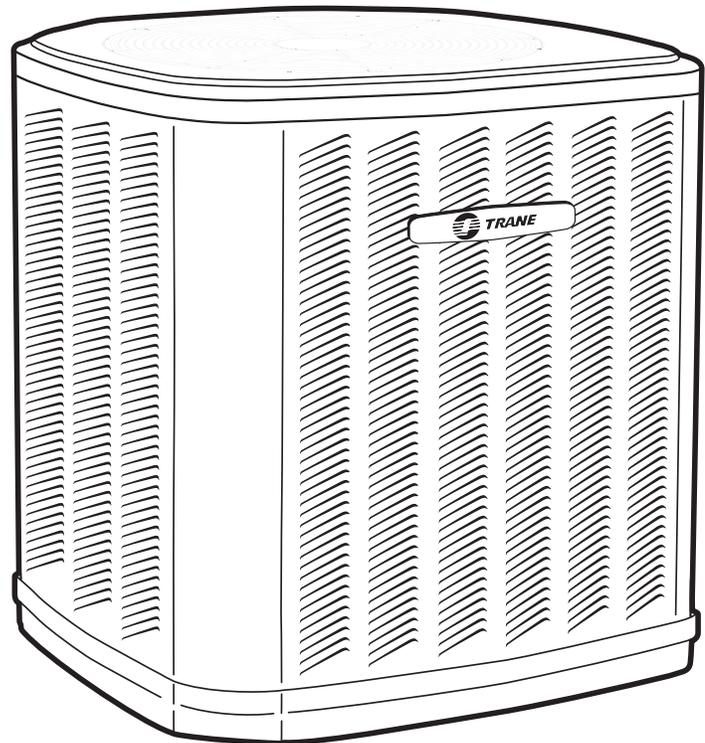




Split System Heat Pump Product Data

XB 13
4TWB3018-060

1½ – 5 Tons



PUB. NO. 22-1793-12



Features and Benefits

- **Climatuff**® compressor
- All aluminum **Spine Fin**™ coil
- **Quick-Sess**™ cabinet, service access and refrigerant connections with full coil protection
- **DuraTuff**™ base, fast complete drain, weather proof
- Glossy corrosion resistant finish
- Internal compressor high/low pressure and temperature protection
- 018, 024, and 030 ship with Start Kit
- Liquid line filter-drier
- Polyslate gray cabinet
- Low Pressure Switch (042, 048, 060)
- Demand Defrost Control
- High Pressure Switch
- R-410A refrigerant
- 100% line run test
- Low ambient cooling to 55°F as shipped
- Low ambient cooling to 30°F with EDC accessory AY28X084 and TXV
- **Extended warranties available**

Contents

Features and Benefits	2
General Data	4
Product Specifications	4
A-weighted Sound Power Level [dB(A)]	4
Accessory Description and Usage	5
AHRI Standard Capacity Rating Conditions	5
Model Nomenclature	6
Electrical Data	7
Dimensions	10
Mechanical Specification Options	11



General Data

Product Specifications

Model No. ①	4TWB3018C1	4TWB3024C1	4TWB3030C1	4TWB3036B1
Electrical Data V/Ph/Hz ②	208/230/1/60	208/230/1/60	200/230/1/60	208/230/1/60
Min Cir Ampacity	9	12	15	18
Max Fuse Size (Amps)	15	20	25	30
Compressor	CLIMATUFF®	CLIMATUFF®	CLIMATUFF®	CLIMATUFF®
RL Amps - LR Amps	6.4 - 40	8.9 - 48.5	11.5 - 63.5	13.2 - 63
Outdoor Fan FL Amps	0.7	0.74	0.74	1.0
Fan HP	1/8	1/8	1/8	1/5
Fan Dia (inches)	23.0	23.0	23.0	27.5
Coil	Spine Fin™	Spine Fin™	Spine Fin™	Spine Fin™
Refrigerant R-410A	5/9-LB/OZ	5/12-LB/OZ	6/05-LB/OZ	7/6-LB/OZ
Line Size - (in.) O.D. Gas ③	5/8	5/8	3/4	3/4
Line Size - (in.) O.D. Liquid ③	3/8	3/8	3/8	3/8
Charge Spec. Subcooling	10°	10°	8°	8°
Dimensions H x W x D (Crated)	34 x 30.1 x 33	34 x 30.1 x 33	38 x 30.1 x 33	38.4 x 35.1 x 38.7
Weight - Shipping	189	191	221	261
Weight - Net	161	163	193	227
Start Components	YES	YES	YES	YES
Sound Enclosure	NO	NO	NO	YES
Compressor Sump Heat	NO	NO	NO	NO
Optional Accessories: ④				
Anti-short Cycle Timer	TAYASCT501A	TAYASCT501A	TAYASCT501A	TAYASCT501A
Evaporator Defrost Control	AY28X084	AY28X084	AY28X084	AY28X084
Rubber Isolator Kit	BAYISLT101	BAYISLT101	BAYISLT101	BAYISLT101
Snow Leg-Base & Cap 4" High	BAYLEGS002	BAYLEGS002	BAYLEGS002	BAYLEGS002
Snow Leg-4" Extension	BAYLEGS003	BAYLEGS003	BAYLEGS003	BAYLEGS003
Extreme Condition Mounting Kit	BAYECMT023	BAYECMT023	BAYECMT023	BAYECMT004
Start Kit				
Crankcase Heater Kit	BAYCCHT300	BAYCCHT300	BAYCCHT300	BAYCCHT300
Seacoast Kit	BAYSEAC001	BAYSEAC001	BAYSEAC001	BAYSEAC001
Low Ambient Kit	BAYLOAM103	BAYLOAM103	BAYLOAM103	BAYLOAM103
Refrigerant Lineset ⑤	TAYREFLN9*	TAYREFLN9*	TAYREFLN7*	TAYREFLN7*

① Certified in accordance with the Air-Source Unitary Heat Pump equipment certification program which is based on AHRI Standard 210/240.

② Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.

③ Standard line lengths - 60'. Standard lift - 60' Suction and Liquid line.

For Greater lengths and lifts refer to refrigerant piping software Pub# 32-3312-0†. (†denotes latest revision)

④ For accessory description and usage, see page 5.

⑤ * = 15, 20, 25, 30, 40 and 50 foot lineset available.

MODEL	SOUND POWER LEVEL [dB(A)]	A-WEIGHTED FULL OCTAVE SOUND POWER LEVEL dB [(dB(A))]							
		63	125	250	500	1000	2000	4000	5000
4TWB3018C1	79	47.3	60.7	65.8	71.2	72.8	72.1	62.2	52.8
4TWB3024C1	79	45.3	58.8	70.5	70.5	75.4	75.3	66.8	61.3
4TWB3030C1	79	46.6	58.2	65.9	69.2	73.5	73.1	62.3	56.5
4TWB3036B1	79	46.4	59.6	67.4	74.8	73.8	68.9	61.2	53.4
4TWB3042B1	79	47.6	58.3	67.3	74.9	74.9	70.4	62.3	53.0
4TWB3048B1	78	47.0	56.5	66.7	73.0	72.8	69.3	62.0	51.4
4TWB3060B1	78	45.3	55.1	66.6	73.0	73.5	69.7	63.1	53.9

Note: Rated in accordance with AHRI Standard 270-2008



General Data

Product Specifications

Model No. ①	4TWB3042B1	4TWB3048B1	4TWB3060B1
Electrical Data V/Ph/Hz ②	208/230/1/60	208/230/1/60	208/230/1/60
Min Cir Ampacity	26	28	34
Max Fuse Size (Amps)	45	50	60
Compressor	CLIMATUFF® - SCROLL	CLIMATUFF® - SCROLL	CLIMATUFF® - SCROLL
RL Amps - LR Amps	19.9 - 109	21.8 - 117	26.3 - 134
Outdoor Fan FL Amps	.97	1.01	.94
Fan HP	1/5	1/5	1/5
Fan Dia (inches)	27.5	27.5	27.86
Coil	Spine Fin™	Spine Fin™	Spine Fin™
Refrigerant R-410A	7/07-LB/OZ	8/9-LB/OZ	8/14-LB/OZ
Line Size - (in.) O.D. Gas ③	3/4	7/8	7/8
Line Size - (in.) O.D. Liquid ③	3/8	3/8	3/8
Charge Spec. Subcooling	8°	8°	8°
Dimensions H x W x D (Crated)	38.4 x 35.1 x 38.7	42.4 x 35.1 x 38.7	46.4 x 35.1 x 38.7
Weight - Shipping	253	269	284
Weight - Net	219	234	248
Start Components	NO	NO	NO
Sound Enclosure	NO	NO	NO
Compressor Sump Heat	NO	NO	NO
Optional Accessories: ④			
Anti-short Cycle Timer	TAYASCT501A	TAYASCT501A	TAYASCT501A
Evaporator Defrost Control	AY28X084	AY28X084	AY28X084
Rubber Isolator Kit	BAYISLT101	BAYISLT101	BAYISLT101
Snow Leg-Base & Cap 4" High	BAYLEGS002	BAYLEGS002	BAYLEGS002
Snow Leg-4" Extension	BAYLEGS003	BAYLEGS003	BAYLEGS003
Extreme Condition Mounting Kit	BAYECMT004	BAYECMT004	BAYECMT004
Start Kit	BAYKSKT263	BAYKSKT263	BAYKSKT263
Crankcase Heater Kit	BAYCCHT301	BAYCCHT301	BAYCCHT301
Seacoast Kit	BAYSEAC001	BAYSEAC001	BAYSEAC001
Low Ambient Kit	BAYLOAM103	BAYLOAM103	BAYLOAM103
Refrigerant Lineset ⑤	TAYREFLN7*	TAYREFLN3*	TAYREFLN3*

Accessory Description and Usage

Anti-Short Cycle Timer — Solid state timing device that prevents compressor recycling until five (5) minutes have elapsed after satisfying call or power interruptions. Use in area with questionable power delivery, commercial applications, long lineset, etc.

Evaporator Defrost Control — SPST Temperature actuated switch that cycles the condenser off as indoor coil reaches freeze-up conditions. Used for low ambient cooling to 30°F with TXV.

Rubber Isolators — Five (5) large rubber donuts to isolate condensing unit from transmitting energy into mounting frame or pad. Use on any application where sound transmission needs to be minimized.

Hard Start kit — Start capacitor and relay to assist compressor motor startup. Use in areas with marginal power supply, on long linesets, low ambient conditions, etc.

Extreme Condition Mount Kit — Bracket kits to securely mount condensing unit to a frame or pad without removing any panels. Use in areas with high winds, or on commercial roof tops, etc.

AHRI Standard Capacity Rating Conditions

AHRI STANDARD 210/240 RATING CONDITIONS —

- (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil.
- (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil.
- (C) Low Temperature Heating 17°F DB, 15°F WB air entering outdoor coil, 70°F DB air entering indoor coil.
- (D) Rated indoor airflow for heating is the same as for cooling.

AHRI STANDARD 270 RATING CONDITIONS — (Noise rating numbers are determined with the unit in cooling operation.) Standard Noise Rating number is at 95°F outdoor air.





Model Nomenclature

Outdoor Units

- Refrigerant Type**
 - 2 = R-22
 - 4 = R-410A
- TRANE**
- Product Type**
 - W = Split Heat Pump
 - T = Split Cooling
- Product Family**
 - Z = Leadership – Two Stage
 - X = Leadership
 - R = Replacement/Retail
 - B = Basic
 - A = Light Commercial
- Family SEER**
 - 0 = 10 3 = 13 6 = 16
 - 1 = 11 4 = 14 8 = 18
 - 2 = 12 5 = 15 9 = 19
- Split System Connections 1-6 Tons**
 - 0 = Brazed
- Nominal Capacity in 000s of BTUs**
- Major Design Modifications**
- Power Supply**
 - 1 = 200-230/1/60 or 208-230/1/60
 - 3 = 200-230/3/60
 - 4 = 460/3/60
- Secondary Function**
- Minor Design Modifications**
- Unit Parts Identifier**

4 T W B 3 0 3 6 A 1 0 0 0 A A

Gas Furnaces

- Furnace Configuration**
 - TU = Upflow/Horizontal
 - TD = Downflow/Horizontal
- Type**
 - E = 80% Induced Draft Standard
 - D = 80% Induced Draft Premium
 - C = 90% Condensing Standard
 - X = 90% Condensing Premium
 - H = 95% Condensing Premium
- Number of Heating Stages**
 - 1 = Single Stage
 - 2 = Two Stage
 - M = Modulating
- Cabinet Width**
 - A = 14.5" Cabinet Width
 - B = 17.5" Cabinet Width
 - C = 21.0" Cabinet Width
 - D = 24.5" Cabinet Width
- Heating Input in 1000's (BTUH)**
 - 080 = 80,000 BTUH
- Major Design Change**
- Voltage**
 - 9 = 115 Volts / 60 Hertz / Natural Gas
 - A = 115 Volts / 50 Hertz / Natural Gas
 - C = 115 Volts / Natural Gas with Communicating System Control
 - F = 115 Volts / Natural Gas with Integrated Electronic Filter
 - D = 115 Volts / Natural Gas with Communicating System Control and Integrated Electronic Filter
- Air Capacity for Cooling**

Standard PSC	Variable Speed	High Efficiency
24 = 2 Tons	V3 = 3 Tons	H3 = 3 Tons
36 = 3 Tons	V4 = 4 Tons	H4 = 4 Tons
42 = 3.5 Tons	V5 = 5 Tons	H5 = 5 Tons
45 = 4 Tons		
48 = 4 Tons		
54 = 5 Tons		
60 = 5 Tons		
72 = 6 Tons		
- Draft Inducer Speeds**
 - 1 = Single Speed
 - 2 = Two Speed
 - V = Variable Speed
- Minor Design Change**
- Service Digit - Not Orderable**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
T U D 1 B 0 8 0 A 9 H 3 1 A A

Air Handler

- Brand**
 - T = Better
 - G = Good
- Product Type**
 - A = Air Handler
- Convertability**
 - M = Multi-poise 4-way
 - F = Upflow Front Return, 3-way
 - T = 3-way
- Product Tier**
 - 2 = Good, Entry Level Feature Set
 - 4 = Better, Retail Replacement Mid Effy.
 - 5 = Better, Entry Level High Effy., Multi-Speed
 - 7 = Best, Retail Replacement High Effy., Variable-Speed
 - 8 = Best, Retail Ultimate High Effy., Variable-Speed
- Major Design Change**
- No Descriptor**
 - 0 = Air Handler / Coil
- Size (Footprint)**
 - A = 17.5 x 21.5
 - B = 21.0 x 21.5
 - C = 23.5 x 21.5
- Cooling Size: Air Handler or Coil**
 - 0-9 = AH Coil - 1000 BTUs (18, 24, 30, 36, 42, 48, 60)
- Airflow Type & Capability**
 - S = Low Effy PSC, 1-5 - nom. Tonnage (cfm/ton)
 - M = Mid Effy Multi-Speed, 1-5 - nom. Tonnage (cfm/ton)
 - H = High Effy Multi-Speed, 1-5 - nom. Tonnage (cfm/ton)
 - V = High Effy Variable, 1-5 - nom. Tonnage (cfm/ton)
- Power Supply**
 - 1 = 208-230/1/60
- System Control Type**
 - S = Standard - 24 VAC
 - C = CLII 13.8 VDC
- Minor Design Change**
- Unit Parts Identifier**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
G A M 5 A 0 B 3 6 M 3 1 S A A

Heat Pump/ Cooling Coils

- Refrigerant Type**
 - 4 = R-410A
- Series**
 - T = Premium (Heat Pump or Convertible Coil)
 - C = Standard (Cooling Only)
- Coil Design**
 - X = Direct Expansion Evaporator Coil
- Coil Feature**
 - C = Cased A Coil
 - A = Uncased A Coil
 - F = Cased Horizontal Flat Coil
- Coil Width (Cased/Uncased)**
 - A = 14.5" / 13.3"
 - B = 17.5" / 16.3"
 - C = 21.0" / 19.8"
 - D = 24.5" / 23.3"
 - H = 10.5"
- Refrigerant Line Coupling**
 - 0 = Brazed
- Nominal Capacity in 1000's (BTUH)**
- Major Design Change**
- Efficiency**
 - C = Standard
 - S = Hi Efficiency (derived from 10 SEER products)
- Refrigerant Control**
 - 3 = TXV - Non-Bleed
- Coil Circuitry**
 - H = Heat Pump
 - C = Cooling
- Airflow Configuration**
 - A = Upflow Only
 - U = Upflow / Downflow
 - H = Horizontal Only
 - C = Convertible - Upflow, Downflow, Left or Right Airflow
- Minor Design Change**
- Service Digit - Not Orderable**

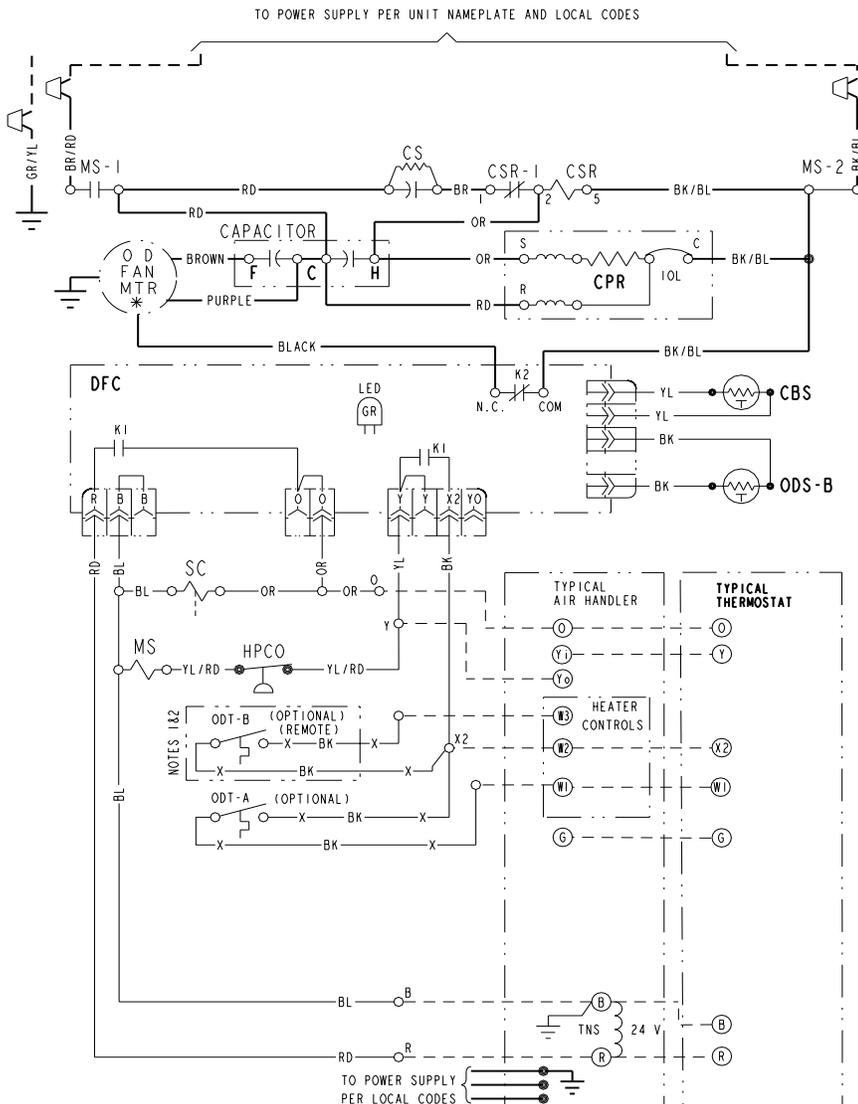
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
4 T X C B 0 3 6 A C 3 H C A A

Electrical Data

SCHEMATIC DIAGRAMS

(SEE LEGEND)

4TWB3018-036



CA	COOLING ANTICIPATOR
CBS	COIL BOTTOM SENSOR
CF	FAN CAPACITOR
CN	WIRE CONNECTOR
CPR	COMPRESSOR
CR	RUN CAPACITOR
CS	STARTING CAPACITOR
CSR	CAPACITOR SWITCHING RELAY
DFC	DEFROST CONTROL
F	INDOOR FAN RELAY
HA	HEATING ANTICIPATOR
HPCO	HIGH PRESSURE CUTOFF SW.
IOL	INTERNAL OVERLOAD PROTECTOR
LPKO	LOW PRESSURE CUTOFF SW.
MS	COMPRESSOR MOTOR CONTACTOR
ODA	OUTDOOR ANTICIPATOR
OFT	OUTDOOR FAN THERMOSTAT
ODS	OUTDOOR TEMPERATURE SENSOR
ODT	OUTDOOR THERMOSTAT
RHS	RESISTANCE HEAT SWITCH
SC	SWITCHOVER VALVE SOLENOID
SM	SYSTEM "ON-OFF" SWITCH
TDL	DISCHARGE LINE THERMOSTAT
TNS	TRANSFORMER
TS	HEATING-COOLING THERMOSTAT
TSH	HEATING THERMOSTAT

COLOR OF WIRE
 BK/BL BLACK WIRE WITH BLUE MARKER
 COLOR OF MARKER
 BK BLACK OR ORANGE YL YELLOW
 BL BLUE RD RED GR GREEN
 BR BROWN WH WHITE PR PURPLE

<p>⚠ WARNING HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!</p>	<p>⚠ CAUTION USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!</p>
---	--

NOTES:

- IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER.
IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE.
- IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
- LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES

CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V-TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.

PRINTED FROM D157099P01

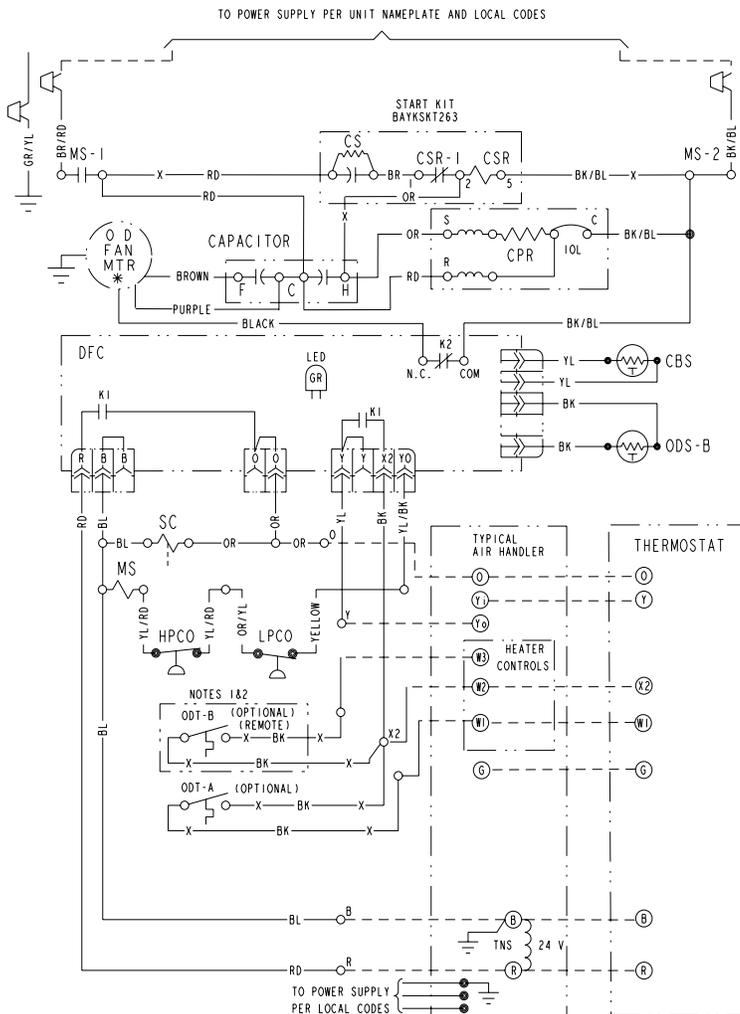


Electrical Data

SCHEMATIC DIAGRAMS

(SEE LEGEND)

4TWB3042



CA	COOLING ANTICIPATOR	LPCO	LOW PRESSURE CUTOFF SW.
CBS	COIL BOTTOM SENSOR	MS	COMPRESSOR MOTOR CONTACTOR
CF	FAN CAPACITOR	OBA	OUTDOOR ANTICIPATOR
CN	WIRE CONNECTOR	OFT	OUTDOOR FAN THERMOSTAT
CPR	COMPRESSOR	ODS	OUTDOOR TEMPERATURE SENSOR
CR	RUN CAPACITOR	ODT	OUTDOOR THERMOSTAT
CS	STARTING CAPACITOR	RHS	RESISTANCE HEAT SWITCH
CSR	CAPACITOR SWITCHING RELAY	SC	SWITCHOVER VALVE SOLENOID
DFC	DEFROST CONTROL	SM	SYSTEM "ON-OFF" SWITCH
F	INDOOR FAN RELAY	TDL	DISCHARGE LINE THERMOSTAT
HA	HEATING ANTICIPATOR	TNS	TRANSFORMER
HPCO	HIGH PRESSURE CUTOFF SW.	TS	HEATING-COOLING THERMOSTAT
IOL	INTERNAL OVERLOAD PROTECTOR	TSH	HEATING THERMOSTAT

<p>⚠ WARNING HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!</p>	<p>⚠ CAUTION USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!</p>
---	--

COLOR OF WIRE		BLACK WIRE WITH BLUE MARKER	
BK/BL			
COLOR OF MARKER			
BK	BLACK	OR	ORANGE
BL	BLUE	RD	RED
BR	BROWN	WH	WHITE
		YL	YELLOW
		GR	GREEN
		PR	PURPLE

NOTES:

1. IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER.
IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE.
2. IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
3. LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES
**CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V-TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.**

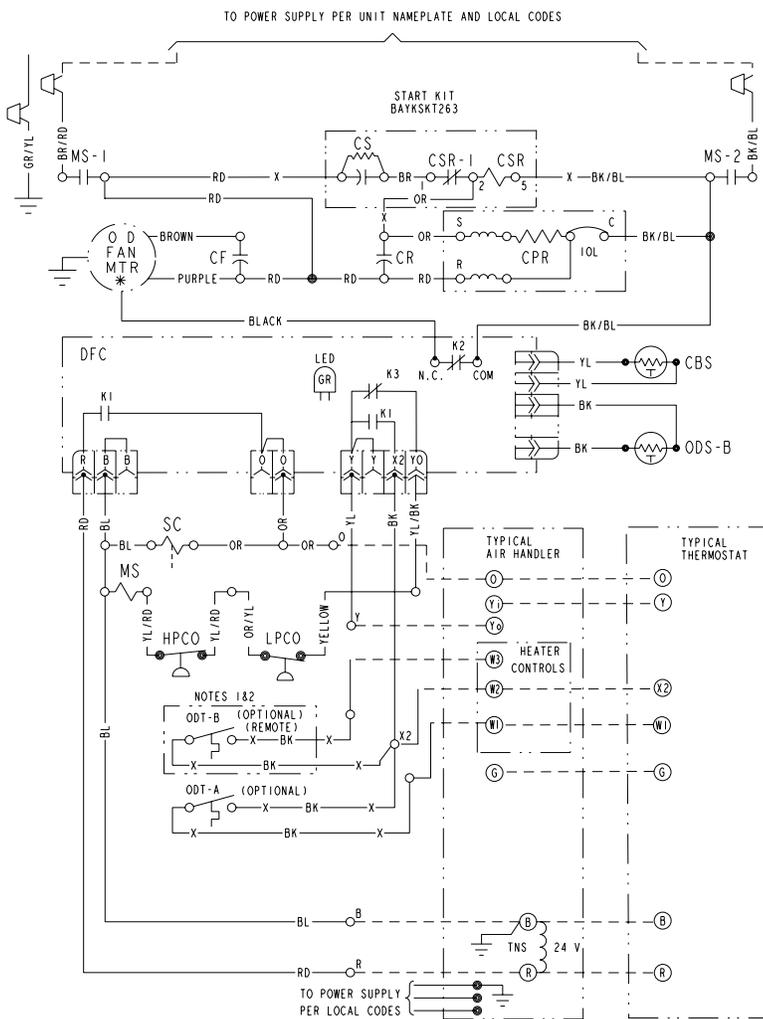
PRINTED FROM D157061P01

Electrical Data

SCHEMATIC DIAGRAMS

(SEE LEGEND)

4TWB3048-060



- | | |
|---------------------------------|--------------------------------|
| CA COOLING ANTICIPATOR | LP CO LOW PRESSURE CUTOFF SW. |
| CBS COIL BOTTOM SENSOR | MS COMPRESSOR MOTOR CONTACTOR |
| CF FAN CAPACITOR | ODA OUTDOOR ANTICIPATOR |
| CN WIRE CONNECTOR | OFT OUTDOOR FAN THERMOSTAT |
| CPR COMPRESSOR | ODS OUTDOOR TEMPERATURE SENSOR |
| CR RUN CAPACITOR | ODT OUTDOOR THERMOSTAT |
| CS STARTING CAPACITOR | RHS RESISTANCE HEAT SWITCH |
| CSR CAPACITOR SWITCHING RELAY | SC SWITCHOVER VALVE SOLENOID |
| DFC DEFROST CONTROL | SM SYSTEM "ON-OFF" SWITCH |
| F INDOOR FAN RELAY | TDL DISCHARGE LINE THERMOSTAT |
| HA HEATING ANTICIPATOR | TNS TRANSFORMER |
| HPCO HIGH PRESSURE CUTOFF SW. | TS HEATING-COOLING THERMOSTAT |
| IOL INTERNAL OVERLOAD PROTECTOR | TSH HEATING THERMOSTAT |

<p>⚠ WARNING HAZARDOUS VOLTAGE! DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING. FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH!</p>	<p>⚠ CAUTION USE COPPER CONDUCTORS ONLY! UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!</p>
---	--

- COLOR OF WIRE
BK/BL BLACK WIRE WITH BLUE MARKER
COLOR OF MARKER
- | | | |
|----------|-----------|-----------|
| BK BLACK | OR ORANGE | YL YELLOW |
| BL BLUE | RD RED | GR GREEN |
| BR BROWN | WH WHITE | PR PURPLE |

- NOTES:
- IF ODT-B IS NOT USED, ADD JUMPER BETWEEN W2 & W3 AT AIR HANDLER.
IF USED, ODT-B MUST BE MOUNTED REMOTE OF CONTROL BOX IN AN APPROVED WEATHER PROOF ENCLOSURE.
 - IF ODT-A IS NOT USED, ADD JUMPER BETWEEN W1 & W2 AT AIR HANDLER.
 - LOW VOLTAGE (24 V.) FIELD WIRING MUST BE 18 AWG MIN.

FOR CANADIAN INSTALLATIONS
POUR INSTALLATIONS CANADIENNES

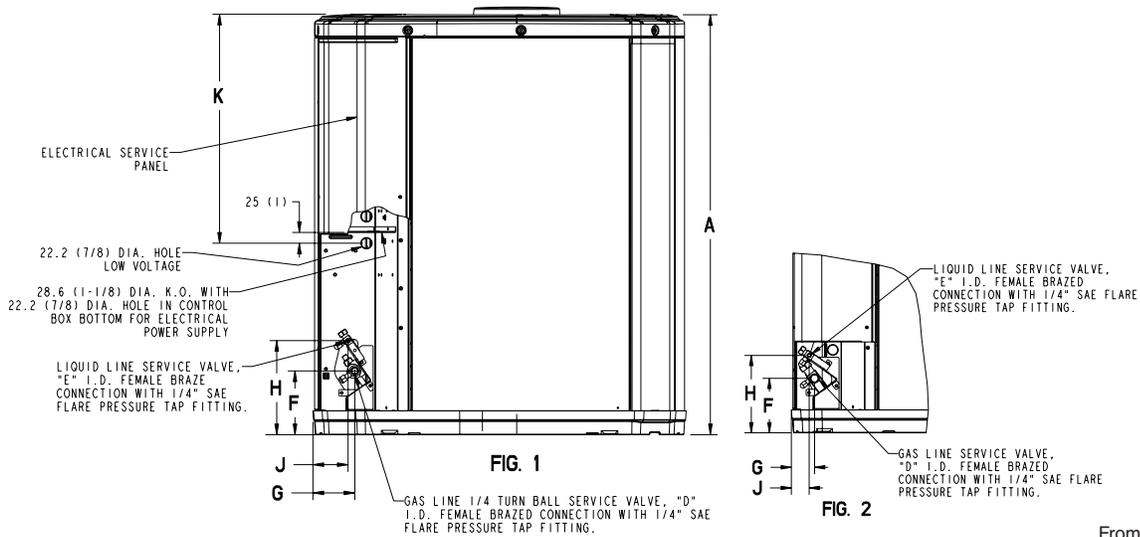
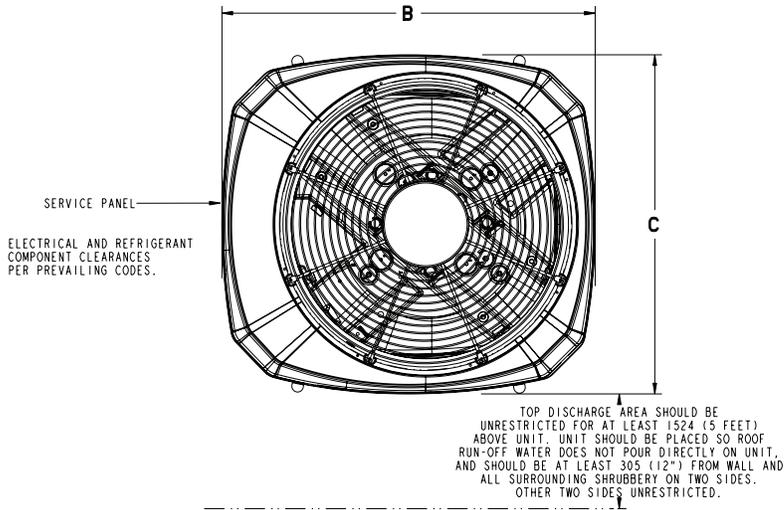
**CAUTION: NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150V-TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A LA TERRE.**



Dimensions

4TWB3 OUTLINE DRAWING

NOTE: ALL DIMENSIONS ARE IN MM (INCHES)



From Dwg. D153074

MODELS	BASE	FIG.	A	B	C	D	E	F	G	H	J	K
4TWB3018C1	3	1	730 (28-3/4)	829 (32-5/8)	756 (29-3/4)	5/8	3/8	143 (5-5/8)	92 (3-5/8)	210 (8-1/4)	79 (3-1/8)	508 (20)
4TWB3024C1	3	1	730 (28-3/4)	829 (32-5/8)	756 (29-3/4)	5/8	3/8	143 (5-5/8)	92 (3-5/8)	210 (8-1/4)	79 (3-1/8)	508 (20)
4TWB3030C1	3	1	832 (32-3/4)	829 (32-5/8)	756 (29-3/4)	3/4	3/8	143 (5-5/8)	92 (3-5/8)	210 (8-1/4)	79 (3-1/8)	508 (20)
4TWB3036B1	4	1	841 (33-1/8)	946 (37-1/4)	870 (34-1/4)	3/4	3/8	152 (6)	98 (3-7/8)	219 (8-5/8)	86 (3-3/8)	508 (20)
4TWB3042B1	4	1	841 (33-1/8)	946 (37-1/4)	870 (34-1/4)	3/4	3/8	152 (6)	98 (3-7/8)	219 (8-5/8)	86 (3-3/8)	508 (20)
4TWB3048B1	4	1	943 (37-1/8)	946 (37-1/4)	870 (34-1/4)	7/8	3/8	152 (6)	98 (3-7/8)	219 (8-5/8)	86 (3-3/8)	508 (20)
4TWB3060B1	4	1	1045 (41-1/8)	946 (37-1/4)	870 (34-1/4)	7/8	3/8	152 (6)	98 (3-7/8)	219 (8-5/8)	86 (3-3/8)	508 (20)



Mechanical Specification Options

General

The 4TWB3 is fully charged from the factory for up to 15 feet of piping. This unit is designed to operate at outdoor ambient temperatures as high as 115°F. Cooling capacities are matched with a wide selection of air handlers and furnace coils that are AHRI certified. The unit certified to UL 1995. Exterior is designed for outdoor application.

Casing

Unit casing is constructed of heavy gauge, G90 galvanized steel and painted with a weather-resistant powder paint on all louvers, panels, prepaint on all other panels. Corrosion and weather-proof CMBP-G30 DuraTuff™ base.

Refrigerant Controls

Refrigeration system controls include condenser fan, compressor contactor and high pressure switch. High and low pressure controls are inherent to the compressor. A factory installed liquid line drier is standard.

Compressor

The Climatuff® compressor features internal over temperature and pressure protection and total dipped hermetic motor. Other features include: centrifugal oil pump and low vibration and noise.

Condenser Coil

The outdoor coil provides low airflow resistance and efficient heat transfer. The coil is protected on all four sides by louvered panels.

Low Ambient Cooling

As manufactured, this unit has a cooling capability to 55°F. The addition of an evaporator defrost control permits operation to 40°F. The addition of an evaporator defrost control with TXV permits low ambient cooling to 30°F.

Accessories

Thermostats — Cooling only and heat/cooling (manual and automatic change-over). Sub-base to match thermostat and locking thermostat cover.

Evaporator Defrost Control — See Low Ambient Cooling.



Trane
www.trane.com

04/12

Trane has a policy of continuous product and product data improvement and it reserves the right to change design and specifications without notice.