,D)4X61*24**	*8MV*1102120**	TDR&TXV	47500	14.5			12.5	46000	3.82	27600	2.64	8.5
	EN(A,D)4X61*24**	*8MV*1352422**	TDR&TXV	47500	15			12.5	46500	3.84	27600	2.66	8.5
	EN(A,D)4X61*24**	*8MX*1352420**	TDR&TXV	47500	15			12.5	46500	3.86	27800	2.66	8.7
	EN(A,D)4X61*24**	*9MA*1202422A**	TDR&TXV	47000	15			12.5	46000	3.78	27400	2.62	8.5
	EN(A,D)4X61*24**	*9MV*1202422A**	TDR&TXV	47000	15			12.5	46000	3.8	27400	2.64	8.5
	EN(A,D)4X61*24**	*9MX*1202422A**	TDR&TXV	47500	14.5			12	46000	3.84	28000	2.64	8.5
	EN(A,D)4X61*24**	MV16J22**B*	TDR&TXV	48000	15.2			12.5	46500	3.92	27400	2.7	8.7
	EN(A,D)4X61*24**	MV20L24**B*	TDR&TXV	48000	15.2			12.5	46000	3.92	27400	2.72	9
	EN(A,D)4X61*24**	*8MPV100	TDR&TXV	48000	14.5			12.2	47000	3.88	28200	2.66	8.7
	EN(A,D)4X61*24**	*8MPV125	TDR&TXV	48000	14.5			12.2	47000	3.88	28000	2.66	8.7
	EN(A,D)4X61*24**	*9MA*1002120A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6	8.5
	EN(A,D)4X61*24**	*9MPV100	TDR&TXV	47500	14.5			12	47000	3.82	28400	2.62	8.5
	EN(A,D)4X61*24**	*9MPV125	TDR&TXV	47500	14.5			12	47000	3.84	28200	2.64	8.5
	EN(A,D)4X61*24**	*9MV*1002116A**	TDR&TXV	47000	14.5			12	46500	3.74	27600	2.6	8.5
	EN(A,D)4X61*24**	*9MVX080	TDR&TXV	47500	14.5			12	47500	3.82	28400	2.62	8.5
	EN(A,D)4X61*24**	*9MVX100	TDR&TXV	47500	14.5			12	47000	3.82	28000	2.62	8.5
	EN(A,D)4X61*24**	*9MX*1002116A**	TDR&TXV	47000	14			11.7	46000	3.76	28000	2.6	8.5
	EN(A,D)4X61*24**	OLV112A16A	TDR&TXV	47000	14			11.7	47500	3.74	28400	2.58	8.5
	EN(A,D)4X61*24**	OLV154F20A	TDR&TXV	48500	14.5			12	47500	3.88	28600	2.64	8.7
	EN(A,D)4X61*24**		TXV	48000		14		11.7	48000	3.78	28800	2.58	8.5
	EN(A,D,W)4X48*21**	*8MV*1102120**	TDR&TXV	46000	14			11.7	46000	3.68	27400	2.58	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
					SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV					
TSH548GKA	EN(A,D,W)4X48*21**	*8MX*0902116**	TDR&TXV	46000	14			11.7	46500	3.7	27800	2.58
	EN(A,D,W)4X48*21**	*8MX*1102120**	TDR&TXV	46000	14.5			12	46000	3.72	27400	2.6
	EN(A,D,W)4X48*21**	*9MA*0602120A**	TDR&TXV	45500	14			11.5	46000	3.58	27400	2.52
	EN(A,D,W)4X48*21**	*9MA*0802120A**	TDR&TXV	45500	14.2			12	45500	3.64	27200	2.56
	EN(A,D,W)4X48*21**	*9MA*1002122A**	TDR&TXV	46000	14.5			12	46000	3.7	27400	2.58
	EN(A,D,W)4X48*21**	*9MV*0801716A**	TDR&TXV	45500	13.5			11.2	46500	3.6	28000	2.5
	EN(A,D,W)4X48*21**	*9MV*0802120A**	TDR&TXV	46000	14			11.7	46000	3.68	27600	2.56
	EN(A,D,W)4X48*21**	*9MV*1002120A**	TDR&TXV	46000	14.2			12	46000	3.7	27400	2.58
	EN(A,D,W)4X48*21**	*9MX*0801716A**	TDR&TXV	45500	13.5			11.2	46500	3.58	28000	2.5
	EN(A,D,W)4X48*21**	*9MX*0802120A**	TDR&TXV	46000	14			11.7	46500	3.7	27600	2.58
	EN(A,D,W)4X48*21**	*9MX*1002120A**	TDR&TXV	46000	14			11.7	46000	3.7	27600	2.58
	EN(A,D,W)4X48*21**	MV16J22**B*	TDR&TXV	46500	15			12.5	46000	3.78	27200	2.64
	EN(A,D,W)4X48*21**	*8MPV100	TDR&TXV	46500	14			11.7	46500	3.72	28000	2.58
	EN(A,D,W)4X48*21**	*8MPV125	TDR&TXV	46500	14			11.7	46500	3.74	27800	2.6
	EN(A,D,W)4X48*21**	*9MA*1002120A**	TDR&TXV	45500	14			11.5	46000	3.62	27600	2.54
	EN(A,D,W)4X48*21**	*9MPV100	TDR&TXV	46000	13.7			11.5	46500	3.68	28000	2.56
	EN(A,D,W)4X48*21**	*9MV*1002116A**	TDR&TXV	46000	13.7			11.5	46500	3.64	28000	2.54
	EN(A,D,W)4X48*21**	*9MVX080	TDR&TXV	46000	14			11.5	47000	3.68	28200	2.56
	EN(A,D,W)4X48*21**	*9MX*1002116A**	TDR&TXV	46000	14			11.5	46500	3.64	27800	2.54
	EN(A,D,W)4X48*21**		TXV	46500		13.5		11.2	47500	3.66	28600	2.54
	EN(A,D,W)4X60*24**	*8MV*1352422**	TDR&TXV	47000	14.5			12.2	46000	3.76	27400	2.62
	EN(A,D,W)4X60*24**	*8MX*1352420**	TDR&TXV	47000	14.5			12	46500	3.76	27800	2.62
	EN(A,D,W)4X60*24**	*9MA*0602120A**	TDR&TXV	46000	14			11.7	46000	3.62	27600	2.56
	EN(A,D,W)4X60*24**	*9MA*0802120A**	TDR&TXV	46500	14.5			12	46000	3.68	27400	2.6
	EN(A,D,W)4X60*24**	*9MA*1002122A**	TDR&TXV	46500	14.5			12.2	46000	3.74	27600	2.62
	EN(A,D,W)4X60*24**	*9MA*1202422A**	TDR&TXV	46500	14.5			12	46000	3.68	27400	2.6
	EN(A,D,W)4X60*24**	*9MV*0802120A**	TDR&TXV	46500	14.5			12	46000	3.72	27600	2.6
	EN(A,D,W)4X60*24**	*9MV*1002120A**	TDR&TXV	47000	14.5			12.2	46000	3.74	27600	2.62
	EN(A,D,W)4X60*24**	*9MV*1202422A**	TDR&TXV	47000	14.5			12	46500	3.74	27600	2.6
	EN(A,D,W)4X60*24**	*9MX*0802120A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6
	EN(A,D,W)4X60*24**	*9MX*1202422A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.62
	EN(A,D,W)4X60*24**	MV16J22**B*	TDR&TXV	47000	15			12.5	46000	3.84	27400	2.68
	EN(A,D,W)4X60*24**	MV20L24**B*	TDR&TXV	47000	15			12.5	46000	3.84	27400	2.68
	EN(A,D,W)4X60*24**	*8MPV100	TDR&TXV	47500	14.5			12	47000	3.78	28000	2.62

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models													
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.													
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				HSPF
					SEER			EER	Heat 17°F (-8.3°C)				
					Standard	TDR	W/ field TXV		BTU/hr	COP	BTU/hr	COP	
TSH548GKA	EN(A,D,W)4X60*24**	*8MPV125	TDR&TXV	47500	14.5			12	3.8	28000	2.64	8.5	
	EN(A,D,W)4X60*24**	*9MA*1002120A**	TDR&TXV	46500	14			11.7	3.66	27600	2.56	8.2	
	EN(A,D,W)4X60*24**	*9MPV100	TDR&TXV	47000	14			11.7	3.72	28200	2.58	8.5	
	EN(A,D,W)4X60*24**	*9MPV125	TDR&TXV	47000	14			11.7	3.74	28000	2.6	8.5	
	EN(A,D,W)4X60*24**	*9MV*1002116A**	TDR&TXV	46500	14			11.7	3.68	28200	2.56	8.2	
	EN(A,D,W)4X60*24**	*9MVX080	TDR&TXV	47000	14			11.7	3.72	28200	2.58	8.5	
	EN(A,D,W)4X60*24**	*9MVX100	TDR&TXV	47000	14			11.7	3.72	28000	2.6	8.5	
	EN(A,D,W)4X60*24**	*9MX*1002116A**	TDR&TXV	46500	14			11.7	3.68	28000	2.56	8.2	
	EN(A,D,W)4X60*24**	OLV154F20A	TDR&TXV	47500	14			11.7	3.8	28600	2.62	8.5	
	EN(A,D,W)4X60*24**		TXV	47000		13.7		11.5	3.7	28600	2.56	8.5	
	ENH4X48*21**	*8MV*0901716**	TDR&TXV	46000	14			11.7	3.66	27600	2.56	8.2	
	ENH4X48*21**	*8MV*1102120**	TDR&TXV	46000	14			11.7	3.68	27400	2.58	8.2	
	ENH4X48*21**	*8MV*1352422**	TDR&TXV	46000	14.5			12	3.7	27400	2.6	8.2	
	ENH4X48*21**	*8MX*0902116**	TDR&TXV	46000	14			11.7	3.7	27800	2.58	8.2	
	ENH4X48*21**	*8MX*1102120**	TDR&TXV	46000	14.5			12	3.72	27400	2.6	8.5	
	ENH4X48*21**	*8MX*1352420**	TDR&TXV	46000	14.5			12	3.72	27600	2.58	8.2	
	ENH4X48*21**	*9MA*0602120A**	TDR&TXV	45500	13.7			11.5	3.58	27400	2.52	8.2	
	ENH4X48*21**	*9MA*0802120A**	TDR&TXV	45500	14.2			12	3.64	27200	2.56	8.2	
	ENH4X48*21**	*9MA*1002122A**	TDR&TXV	46000	14.5			12	3.7	27400	2.58	8.2	
	ENH4X48*21**	*9MA*1202422A**	TDR&TXV	45500	14			11.7	3.64	27200	2.56	8.2	
	ENH4X48*21**	*9MV*0801716A**	TDR&TXV	45500	13.5			11.2	3.6	28000	2.5	8.2	
	ENH4X48*21**	*9MV*0802120A**	TDR&TXV	46000	14			11.7	3.68	27600	2.56	8.2	
	ENH4X48*21**	*9MV*1002120A**	TDR&TXV	46000	14.2			12	3.7	27400	2.58	8.2	
	ENH4X48*21**	*9MV*1202422A**	TDR&TXV	46000	14.2			11.7	3.68	27600	2.58	8.2	
	ENH4X48*21**	*9MX*0801716A**	TDR&TXV	45500	13.5			11.2	3.58	28000	2.5	8.2	
	ENH4X48*21**	*9MX*0802120A**	TDR&TXV	46000	14			11.7	3.7	27600	2.58	8.2	
	ENH4X48*21**	*9MX*1002120A**	TDR&TXV	46000	14			11.7	3.7	27600	2.58	8.2	
	ENH4X48*21**	*9MX*1202422A**	TDR&TXV	46000	14			11.7	3.7	27600	2.58	8.2	
	ENH4X48*21**	MV16J22**B*	TDR&TXV	46500	15			12.5	3.78	27200	2.64	8.5	
	ENH4X48*21**	MV20L24**B*	TDR&TXV	46500	15			12.5	3.78	27200	2.64	8.5	
	ENH4X48*21**	*8MPV100	TDR&TXV	46500	14			11.7	3.72	28000	2.58	8.5	
	ENH4X48*21**	*8MPV125	TDR&TXV	46500	14			11.7	3.74	27800	2.6	8.5	
	ENH4X48*21**	*9MA*1002120A**	TDR&TXV	45500	14			11.5	3.62	27600	2.54	8.2	
	ENH4X48*21**	*9MPV100	TDR&TXV	46000	13.7			11.5	3.68	28000	2.56	8.2	
	ENH4X48*21**	*9MPV125	TDR&TXV	46000	14			11.7	3.7	28000	2.56	8.2	

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)	
					SEER			EER	BTU/hr	COP	BTU/hr	COP
					Standard	W/ field TDR	W/ field TXV					
TSH548GKA	ENH4X48*21**	*9MV*1002116A**	TDR&TXV	46000	13.7			11.5	46500	3.64	28000	2.54
	ENH4X48*21**	*9MVX080	TDR&TXV	46000	13.5			11.5	47000	3.68	28200	2.56
	ENH4X48*21**	*9MVX100	TDR&TXV	46000	14			11.7	46500	3.68	27800	2.56
	ENH4X48*21**	*9MX*1002116A**	TDR&TXV	46000	14			11.5	46500	3.64	27800	2.54
	ENH4X48*21**	OLV154F20A	TDR&TXV	47000	14			11.5	47500	3.74	28400	2.58
	ENH4X48*21**		TXV	46500		13.5		11.2	47500	3.66	28600	2.54
	ENH4X60*24**	*8MV*0901716**	TDR&TXV	46500	14.5			12	46000	3.7	27600	2.6
	ENH4X60*24**	*8MV*1102120**	TDR&TXV	46500	14.5			12	46000	3.72	27600	2.6
	ENH4X60*24**	*8MV*1352422**	TDR&TXV	47000	14.5			12.2	46000	3.76	27400	2.62
	ENH4X60*24**	*8MX*0902116**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.62
	ENH4X60*24**	*8MX*1102120**	TDR&TXV	47000	14.5			12.5	46000	3.78	27600	2.64
	ENH4X60*24**	*8MX*1352420**	TDR&TXV	47000	14.5			12	46500	3.76	27800	2.62
	ENH4X60*24**	*9MA*0602120A**	TDR&TXV	46000	14			11.7	46000	3.62	27600	2.56
	ENH4X60*24**	*9MA*0802120A**	TDR&TXV	46500	14.5			12	46000	3.68	27400	2.6
	ENH4X60*24**	*9MA*1002122A**	TDR&TXV	46500	14.5			12.2	46000	3.74	27600	2.62
	ENH4X60*24**	*9MA*1202422A**	TDR&TXV	46500	14.5			12	46000	3.68	27400	2.6
	ENH4X60*24**	*9MV*0801716A**	TDR&TXV	46500	13.7			11.5	47000	3.64	28200	2.54
	ENH4X60*24**	*9MV*0802120A**	TDR&TXV	46500	14.5			12	46000	3.72	27600	2.6
	ENH4X60*24**	*9MV*1002120A**	TDR&TXV	47000	14.5			12.2	46000	3.74	27600	2.62
	ENH4X60*24**	*9MV*1202422A**	TDR&TXV	47000	14.5			12	46500	3.74	27600	2.6
	ENH4X60*24**	*9MX*0801716A**	TDR&TXV	46500	13.7			11.5	46500	3.64	28200	2.54
	ENH4X60*24**	*9MX*0802120A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.6
	ENH4X60*24**	*9MX*1002120A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.62
	ENH4X60*24**	*9MX*1202422A**	TDR&TXV	47000	14.5			12	46500	3.74	27800	2.62
	ENH4X60*24**	MV16J22**B*	TDR&TXV	47000	15			12.5	46000	3.84	27400	2.68
	ENH4X60*24**	MV20L24**B*	TDR&TXV	47000	15			12.5	46000	3.84	27400	2.68
	ENH4X60*24**	*8MPV100	TDR&TXV	47500	14.5			12	47000	3.78	28000	2.62
	ENH4X60*24**	*8MPV125	TDR&TXV	47500	14.5			12	46500	3.8	28000	2.64
	ENH4X60*24**	*9MA*1002120A**	TDR&TXV	46500	14.2			11.7	46000	3.66	27600	2.56
	ENH4X60*24**	*9MPV100	TDR&TXV	47000	14			11.7	47000	3.72	28200	2.58
	ENH4X60*24**	*9MPV125	TDR&TXV	47000	14			11.7	46500	3.74	28000	2.6
	ENH4X60*24**	*9MV*1002116A**	TDR&TXV	46500	14			11.7	47000	3.68	28200	2.56
	ENH4X60*24**	*9MVX080	TDR&TXV	47000	14			11.7	47000	3.72	28200	2.58
	ENH4X60*24**	*9MVX100	TDR&TXV	47000	14			11.7	46500	3.72	28000	2.6
	ENH4X60*24**	*9MX*1002116A**	TDR&TXV	46500	14			11.7	46500	3.68	28000	2.56

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models														
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.														
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)				Heat 17°F (-8.3°C)	
					SEER			EER	BTU/hr	COP	BTU/hr	COP		
					Standard	W/ field TDR	W/ field TXV							
TSH548GKA	ENH4X60*24**	OLV154F20A	TDR&TXV	47500	14			11.7	47500	3.8	28600	2.62	8.5	
	ENH4X60*24**		TXV	47000		13.7		11.5	47500	3.7	28600	2.56	8.5	
	ENH4X61*24**	*8MV*0901716**	TDR&TXV	47000	14.5			12	46000	3.74	27800	2.6	8.5	
	ENH4X61*24**	*8MV*1102120**	TDR&TXV	47000	14.5			12	46000	3.76	27800	2.62	8.5	
	ENH4X61*24**	*8MV*1352422**	TDR&TXV	47000	14.5			12.2	46000	3.78	27600	2.64	8.5	
	ENH4X61*24**	*8MX*0902116**	TDR&TXV	47000	14.5			12	46000	3.78	27800	2.62	8.5	
	ENH4X61*24**	*8MX*1102120**	TDR&TXV	47000	14.5			12.5	46000	3.8	27600	2.64	8.5	
	ENH4X61*24**	*8MX*1352420**	TDR&TXV	47000	14.5			12	46000	3.78	27800	2.62	8.5	
	ENH4X61*24**	*9MA*1202422A**	TDR&TXV	46500	14.5			12	46000	3.72	27400	2.6	8.5	
	ENH4X61*24**	*9MV*0801716A**	TDR&TXV	46000	14			11.7	46000	3.64	27600	2.56	8.2	
	ENH4X61*24**	*9MV*1202422A**	TDR&TXV	46500	14.5			12	46000	3.72	27200	2.6	8.5	
	ENH4X61*24**	*9MX*1202422A**	TDR&TXV	47000	14.5			12	46000	3.78	27800	2.62	8.5	
	ENH4X61*24**	MV16J22**B*	TDR&TXV	47500	15			12.5	46000	3.88	27400	2.68	8.7	
	ENH4X61*24**	MV20L24**B*	TDR&TXV	47500	15			12.5	46000	3.88	27400	2.68	8.7	
	ENH4X61*24**	*8MPV100	TDR&TXV	47500	14.5			12	46000	3.82	28200	2.62	8.5	
	ENH4X61*24**	*8MPV125	TDR&TXV	47500	14.5			12.2	46000	3.82	28000	2.64	8.5	
	ENH4X61*24**	*9MA*1002120A**	TDR&TXV	46500	14			11.7	46000	3.68	27800	2.58	8.2	
	ENH4X61*24**	*9MPV100	TDR&TXV	47000	14			11.7	46000	3.76	28200	2.6	8.5	
	ENH4X61*24**	*9MPV125	TDR&TXV	47000	14			11.7	46000	3.78	28200	2.6	8.5	
	ENH4X61*24**	*9MV*1002116A**	TDR&TXV	46500	14			11.7	46000	3.68	27600	2.58	8.2	
	ENH4X61*24**	*9MVX080	TDR&TXV	47000	14			11.7	46500	3.76	28400	2.6	8.5	
	ENH4X61*24**	*9MVX100	TDR&TXV	47000	14			12	46500	3.76	28000	2.6	8.5	
	ENH4X61*24**	*9MX*1002116A**	TDR&TXV	46500	14			11.7	46000	3.7	28000	2.58	8.2	
	ENH4X61*24**	OLV154F20A	TDR&TXV	48000	14			11.7	46500	3.84	28600	2.62	8.5	
	ENH4X61*24**		TXV	47500		14		11.7	47000	3.76	28800	2.58	8.5	
2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.														

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					SEER			EER	BTU/hr	COP	BTU/hr	COP	
					Standard	W/ field TDR	W/ field TXV						
TSH560GKA	*FXM4X60***A*		TDR&TXV	58000	15			12.5	57500	3.84	35400	2.68	8.5
	FCM4X60****		TDR&TXV	58000	15			12.5	57500	3.84	35400	2.68	8.5
	FEM4X60****		TDR&TXV	57500	14.5			12	57500	3.8	35600	2.66	8.5
	FEM4X60**B*		TDR&TXV	55500	14			11.7	57500	3.66	35800	2.58	8.2
	FS(M,U)4X60**A*		TDR&TXV	56000	13.5			11.5	58500	3.66	36400	2.56	8.2
	FVM4X60****		TDR&TXV	58000	15			12.5	57500	3.84	35400	2.68	8.5
	EA*4X60*21A*	*8MV*1102120**	TDR&TXV	55500	14			11.7	57500	3.66	36000	2.58	8.2
	EA*4X60*21A*	*8MX*1102120**	TDR&TXV	55500	14.2			12	57000	3.7	35600	2.62	8.2
	EA*4X60*21A*	*9MA*1002122A**	TDR&TXV	56500	14			11.7	57500	3.66	35800	2.58	8.2
	EA*4X60*21A*	*9MV*1002120A**	TDR&TXV	56500	13.7			11.7	57500	3.64	36000	2.58	8.2
	EA*4X60*21A*	*9MX*0802120A**	TDR&TXV	56000	13.7			11.7	57500	3.62	35600	2.56	8
	EA*4X60*21A*	MV16J22**B*	TDR&TXV	57000	14.5			12.2	57500	3.78	35600	2.64	8.2
	EA*4X60*21A*	*8MPV125	TDR&TXV	57000	14			11.7	58000	3.68	36200	2.58	8.2
	EA*4X60*21A*		TXV	55500		13.7		11.7	58000	3.66	36200	2.58	8.2
	EA*4X60*24A*	*8MV*1352422**	TDR&TXV	55500	14			12	57500	3.7	35600	2.62	8.2
	EA*4X60*24A*	*8MX*1352420**	TDR&TXV	55500	14			12	57000	3.68	35600	2.6	8.2
	EA*4X60*24A*	*9MA*0802120A**	TDR&TXV	56000	13.7			11.7	57000	3.6	35600	2.56	8
	EA*4X60*24A*	*9MA*1002122A**	TDR&TXV	56500	14			11.7	57500	3.68	35800	2.58	8.2
	EA*4X60*24A*	*9MA*1202422A**	TDR&TXV	56500	14			11.7	57500	3.66	35600	2.58	8.2
	EA*4X60*24A*	*9MV*1002120A**	TDR&TXV	56500	13.7			11.7	57500	3.66	36000	2.58	8.2
	EA*4X60*24A*	*9MV*1202422A**	TDR&TXV	56500	14			11.7	57000	3.66	35400	2.58	8.2
	EA*4X60*24A*	*9MX*0802120A**	TDR&TXV	56500	13.7			11.7	57500	3.64	35800	2.56	8.2
	EA*4X60*24A*	*9MX*1002120A**	TDR&TXV	56500	13.7			11.7	58000	3.66	36000	2.58	8.2
	EA*4X60*24A*	*9MX*1202422A**	TDR&TXV	56500	14			11.7	57500	3.66	35600	2.58	8.2
	EA*4X60*24A*	MV16J22**B*	TDR&TXV	57500	14.5			12.2	57500	3.78	35400	2.66	8.2
	EA*4X60*24A*	MV20L24**B*	TDR&TXV	57500	14.5			12.2	57500	3.78	35400	2.66	8.2
	EA*4X60*24A*	*8MPV125	TDR&TXV	57000	14			11.7	58000	3.7	36200	2.58	8.2
	EA*4X60*24A*	OLV154F20A	TDR&TXV	56500	13			12	57500	3.68	35600	2.6	8.2
	EA*4X60*24A*		TXV	55500		13.7		11.7	58000	3.66	36200	2.58	8.2
	ED*4X60J**	*8MV*1102120**	TDR&TXV	56500	14			11.7	57500	3.64	36000	2.58	8.2
	ED*4X60J**	*8MV*1352422**	TDR&TXV	56500	14			12	57500	3.7	35600	2.6	8.2
	ED*4X60J**	*8MX*1102120**	TDR&TXV	56500	14			12	57500	3.7	35600	2.6	8.2
	ED*4X60J**	*8MX*1352420**	TDR&TXV	56500	14			11.7	57000	3.66	35600	2.58	8.2
	ED*4X60J**	*9MA*1002122A**	TDR&TXV	56500	14			11.7	57500	3.66	35800	2.58	8.2
	ED*4X60J**	*9MA*1202422A**	TDR&TXV	56500	14			11.7	57500	3.64	35800	2.58	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models												
For complete ratings information, use the AHRI website directory search: www.AHRI.directory.org . New ratings may be listed online before Specification Sheets are updated.												
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			
					SEER			EER	BTU/hr	COP	Heat 17°F (-8.3°C)	
					Standard	W/ field	W/ field				BTU/hr	HSPF
TSH560GKA	ED*4X60J**	*9MV*1002120A**	TDR&TXV	56500	13.7			11.7	57500	3.64	36000	8.2
	ED*4X60J**	*9MV*1202422A**	TDR&TXV	56000	14			11.7	57000	3.64	35400	8.2
	ED*4X60J**	*9MX*0802120A**	TDR&TXV	56000	13.7			11.7	57500	3.62	35600	8
	ED*4X60J**	*9MX*1202422A**	TDR&TXV	56500	14			11.7	57500	3.64	35600	8.2
	ED*4X60J**	MV16J22**B*	TDR&TXV	57000	14.5			12.2	57500	3.78	35600	8.2
	ED*4X60J**	MV20L24**B*	TDR&TXV	57000	14.5			12.2	57500	3.78	35600	8.2
	ED*4X60J**	*8MPV125	TDR&TXV	57000	14			11.7	58000	3.68	36200	8.2
	ED*4X60J**		TXV	56500		13.7		11.7	58000	3.66	36200	8.2
	ED*4X60L**	*9MA*0802120A**	TDR&TXV	56000	13.7			11.7	57000	3.6	35600	8
	ED*4X60L**	*9MA*1002122A**	TDR&TXV	56500	14			11.7	57500	3.68	35800	8.2
	ED*4X60L**	*9MA*1202422A**	TDR&TXV	56500	14			11.7	57500	3.66	35600	8.2
	ED*4X60L**	*9MV*1002120A**	TDR&TXV	56500	13.7			11.7	57500	3.66	36000	8.2
	ED*4X60L**	*9MV*1202422A**	TDR&TXV	56500	14			11.7	57000	3.66	35400	8.2
	ED*4X60L**	*9MX*0802120A**	TDR&TXV	56500	13.7			11.7	57500	3.64	35800	8.2
	ED*4X60L**	*9MX*1002120A**	TDR&TXV	56500	13.7			11.7	58000	3.66	36000	8.2
	ED*4X60L**	*9MX*1202422A**	TDR&TXV	56500	14			11.7	57500	3.66	35600	8.2
	ED*4X60L**	MV16J22**B*	TDR&TXV	57500	14.5			12.2	57500	3.78	35400	8.2
	ED*4X60L**	MV20L24**B*	TDR&TXV	57500	14.5			12.2	57500	3.78	35400	8.2
	ED*4X60L**	*8MPV125	TDR&TXV	57000	14			11.7	58000	3.7	36200	8.2
	ED*4X60L**	*9MVX100	TDR&TXV	55500	13.5			11.5	58000	3.64	36400	8.2
	ED*4X60L**	OLV154F20A	TDR&TXV	56500	13			12	57500	3.68	35600	8.2
	ED*4X60L**		TXV	55500		13.7		11.7	58000	3.66	36200	8.2
	EHD4X60A**	*8MV*1102120**	TDR&TXV	56000	14			11.7	57500	3.72	35800	8.2
	EHD4X60A**	*8MV*1352422**	TDR&TXV	56000	14.5			12	57500	3.76	35600	8.2
	EHD4X60A**	*8MX*1102120**	TDR&TXV	56000	14.5			12	57500	3.76	35600	8.2
	EHD4X60A**	*8MX*1352420**	TDR&TXV	56000	14			12	57500	3.72	35600	8.2
	EHD4X60A**	*9MA*0802120A**	TDR&TXV	56500	14			11.7	57500	3.64	35600	8.2
	EHD4X60A**	*9MA*1002122A**	TDR&TXV	57000	14			12	57500	3.72	35800	8.2
	EHD4X60A**	*9MA*1202422A**	TDR&TXV	56500	14			12	57500	3.7	35600	8.2
	EHD4X60A**	*9MV*1002120A**	TDR&TXV	57000	14			11.7	58000	3.7	36000	8.2
	EHD4X60A**	*9MV*1202422A**	TDR&TXV	56500	14			12	57000	3.7	35600	8.2
	EHD4X60A**	*9MX*0802120A**	TDR&TXV	56500	14			11.7	57500	3.68	35800	8.2
	EHD4X60A**	*9MX*1002120A**	TDR&TXV	57000	13.7			11.7	58000	3.7	36200	8.2
	EHD4X60A**	*9MX*1202422A**	TDR&TXV	57000	14			11.7	57500	3.7	35600	8.2
	EHD4X60A**	MV16J22**B*	TDR&TXV	57500	14.7			12.5	57500	3.84	35400	8.5
	EHD4X60A**	MV20L24**B*	TDR&TXV	57500	14.7			12.5	57500	3.84	35400	8.5

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)		Heat 17°F (-8.3°C)		HSPF
					SEER			EER	BTU/hr	COP	BTU/hr	COP	
					Standard	W/ field TDR	W/ field TXV						
TSH560GKA	EHD4X60A**	*8MPV125	TDR&TXV	57500	14			11.7	58000	3.74	36200	2.62	8.2
	EHD4X60A**	*9MVX080	TDR&TXV	56000	13.2			11.2	59000	3.66	36800	2.56	8.2
	EHD4X60A**	*9MVX100	TDR&TXV	55500	13.5			11.5	58500	3.68	36400	2.58	8.2
	EHD4X60A**	OLV154F20A	TDR&TXV	57000	14.5			12	57500	3.74	35600	2.62	8.2
	EHD4X60A**		TXV	55500		13.7		11.7	58000	3.7	36200	2.6	8.2
	EN(A,D)4X61*24**	*8MV*1352422**	TDR&TXV	56500	14.5			12.2	57500	3.8	35600	2.66	8.2
	EN(A,D)4X61*24**	*8MX*1352420**	TDR&TXV	56500	14.5			12	57500	3.78	35800	2.64	8.2
	EN(A,D)4X61*24**	*9MA*1202422A**	TDR&TXV	57000	14.2			12	57500	3.74	35800	2.62	8.2
	EN(A,D)4X61*24**	*9MV*1202422A**	TDR&TXV	57000	14.5			12	57500	3.74	35600	2.62	8.2
	EN(A,D)4X61*24**	*9MX*1202422A**	TDR&TXV	57000	14.2			12	57500	3.74	35800	2.62	8.2
	EN(A,D)4X61*24**	MV16J22**B*	TDR&TXV	58000	15			12.5	57500	3.88	35600	2.7	8.7
	EN(A,D)4X61*24**	MV20L24**B*	TDR&TXV	58000	15			12.5	57500	3.88	35600	2.7	8.7
	EN(A,D)4X61*24**	*8MPV125	TDR&TXV	58000	14			11.7	58500	3.78	36400	2.62	8.2
	EN(A,D)4X61*24**	*9MVX100	TDR&TXV	57500	13.7			11.5	58500	3.72	36600	2.6	8.2
	EN(A,D)4X61*24**	OLV154F20A	TDR&TXV	57500	14.5			12	57500	3.78	35600	2.64	8.2
	EN(A,D)4X61*24**		TXV	56500		14		12	58000	3.74	36200	2.6	8.2
	EN(A,D,W)4X60*24**	*8MV*1352422**	TDR&TXV	55500	14.5			12	57000	3.7	35400	2.62	8.2
	EN(A,D,W)4X60*24**	*8MX*1352420**	TDR&TXV	55500	14			12	57000	3.68	35600	2.6	8.2
	EN(A,D,W)4X60*24**	*9MA*0802120A**	TDR&TXV	56000	13.7			11.7	57000	3.6	35600	2.56	8
	EN(A,D,W)4X60*24**	*9MA*1002122A**	TDR&TXV	56500	14			11.7	57500	3.66	35600	2.58	8.2
	EN(A,D,W)4X60*24**	*9MA*1202422A**	TDR&TXV	56500	14			11.7	57000	3.66	35600	2.58	8.2
	EN(A,D,W)4X60*24**	*9MV*1002120A**	TDR&TXV	56000	13.7			11.7	57500	3.66	36000	2.58	8.2
	EN(A,D,W)4X60*24**	*9MV*1202422A**	TDR&TXV	56000	14			11.7	57000	3.66	35400	2.58	8.2
	EN(A,D,W)4X60*24**	*9MX*0802120A**	TDR&TXV	56000	14			11.7	57000	3.62	35600	2.56	8
	EN(A,D,W)4X60*24**	*9MX*1002120A**	TDR&TXV	56500	13.7			11.7	57500	3.66	36000	2.58	8.2
	EN(A,D,W)4X60*24**	*9MX*1202422A**	TDR&TXV	56500	14			11.7	57000	3.66	35600	2.58	8.2
	EN(A,D,W)4X60*24**	MV16J22**B*	TDR&TXV	57000	14.5			12.5	57000	3.78	35400	2.66	8.2
	EN(A,D,W)4X60*24**	MV20L24**B*	TDR&TXV	57000	14.5			12.5	57000	3.78	35400	2.66	8.2
	EN(A,D,W)4X60*24**	*8MPV125	TDR&TXV	57000	14			11.7	58000	3.68	36200	2.58	8.2
	EN(A,D,W)4X60*24**	*9MVX100	TDR&TXV	56500	13.5			11.5	58000	3.62	36400	2.56	8.2
	EN(A,D,W)4X60*24**	OLV154F20A	TDR&TXV	56500	14.2			12	57000	3.68	35600	2.6	8.2
	EN(A,D,W)4X60*24**		TXV	55500		13.7		11.7	57500	3.66	36000	2.58	8.2
	ENH4X60*24**	*8MV*1102120**	TDR&TXV	55500	14			11.7	57500	3.66	35800	2.58	8.2
	ENH4X60*24**	*8MV*1352422**	TDR&TXV	55500	14.5			12	57000	3.7	35400	2.62	8.2
	ENH4X60*24**	*8MX*1102120**	TDR&TXV	55500	14			12	57000	3.7	35600	2.62	8.2
	ENH4X60*24**	*8MX*1352420**	TDR&TXV	55500	14			12	57000	3.68	35600	2.6	8.2

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS (continued) Indoor Models												
For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org . New ratings may be listed online before Specification Sheets are updated.												
Outdoor Model	Indoor Model	Furnace Model	Factory Installed	Capacity BTU/hr	Cooling 95°F (35°C)				Heat 47°F (8.3°C)			
					SEER		EER	W/ field TXV	BTU/hr	COP	Heat 17°F (-8.3°C)	
					Standard	TDR					BTU/hr	COP
TSH560GKA	ENH4X60*24**	*9MA*0802120A**	TDR&TXV	56000	13.7		11.7		57000	3.6	35600	2.56
	ENH4X60*24**	*9MA*1002122A**	TDR&TXV	56500	14		11.7		57500	3.66	35600	2.58
	ENH4X60*24**	*9MA*1202422A**	TDR&TXV	56500	14		11.7		57000	3.66	35600	2.58
	ENH4X60*24**	*9MV*1002120A**	TDR&TXV	56500	13.7		11.7		57500	3.66	36000	2.58
	ENH4X60*24**	*9MV*1202422A**	TDR&TXV	56000	14		11.7		57000	3.66	35400	2.58
	ENH4X60*24**	*9MX*0802120A**	TDR&TXV	56000	14		11.7		57000	3.62	35600	2.56
	ENH4X60*24**	*9MX*1002120A**	TDR&TXV	56500	13.7		11.7		57500	3.66	36000	2.58
	ENH4X60*24**	*9MX*1202422A**	TDR&TXV	56500	14		11.7		57000	3.66	35600	2.58
	ENH4X60*24**	MV16J22**B*	TDR&TXV	57000	14.5		12.5		57000	3.78	35400	2.66
	ENH4X60*24**	MV20L24**B*	TDR&TXV	57000	14.5		12.5		57000	3.78	35400	2.66
	ENH4X60*24**	*8MPV125	TDR&TXV	57000	14		11.7		58000	3.68	36200	2.58
	ENH4X60*24**	*9MVX080	TDR&TXV	56000	13.2		11.2		58500	3.62	36800	2.54
	ENH4X60*24**	*9MVX100	TDR&TXV	55500	13.5		11.5		58000	3.62	36400	2.56
	ENH4X60*24**	OLV154F20A	TDR&TXV	56500	14.2		12		57000	3.68	35600	2.6
	ENH4X60*24**		TXV	55500		13.7	11.7		57500	3.66	36000	2.58
	ENH4X61*24**	*8MV*1102120**	TDR&TXV	56000	14		11.7		58000	3.7	36000	2.6
	ENH4X61*24**	*8MV*1352422**	TDR&TXV	56000	14		12		57500	3.74	35600	2.62
	ENH4X61*24**	*8MX*1102120**	TDR&TXV	56000	14.5		12		57500	3.74	35600	2.62
	ENH4X61*24**	*8MX*1352420**	TDR&TXV	56000	14		12		57500	3.7	35600	2.6
	ENH4X61*24**	*9MA*1202422A**	TDR&TXV	56000	14		11.7		57500	3.7	35800	2.6
	ENH4X61*24**	*9MV*1202422A**	TDR&TXV	56000	14		12		57500	3.68	35600	2.6
	ENH4X61*24**	*9MX*1202422A**	TDR&TXV	56000	14		11.7		57500	3.68	35600	2.6
	ENH4X61*24**	MV16J22**B*	TDR&TXV	57500	14.5		12.5		57500	3.82	35600	2.66
	ENH4X61*24**	MV20L24**B*	TDR&TXV	57500	14.5		12.5		57500	3.82	35600	2.66
	ENH4X61*24**	*8MPV125	TDR&TXV	57000	14		11.7		58000	3.72	36200	2.6
	ENH4X61*24**	*9MVX080	TDR&TXV	56000	13.2		11.2		59000	3.66	37000	2.54
	ENH4X61*24**	*9MVX100	TDR&TXV	56000	13.5		11.5		58500	3.66	36400	2.56
	ENH4X61*24**	OLV154F20A	TDR&TXV	56000	14		12		57500	3.72	35800	2.62
	ENH4X61*24**		TXV	56000		13.7	11.7		58000	3.72	36200	2.6
2009 ENERGY STAR compliance for combinations with all three: SEER 14.50 or higher and EER 12.00 or higher and HSPF 8.2 or higher.												

ACCESSORY USAGE GUIDELINES

Accessory	REQUIRED FOR APPLICATIONS IN SNOW-BELT REGION	REQUIRED FOR LOW-AMBIENT APPLICATIONS {Below 55°F (13°C)}	REQUIRED FOR LONG-LINE APPLICATIONS* {Over 80 Ft. (24.4m)}
Evaporator Freeze Thermostat	No	Yes	No
Accumulator	Standard (factory installed)	Standard (factory installed)	Standard (factory installed)
Low Ambient Kit (Pressure Switch)	No	Yes	No
Hard Start Kit (Capacitor & Relay)	No	Yes	Yes
Support Feet, 4" (102mm) tall	Yes	Recommended	No
Liquid Line Solenoid Valve	No	No	See Long-Line Application Guideline

* For Line Set lengths between 80 and 200 ft (24.4 and 61m) horizontal. or more than 20 ft (6.1m) indoor-outdoor vertical separation, refer to the Long Line Application Guideline document.

ACCESSORIES

Part Number	Description	Used On Model Size
NASA00601CH	Crankcase Heater for Scroll Compressor (208/230 V)	18, 24, 30
NASA00501CH	Crankcase Heater for Scroll Compressor (208/230 V)	36, 42
(Factory Installed)	Crankcase Heater for Scroll Compressor (208/230 V)	48, 60 (Factory Installed)
NASA001SC	Start Component – PTC Device	ALL
NASA001FS	Evaporator Freeze Thermostat	ALL
NASA001LS	Liquid Line Solenoid Valve, HP, R-22 or R-410A	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL
NASA014SC	Hard Start Kit (Capacitor & Relay)	ALL
NASA401LA	Low Ambient Kit (Pressure Switch), R-410A	ALL
NASA001SF	Support Feet, 4" (102mm) tall	ALL
NASA00106SS	Snow Stand Kit	ALL
AXWR01DFC	Fossil Fuel Kit	ALL
NAEA40501TX	TXV Kit, R-410A – 2010 and later Piston Coils	18, 24, 30
NAEA40601TX	TXV Kit, R-410A – 2010 and later Piston Coils	36, 42
NAEA40701TX	TXV Kit, R-410A – 2010 and later Piston Coils	48, 60
EBAC05TXVX	TXV Kit, R-410A – 2005–2009 R-22 TXV Fancoils (air handlers)	18, 24, 30
EBAC06TXVX	TXV Kit, R-410A – 2005–2009 R-22 TXV Fancoils (air handlers)	36, 42
EBAC07TXVX	TXV Kit, R-410A – 2005–2009 R-22 TXV Fancoils (air handlers)	48, 60
TSTAT0101SC	Observer™ Self Configuring Communicating Wall Control	ALL