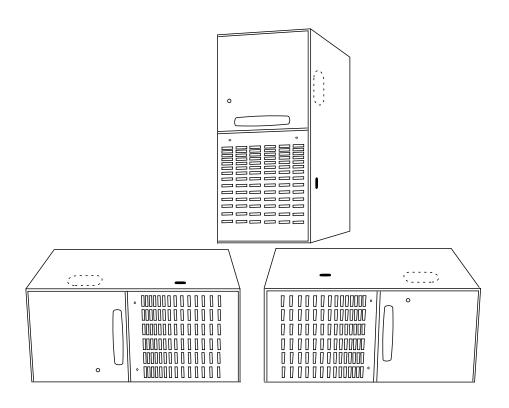


Downflow/Horizontal Right or Downflow/Horizontal Left 2-Stage, Variable Speed Gas-Fired Furnace

XV 80 TDD2B060,080, C100,D120A9V Two-Stage Fan Assisted Combustion System





General Features

NATURAL GAS MODELS

Central Heating furnace designs are certified by the American Gas Association for both natural and L.P. gas. Limit setting and rating data were established and approved under standard rating conditions using American National Standards Institute standards.

SAFE OPERATION

The Integrated System Control has solid state devices, which continuously monitor for presence of flame, when the system is in the heating mode of operation. Dual solenoid combination gas valve and regulator provide extra safety.

QUICK HEATING

Durable, cycle tested, heavy gauge aluminized steel heat exchanger quickly transfers heat to provide warm conditioned air to the structure.

BURNERS

Multiport Inshot burners will give years of quiet and efficient service. All models can be converted to **LP. gas**.

INTEGRATED SYSTEM CONTROL

Exclusively designed operational program provides total control of furnace limit sensors, blowers, gas valve, flame control and includes self diagnostics for ease of service. Also contains connection points for E.A.C./humidifier.

AIR DELIVERY

The variable speed, direct drive blower motor, has sufficient airflow for most heating and cooling requirements, will

switch from heating to cooling speeds on demand from room thermostat. The blower door safety switch will prevent or terminate furnace operation when the blower door is removed.

STYLING

Heavy gauge steel and "wrap-around" cabinet construction is used in the cabinet with baked-on enamel finish for strength and beauty. The heat exchanger section of the cabinet is completely lined with foil faced fiberglass insulation. This results in quiet and efficient operation due to the excellent acoustical and insulating qualities of fiberglass.

FEATURES AND GENERAL OPERATION

The XV 80 High Efficiency Gas Furnaces employs an adaptive Hot Surface Ignition system, which eliminates the waste of a constant burning pilot. The integrated system control lights the main burners upon a demand for heat from the room thermostat. Complete front service access.

- a. Low energy power venter
- b. Vent proving pressure switch.



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Features and Benefits

XV 80 DOWNFLOW/HORIZONTAL RIGHT or LEFT STANDARD EQUIPMENT

- · Convertible to horizontal
- Power supply 115/1/60
- · 2-stage gas valve
- 2-speed venter
- · Hot surface igniter
- · Integrated system control
- · Attractive color accents
- Heavy gauge aluminized steel heat exchanger
- Soft start gradually cycles on airflow
- Direct drive variable speed motor
- Blower door safety switch
- Multiport Inshot burners
- Complete front service access
- Molded plastic nameplate

- Comfort-R™
- Slide out blower assembly
- · Adjustable fan off times
- · Common vent capability
- Cleanable high velocity filters
- Heavy gauge reinforced wrap-around steel cabinet
- Super quiet performance
- · Optional L.P. conversion kit
- Left/right gas connection



Features and Benefits

XV 80 OPTIONAL EQUIPMENT

Thermostat, Mechanical 2-Stage Heating/1-Stage Cooling	TAYSTAT241 []
Thermostat, Heating/Cooling Single Stage (Mounts Horizontally)	AY28X092 []
Thermostat, Heating/Cooling Single Stage (Mounts Vertically)	BAYSTAT305 []
Thermostat, Electronic Programmable 2-Stage Heating/2-Stage Cooling	TAYSTAT302C []
Thermostat, Electronic Programmable 1-Stage Heating/1-Stage Cooling	TAYSTAT300C []
Thermostat, Electronic 1Htg/1Clg (Non-Prog)	TAYSTAT370 []
Thermostat, Electronci 1Htg/1Clg (Prog-5/2)	TAYSTAT340[]
Propane Conversion Kit	
Electronic Air Filter, "Perfect Fit" High Efficiency (17-1/2" Wide Gas Furnace)	TFM175A9FR0[]
Electronic Air Filter, "Perfect Fit" High Efficiency (21" Wide Gas Furnace)	TFM210A9FR0 []
Electronic Air Filter, "Perfect Fit" High Efficiency (24-1/2" Wide Gas Furnace)	TFM245A9FR0[]
Electronic Air Filter, "Perfect Fit" Standard Efficiency (17-1/2" Wide Gas Furnace)	TFP175A9FR0[]
Electronic Air Filter, "Perfect Fit" Standard Efficiency (21" Wide Gas Furnace)	TFP210A9FR0[]
Electronic Air Filter, "Perfect Fit" Standard Efficiency (24-1/2" Wide Gas Furnace)	TFP245A9FR0[]
Coil Enclosure (17-1/2" Wide Cabinets)	BAYCLE17A1722A []
Coil Enclosure (21" Wide Cabinets)	
Coil Enclosure (24-1/2" Wide Cabinets)	BAYCLE24A2430A []
Subbase	
Filter Access Door Kit	
High Altitude Switch	
Masonary Chimney Vent Kit	BAYVENT800B []

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General **Data**

PRODUCT SPECIFICATIONS ①

MODEL	TDD2B060A9V3VA	TDD2B080A9V3VA
TYPE	Downflow / Horizontal	Downflow / Horizontal
RATINGS ②		
1st Stage Input BTUH	39,000	52,000
1st Stage Capacity BTUH (ICS) ③	31,200	41,600
2nd Stage Input BTUH	60,000	80,000
2nd Stage Capacity BTUH (ICS) ③	48,000	63,000
AFUE (ICS)	80.0	80.0
Гетр. rise (MinMax.) °F.	35 - 65	35 - 65
BLOWER DRIVE	Direct	Direct
Diameter - Width (In.)	10 x 7	10 x 7
lo. Used	1	1
Speeds (No.)	Variable	Variable
CFM vs. in. w.g.	See Airflow Table	See Airflow Table
Notor HP	1/2	1/2
R.P.M.	Variable	Variable
olts / Ph / Hz	115/1/60	115/1/60
COMBUSTION FAN - Type	Centrifugal	Centrifugal
Orive - No. Speeds	Direct - 2	Direct - 2
Notor HP - RPM	1/50 - 3000	1/50 - 3000
'olts / Ph / Hz	115/1/60	115/1/60
ELA	1.0	1.0
ILTER — Furnished?	Yes	Yes
Type Recommended	High Velocity	High Velocity
Hi Vel. (NoSize-Thk.)	2 - 14 x 20 - 1 in.	2 - 14 x 20 - 1 in.
/ENT — Size (in.)	4 Round	4 Round
HEAT EXCHANGER		
ype-Fired	Alum. Steel - Type 1	Alum. Steel - Type 1
-Unfired		•
Gauge (Fired)	20	20
ORIFICES — Main		
lat. Gas. Qty. — Drill Size	3 — 45	4 — 45
P. Gas Qty. — Drill Size	3 — 56	4 — 56
GAS VALVE	Redundant - Two Stage	Redundant - Two Stage
PILOT SAFETY DEVICE		
- уре	Hot Surface Ignition	Hot Surface Ignition
BURNERS — Type	Multiport Inshot	Multiport Inshot
Number	3	4
POWER CONN. — V / Ph / Hz ④	115/1/60	115/1/60
Ampacity (In Amps)	10.5	10.5
Max. Overcurrent Protection (Amps)	15	15
PIPE CONN. SIZE (IN.)	1/2	1/2
DIMENSIONS	HxWxD	HxWxD
Crated (In.)	41-3/4 x 19-1/2 x 30-1/2	41-3/4 x 19-1/2 x 30-1/2
WEIGHT		
Shipping (Lbs.) / Net (Lbs)	140 / 129	146 / 135
- FF 3 () ()	· / :==	*** ***

① Central Furnace heating designs are certified by AGA and CSA.

② For U.S. applications, above input ratings (BTUH) are up to 2,000 feet, derate 4% per 1,000 feet for elevations above 2,000 feet above sea level. For Canadian applications, above input ratings (BTUH) are up to 4,500 feet, derate 4% per 1,000 feet for elevations above 4,500 feet above sea level.

③ Based on U.S. government standard tests.

① The above wiring specifications are in accordance with National Electrical Code; however, installations must comply with local codes.



General Data

PRODUCT SPECIFICATIONS ①

MODEL	TDD2C100A9V5VA	TDD2D120A9V5VA
TYPE	Downflow / Horizontal	Downflow / Horizontal
RATINGS ②		
1st Stage Input BTUH	65,000	78,000
1st Stage Capacity BTUH (ICS) ③	52,000	62,400
2nd Stage Input BTUH	100,000	120,000
2nd Stage Capacity BTUH (ICS) ③	81,000	95,000
FUE (ICS)	80.0	80.0
emp. rise (MinMax.) °F.	35 - 65	35 - 65
LOWER DRIVE	Direct	Direct
iameter - Width (In.)	11 x 10	11 x 10
lo. Used	1	1
peeds (No.)	Variable	Variable
FM vs. in. w.g.	See Airflow Table	See Airflow Table
lotor HP	1	1
.P.M.	Variable	Variable
olts / Ph / Hz	115/1/60	115/1/60
COMBUSTION FAN - Type	Centrifugal	Centrifugal
rive - No. Speeds	Direct - 2	Direct - 2
Notor HP - RPM	1/50 - 3000	1/50 - 3000
olts / Ph / Hz	115/1/60	115/1/60
LA	1.0	1.15
ILTER — Furnished?	Yes	Yes
ype Recommended	High Velocity	High Velocity
i Vel. (NoSize-Thk.)	2 - 16 x 20 - 1 in.	2 - 16 x 20 - 1 in.
/ENT — Size (in.)	4 Round	4 Round
	4 nouliu	4 houliu
EAT EXCHANGER	Aluma Charl	Aluma Chanl
ype-Fired	Alum. Steel	Alum. Steel
-Unfired	20	00
auge (Fired)	20	20
RIFICES — Main		
at. Gas. Qty. — Drill Size	5 — 45	6 — 45
.P. Gas Qty. — Drill Size	5 — 56	6 — 56
AS VALVE	Redundant - Two Stage	Redundant - Two Stage
PILOT SAFETY DEVICE		
уре	Hot Surface Ignition	Hot Surface Ignition
BURNERS — Type	Multiport Inshot	Multiport Inshot
lumber	5	6
OWER CONN. — V / Ph / Hz ④	115/1/60	115/1/60
ampacity (In Amps)	14.9	15.3
Max. Overcurrent Protection (Amps)	20	20
PIPE CONN. SIZE (IN.)	1/2	1/2
DIMENSIONS	HxWxD	HxWxD
Crated (In.)	41-3/4 x 23 x 30-1/2	41-3/4 x 26-1/2 x 30-1/2
VEIGHT		
Shipping (Lbs.) / Net (Lbs)	166 / 155	197 / 185
mipping (LDS.) / Net (LDS)	100 / 100	197 / 100

① Central Furnace heating designs are certified by AGA and CSA.

② For U.S. applications, above input ratings (BTUH) are up to 2,000 feet, derate 4% per 1,000 feet for elevations above 2,000 feet above sea level. For Canadian applications, above input ratings (BTUH) are up to 4,500 feet, derate 4% per 1,000 feet for elevations above 4,500 feet above sea level.

③ Based on U.S. government standard tests.

The above wiring specifications are in accordance with National Electrical Code; however, installations must comply with local codes.



*DD2B060/	A9V3VA FURI	NACE HEATIN	NG AIRFLOW	(CFM) AND PO	WER (WATTS	S) VS. EXTER	NAL STATIC	PRESSURE	WITH FILTER		
	AIRFLOW	DIP SWITC	H SETTING			EXTERN	IAL STATIC P	RESSURE			
	SETTING	SW7	SW8		0.1	0.3	0.5	0.7	0.9		
				CFM	547	593	571	567	544		
	LOW	ON	ON	TEMP. RISE	53	49	51	51	53		
				WATTS	48	80	107	143	170		
HEATING				CFM	658	664	658	658	652		
1ST	MEDIUM **	ON	OFF	TEMP. RISE	44	44	44	44	44		
STAGE				WATTS	65	92	122	155	197		
				CFM	735	761	761	764	762		
	HIGH	OFF	OFF	TEMP. RISE	39	38	38	38	38		
				WATTS	75	120	155	190	230		
				CFM	743	777	775	783	772		
	LOW	ON	ON	ON	ON	TEMP. RISE	60	57	57	57	58
				WATTS	75	120	155	195	230		
HEATING				CFM	874	887	881	894	894		
2ND	MEDIUM **	ON	OFF	TEMP. RISE	51	50	50	50	50		
STAGE				WATTS	105	150	185	230	270		
				CFM	996	1013	1041	1058	1069		
	HIGH	OFF	OFF	TEMP. RISE	45	44	43	42	42		
				WATTS	143	192	250	307	337		

*DD2	*DD2B060A9V3VA FURNACE COOLING AIRFLOW (CFM) AND POWER (WATTS) VS. EXTERNAL STATIC PRESSURE WITH FILTER												
OUTDOOR UNIT SIZE	AIRFLOW		DIP S	SWITCH SET	TING			EXTERNA	L STATIC PI	RESSURE			
(TONS)	SETTING	SW1	SW2	SW3	SW4		0.1	0.3	0.5	0.7	0.9		
	LOW (350 CFM/	ON	ON	OFF	ON	CFM	533	563	546	534	515		
	TON)	0.1	0	0	0.1	WATTS	45	75	100	130	160		
1.5	NORMAL (400 CFM/	ON	ON	OFF	OFF	CFM	609	627	624	606	607		
1.5	TON)	Ö	ON	OFF	OFF	WATTS	55	90	115	150	180		
	HIGH (450 CFM/	ON	ON	ON	OFF	CFM	664	683	690	687	680		
	TON)	Ö	ON	ON		WATTS	65	95	135	165	200		
	LOW (350 CFM/	OFF	ON	OFF	ON	CFM	693	714	708	706	712		
	TON)	OFF	ON	OFF	ON	WATTS	65	105	135	170	210		
2	NORMAL (400 CFM/	OFF	ON	OFF	OFF	CFM	780	821	813	810	816		
2	TON)	OFF	ON	OFF	OFF	WATTS	85	130	165	205	245		
	HIGH (450 CFM/	OFF	ON	ON OF	ON	OFF	CFM	886	896	901	925	930	
	TON)	OFF	ON		OFF	WATTS	110	150	200	250	285		
	LOW (350 CFM/	ON	OFF	OFF	ON	CFM	865	882	869	884	885		
	TON)	ON	OFF	OFF	ON	WATTS	105	145	185	275	265		
2.5	NORMAL (400 CFM/	ON	OFF	OFF	OFF	CFM	977	983	1014	1035	1019		
2.5	TON)	ON	OFF	OFF	OFF	WATTS	135	180	235	290	330		
	HIGH (450 CFM/	ON	OFF	ON	OFF	CFM	1097	1125	1155	1169	1169		
	TON)	ON	OFF	ON	OFF	WATTS	170	235	305	350	405		
	LOW (350 CFM/	OFF	OFF	OFF	ON	CFM	1006	1034	1056	1072	1067		
	TON)	OFF	OFF	OFF	ON	WATTS	145	200	255	315	352		
	NORMAL **	0.55	055	0.55	055	CFM	1169	1202	1226	1221	1217		
3 **	(400 CFM/ TON)	OFF	OFF	OFF	OFF	WATTS	215	265	355	390	440		
	HIGH				<u> </u>	CFM	1313	1339	1360	1369	1357		
	(450 CFM/ TON)	OFF	OFF	ON	OFF	WATTS	290	370	425	500	525		
NOTES:	.511)		1	1	l .		l	·	l				

- 1. *FIRST LETTER MAY BE "A" OR "T" 2. **FACTORY SETTING.

- "FACTORY SETTING:
 "FACTORY SETTING: HEATING OR COOLING AIRFLOW IS APPROXIMATELY 50% OF SELECTED COOLING VALUE.
 FOR VARIABLE SPEED: LOW SPEED AIRFLOWS ARE APPROXIMATELY 30% OF LISTED VALUES.
 LOW 350 CFM/TON IS RECOMMENDED FOR VARIABLE SPEED APPLICATION FOR COMFORT & HUMID CLIMATE SETTING: NORMAL IS 400 CFM/TON: HIGH 450 CFM/TON IS FOR DRY CLIMATE SETTING.



	AIRFLOW	DIP SWITCH SETTING				EXTERNAL STATIC PRESSURE					
	SETTING	SW 7	SW 8		0.1	0.3	0.5	0.7	0.9		
	LOW	ON	ON	CFM TEMP. RISE WATTS	775 50 85	750 51 110	700 55 140	685 56 170	680 57 185		
HEATING 1ST STAGE	MEDIUM **	ON	OFF	CFM TEMP. RISE WATTS	865 45 110	840 46 140	820 47 175	795 48 210	770 50 235		
	HIGH	OFF	OFF	CFM TEMP. RISE WATTS	1010 38 160	980 39 190	970 40 230	940 41 260	915 42 285		
HEATING -	LOW	ON	ON	CFM TEMP. RISE WATTS	1080 55 180	1060 56 220	1035 57 255	1010 59 285	995 60 325		
2ND STAGE	MEDIUM **	ON	OFF	CFM TEMP. RISE WATTS	1190 50 245	1190 50 290	1170 51 330	1155 51 370	1140 52 410		
	HIGH	OFF	OFF	CFM TEMP. RISE WATTS	1345 44 330	1335 44 380	1320 45 425	1310 45 475	1275 46 505		

*DD2B080	*DD2B080A9V3VA FURNACE COOLING AIRFLOW (CFM) AND POWER (WATTS) VS. EXTERNAL STATIC PRESSURE WITH FILTER												
OUTDOOR UNIT SIZE	AIRFLOW	DIP SWITCH SETTING					E	XTERNAL	_ STATIC F	PRESSUR	ΙE		
(TONS)	SETTING	SW 1	SW 2	SW 3	SW 4		0.1	0.3	0.5	0.7	0.9		
	LOW (350 CFM/TON)	OFF	ON	OFF	ON	CFM WATTS	840 105	830 135	830 160	815 220	750 225		
2.5	NORMAL (400 CFM/TON)	OFF	ON	OFF	OFF	CFM WATTS	970 140	950 170	940 210	925 245	900 270		
	HIGH (450 CFM/TON)	OFF	ON	ON	OFF	CFM WATTS	1085 185	1060 220	1045 260	1015 300	1000 325		
	LOW (350 CFM/TON)	ON	OFF	OFF	ON	CFM WATTS	1015 155	995 190	990 230	970 260	920 285		
3.0	NORMAL (400 CFM/TON)	ON	OFF	OFF	OFF	CFM WATTS	1150 215	1140 250	1120 305	1100 335	1085 370		
	HIGH (450 CFM/TON)	ON	OFF	ON	OFF	CFM WATTS	1290 300	1290 340	1270 390	1260 425	1235 475		
	LOW (350 CFM/TON)	OFF	OFF	OFF	ON	CFM WATTS	1160 220	1150 265	1140 320	1115 345	1100 385		
3.5 **	NORMAL ** (400 CFM/TON)	OFF	OFF	OFF	OFF	CFM WATTS	1355 330	1340 380	1330 425	1320 470	1280 510		
	HIGH (450 CFM/TON)	OFF	OFF	ON	OFF	CFM WATTS	1360 330	1360 380	1315 425	1320 470	1280 510		

NOTES:

- NOTES:

 1. * First letter may be "A" or "T"

 2. ** Factory setting

 3. Continuous Fan Setting: Heating or Cooling airflow is approximately 50% of selected Cooling value.

 4. For Variable Speed: low speed airflows are approximately 30% of listed values.

 5. LOW 350 cfm/ton is recommended for Variable Speed application for COMFORT & HUMID CLIMATE setting; NORMAL is 400 cfm/ton; HIGH 450 cfm/ton is for DRY CLIMATE setting



*DD2C10	00A9V5VA FURNACE	HEATING AI	RFLOW (CFM) AND POWER	R (WATTS) VS	S. EXTERNAL	STATIC PRES	SSURE WITH	FILTER		
	AIRFLOW	DIP SWITC	H SETTING			EXTERN	TERNAL STATIC PRESSURE				
	SETTING	SW 7	SW 8		0.1	0.3	0.5	0.7	0.9		
	LOW	ON	ON	CFM TEMP. RISE WATTS	890 54 87	870 55 120	855 56 160	850 57 200	825 58 250		
HEATING 1ST STAGE	MEDIUM **	ON	OFF	CFM TEMP. RISE WATTS	1100 44 135	1090 44 175	1080 45 225	1070 45 260	1070 45 320		
	HIGH	OFF	OFF	CFM TEMP. RISE WATTS	1270 38 195	1290 37 260	1295 37 315	1300 37 365	1300 37 425		
	LOW	ON	ON	CFM TEMP. RISE WATTS	1230 60 180	1220 61 220	1250 59 290	1255 59 345	1275 58 410		
HEATING 2ND STAGE	MEDIUM **	ON	OFF	CFM TEMP. RISE WATTS	1520 49 295	1550 48 385	1560 47 460	1555 48 525	1530 48 565		
	HIGH	OFF	OFF	CFM TEMP. RISE WATTS	1820 41 475	1825 41 570	1825 41 625	1800 41 685	1740 43 695		

*DD2C100	A9V5VA FURNACE CO	OLING AIF	RFLOW (C	FM) AND	POWER (WATTS) VS. EX	XTERNAL	STATIC P	RESSURI	WITH FI	LTER	
OUTDOOR UNIT SIZE	AIRFLOW	DIP SWITCH SETTING						EXTERNAL STATIC PRESSURE				
(TONS)	SETTING	SW 1	SW 2	SW 3	SW 4		0.1	0.3	0.5	0.7	0.9	
	LOW (350 CFM/TON)	ON	ON	OFF	ON	CFM WATTS	1025 125	1050 165	1035 195	1030 250	1005 285	
3.0	NORMAL (400 CFM/TON)	ON	ON	OFF	OFF	CFM WATTS	1185 165	1180 210	1180 250	1190 315	1190 365	
	HIGH (450 CFM/TON)	ON	ON	ON	OFF	CFM WATTS	1300 200	1345 280	1355 325	1375 405	1370 450	
	LOW (350 CFM/TON)	OFF	ON	OFF	ON	CFM WATTS	1195 165	1185 215	1200 270	1200 320	1190 370	
3.5	NORMAL (400 CFM/TON)	OFF	ON	OFF	OFF	CFM WATTS	1360 230	1390 315	1425 380	1420 430	1420 495	
	HIGH (450 CFM/TON)	OFF	ON	ON	OFF	CFM WATTS	1560 320	1595 425	1595 460	1595 540	1570 585	
	LOW (350 CFM/TON)	ON	OFF	OFF	ON	CFM WATTS	1350 235	1385 300	1410 375	1420 425	1410 495	
4.0	NORMAL (400 CFM/TON)	ON	OFF	OFF	OFF	CFM WATTS	1575 340	1615 420	1625 495	1610 545	1585 595	
	HIGH (450 CFM/TON)	ON	OFF	ON	OFF	CFM WATTS	1800 480	1795 555	1790 620	1760 670	1690 675	
	LOW (350 CFM/TON)	OFF	OFF	OFF	ON	CFM WATTS	1745 440	1760 515	1755 595	1735 640	1670 660	
5.0 **	NORMAL ** (400 CFM/TON)	OFF	OFF	OFF	OFF	CFM WATTS	2010 630	2000 700	1940 745	1865 740	1760 725	
	HIGH (450 CFM/TON)	OFF	OFF	ON	OFF	CFM WATTS	2205 830	2130 835	2015 800	1890 760	1740 720	

- NOTES:

 1. * First letter may be "A" or "T"

 2. ** Factory setting
 3. Continuous Fan Setting: Heating or Cooling airflow is approximately 50% of selected Cooling value.

 4. For Variable Speed: low speed airflows are approximately 30% of listed values.

 5. LOW 350 cfm/ton is recommended for Variable Speed application for COMFORT & HUMID CLIMATE setting; NORMAL is 400 cfm/ton; HIGH 450 cfm/ton is for DRY CLIMATE setting



*DD2D12	20A9V5VA FURNACE	HEATING AI	RFLOW (CFM) AND POWE	R (WATTS) VS	. EXTERNAL	STATIC PRES	SURE WITH	FILTER		
	AIRFLOW	DIP SWITCH SETTING		DIP SWITCH SETTING				EXTERN	AL STATIC PF	RESSURE	
	SETTING	SW 7	SW 8		0.1	0.3	0.5	0.7	0.9		
	LOW	ON	ON	CFM TEMP. RISE WATTS	970 60 85	990 58 140	980 59 180	955 61 210	930 62 255		
HEATING 1ST STAGE	MEDIUM **	ON	OFF	CFM TEMP. RISE WATTS	1120 52 120	1140 51 170	1115 52 215	1120 52 270	1120 52 315		
	HIGH	OFF	OFF	CFM TEMP. RISE WATTS	1240 47 150	1240 47 210	1240 47 250	1240 47 300	1240 47 360		
	LOW	ON	ON	CFM TEMP. RISE WATTS	1360 65 190	1380 64 250	1400 63 315	1425 62 400	1430 62 430		
HEATING 2ND STAGE	MEDIUM **	ON	OFF	CFM TEMP. RISE WATTS	1570 57 275	1620 55 370	1640 54 440	1650 54 480	1635 54 560		
	HIGH	OFF	OFF	CFM TEMP. RISE WATTS	1720 52 360	1735 51 425	1760 51 515	1760 51 585	1760 51 650		

*DD2D120	*DD2D120A9V5VA FURNACE COOLING AIRFLOW (CFM) AND POWER (WATTS) VS. EXTERNAL STATIC PRESSURE WITH FILTER												
OUTDOOR UNIT SIZE	AIRFLOW	DIP SWITCH SETTING					Е	XTERNAL	STATIC F	PRESSUR	E		
(TONS)	SETTING	SW 1	SW 2	SW 3	SW 4		0.1	0.3	0.5	0.7	0.9		
	LOW (350 CFM/TON)	OFF	ON	OFF	ON	CFM WATTS	1200 150	1200 185	1185 235	1210 290	1210 350		
3.5	NORMAL (400 CFM/TON)	OFF	ON	OFF	OFF	CFM WATTS	1355 190	1400 265	1420 335	1445 385	1445 440		
	HIGH (450 CFM/TON)	OFF	ON	ON	OFF	CFM WATTS	1535 255	1580 345	1600 415	1620 490	1600 530		
	LOW (350 CFM/TON)	ON	OFF	OFF	ON	CFM WATTS	1350 190	1370 250	1400 320	1415 385	1420 445		
4.0	NORMAL (400 CFM/TON)	ON	OFF	OFF	OFF	CFM WATTS	1570 275	1600 350	1630 425	1640 500	1630 560		
	HIGH (450 CFM/TON)	ON	OFF	ON	OFF	CFM WATTS	1800 400	1800 450	1815 540	1820 610	1810 670		
	LOW (350 CFM/TON)	OFF	OFF	OFF	ON	CFM WATTS	1725 350	1750 440	1770 500	1790 580	1775 650		
5.0 **	NORMAL ** (400 CFM/TON)	OFF	OFF	OFF	OFF	CFM WATTS	1970 515	2015 615	2035 700	2010 775	1960 800		
	HIGH (450 CFM/TON)	OFF	OFF	ON	OFF	CFM WATTS	2260 730	2250 830	2215 885	2100 860	1975 810		

NOTES:

- 1. * First Letter may be "A" or "T" 2. ** Factory setting

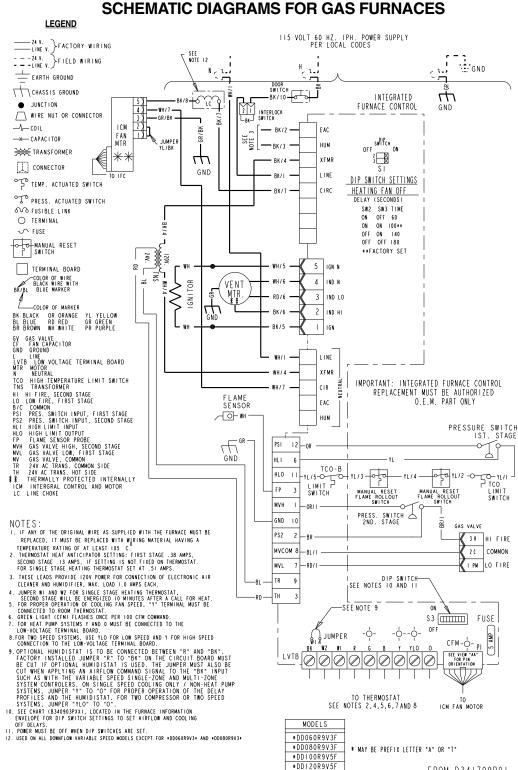
- 2. Tablety setting: Heating or Cooling airflow is approximately 50% of selected Cooling value.

 4. For Variable Speed: low speed airflows are approximately 30% of listed values.

 5. LOW 350 cfm/ton is recommended for Variable Speed application for COMFORT & HUMID CLIMATE setting; NORMAL is 400 cfm/ton; HIGH 450 cfm/ton is for DRY CLIMATE setting



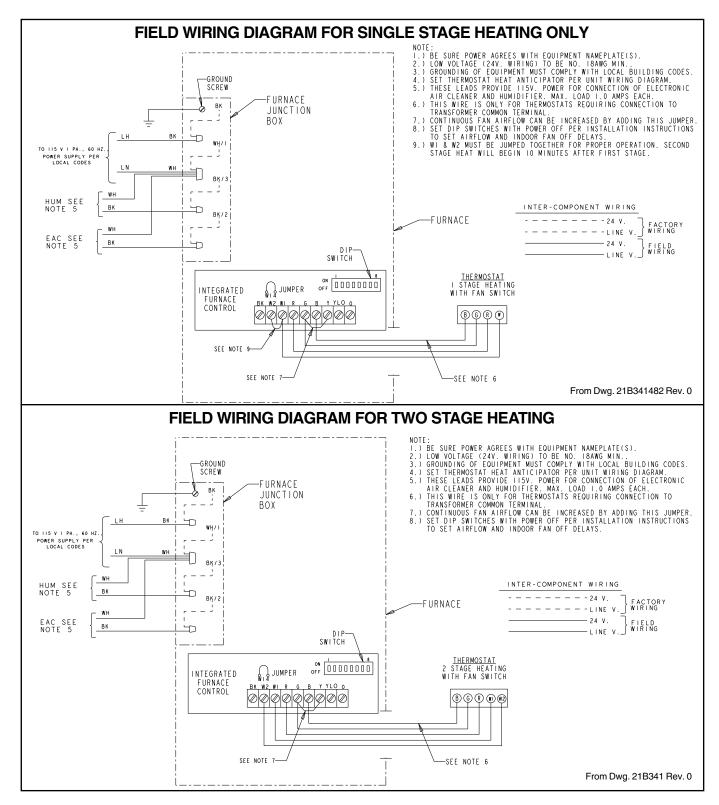
Electrical Data



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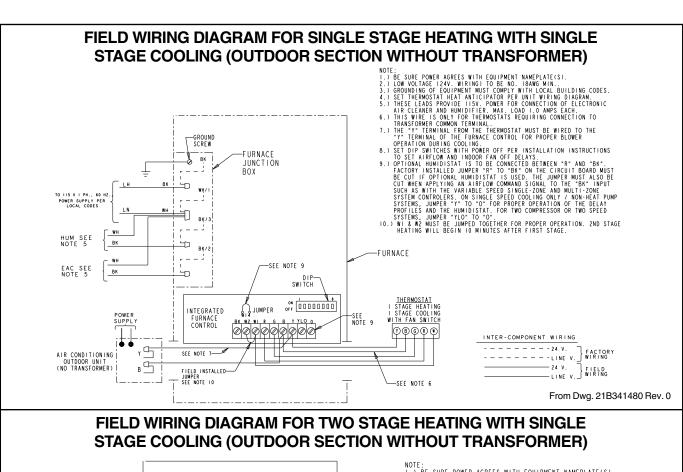


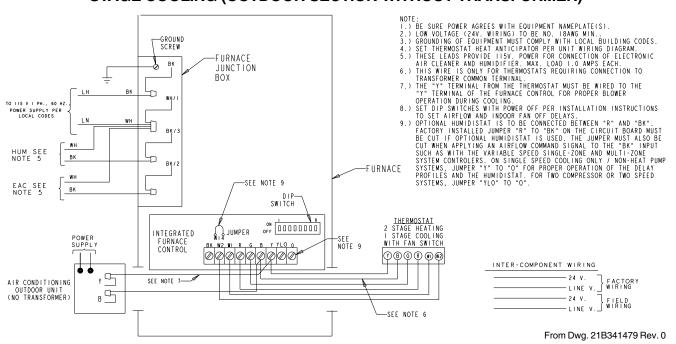
Field Wiring





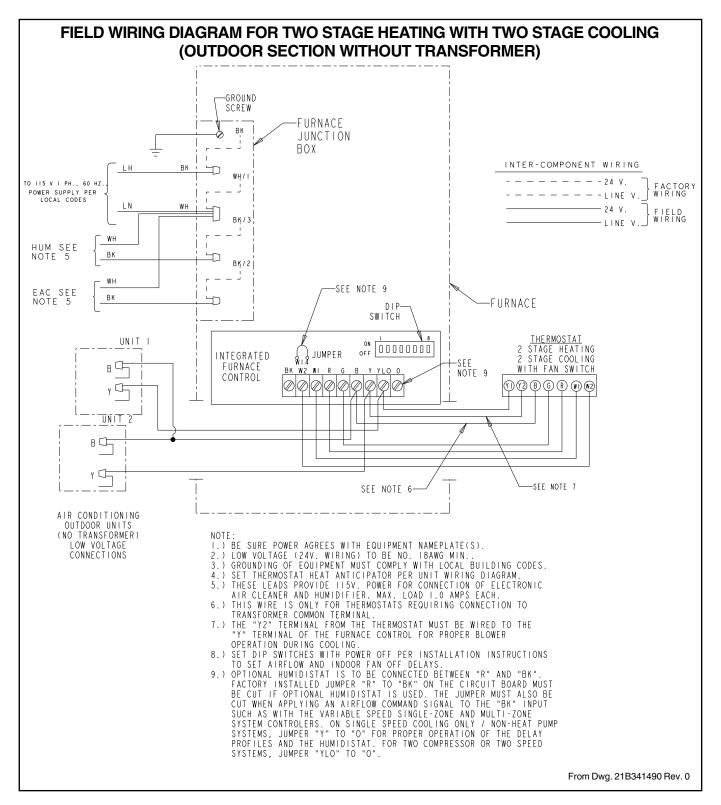
Field Wiring







Field Wiring



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Dimensions

