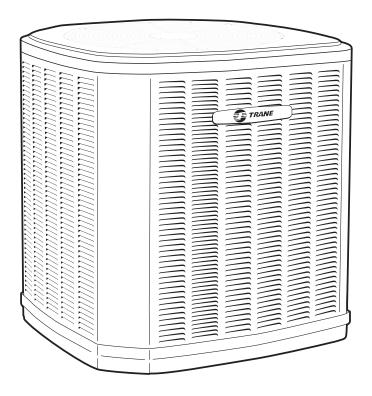


Split System Heat Pump Product Data

XR 13 4TWR3018-060

1½ – 5 Tons





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, 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



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Features and Benefits	2
General Data	4
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A-weighted Sound Power Level [dB(A)]	4
Accessory Description and Usage	5
AHRI Standard Capacity Rating Conditions	5
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Mechanical Specification Options	11



General Data

Model No. ①	4TWR3018C1	4TWR3024C1	4TWR3030C1	4TWR3036B1
Electrical Data V/Ph/Hz 2	208/230/1/60	208/230/1/60	208/230/1/60	208/230/1/60
Min Cir Ampacity	9	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	0.74	0.74	0.74	1.00
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	7/06-LB/OZ
Line Šize - (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°F	10°F	8°F	8°F
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	YES	YES	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*

Certified in accordance with the Air-Source Unitary Heat Pump equipment certification program which is based on AHRI Standard 210/240.
Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.
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)

For accessory description and usage, see page 5.
* = 15, 20, 25, 30, 40 and 50 foot lineset available.

A-weighted Sound Power Level [dB(A)]

	0				· /-					
SOUND POWER	A-WEIGHTED FULL OCTAVE SOUND POWER LEVEL dB - [dB(A)] High Stage									
LEVEL [dB(A)]	63	125	250	500	1000	2000	4000	8000		
76	77.8	68.4	69	68.5	68.3	73.1	62.6	56.3		
75	76.4	65.4	61.6	64.6	65.6	67.5	60.7	55.2		
76	80	72.1	61.4	64.4	70.4	69.6	60.7	56.4		
75	84.2	76.4	73.5	71.3	69.6	65.1	64.3	59.5		
75	82.8	74.1	67.3	70.5	67.9	63.2	58.7	54.7		
75	83.1	71.9	67.2	69.7	68.8	65.4	59.4	55.9		
75	78	71.2	68.1	69.3	67.7	65.9	62.5	61.5		
	LEVEL [dB(A)] 76 75 76 75 75 75 75	SOUND POWER LEVEL [dB(A)] A-WEIGHT 63 76 77.8 75 76.4 76 80 75 84.2 75 82.8 75 83.1	SOUND POWER LEVEL [dB(A)] A-WEIGHTED FULL (63 125 76 77.8 68.4 75 76.4 65.4 76 80 72.1 75 84.2 76.4 75 82.8 74.1 75 83.1 71.9	SOUND POWER LEVEL [dB(A)] A-WEIGHTED FULL OCTAVE S 76 63 125 250 76 77.8 68.4 69 75 76.4 65.4 61.6 76 80 72.1 61.4 75 84.2 76.4 73.5 75 82.8 74.1 67.3 75 83.1 71.9 67.2	SOUND POWER LEVEL [dB(A)] A-WEIGHTED FULL OCTAVE SOUND POWER 63 125 250 500 76 77.8 68.4 69 68.5 75 76.4 65.4 61.6 64.6 76 80 72.1 61.4 64.4 75 84.2 76.4 73.5 71.3 75 82.8 74.1 67.3 70.5 75 83.1 71.9 67.2 69.7	SOUND POWER LEVEL [dB(A)] A-WEIGHTED FULL OCTAVE SOUND POWER LEVE 63 125 250 500 1000 76 77.8 68.4 69 68.5 68.3 75 76.4 65.4 61.6 64.6 65.6 76 80 72.1 61.4 64.4 70.4 75 84.2 76.4 73.5 71.3 69.6 75 82.8 74.1 67.3 70.5 67.9 75 83.1 71.9 67.2 69.7 68.8	SOUND POWER LEVEL [dB(A)] A-WEIGHTED FULL OCTAVE SOUND POWER LEVEL dB - [dB(63 76 77.8 68.4 69 68.5 68.3 73.1 76 77.8 68.4 69 68.5 68.3 73.1 75 76.4 65.4 61.6 64.6 65.6 67.5 76 80 72.1 61.4 64.4 70.4 69.6 75 84.2 76.4 73.5 71.3 69.6 65.1 75 84.2 76.4 67.3 70.5 67.9 63.2 75 82.8 74.1 67.3 70.5 67.9 63.2 75 83.1 71.9 67.2 69.7 68.8 65.4	SOUND POWER LEVEL [dB(A)] A-WEIGHTED FULL OCTAVE SOUND POWER LEVEL dB - [dB(A)] High S 63 125 250 500 1000 2000 4000 76 77.8 68.4 69 68.5 68.3 73.1 62.6 75 76.4 65.4 61.6 64.6 65.6 67.5 60.7 76 80 72.1 61.4 64.4 70.4 69.6 60.7 75 84.2 76.4 73.5 71.3 69.6 65.1 64.3 75 82.8 74.1 67.3 70.5 67.9 63.2 58.7 75 83.1 71.9 67.2 69.7 68.8 65.4 59.4		

Note: Rated in accordance with AHRI Standard 270-2008.



General Data

Product Specifications

Model No. 1	4TWR3042B1	4TWR3048B1	4TWR3060B1
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	0.97	1.01	0.94
Fan HP	1/5	1/5	1/5
Fan Dia (inches)	27.6	27.5	27.5
Coil	Spine Fin™	Spine Fin™	Spine Fin™
Refrigerant R-410A	7/07-LB/OZ	8/09-LB/OZ	8/14-LB/OZ
Line Šize - (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°F	8°F	8°F
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	
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 $\begin{array}{c} 4 \stackrel{T}{\overset{W}{\overset{W}{\overset{R}}}} \stackrel{3}{\overset{0}{\overset{0}}} \stackrel{3}{\overset{6}{\overset{6}{\overset{B}}}} \stackrel{1}{\overset{1}{\overset{0}{\overset{0}{\overset{0}{\overset{0}{\overset{0}{\overset{R}}{\overset{R}{\overset{R}{\overset{R}}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}}{\overset{R}{\overset{R}{\overset{R}}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}{\overset{R}}{\overset{R}}{\overset{R}{\overset{R}}{\overset{R}{\overset{R}}{\overset{R}}{\overset{R}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}}{\overset{R}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}}{\overset{R}}{\overset{R}}}{\overset{R}{\overset{R}}{\overset{R}}{\overset{R}}{\overset{R}}}{\overset{R}}}}{\overset{R}{\overset{R}}{\overset{R}}{\overset{R}}}{\overset{R}}{\overset{R}}}}}{{\overset{R}}{\overset{R}}}}}{\overset{R}{\overset{R}}}}}}{\overset{R}}{\overset{R}}}}}}}}{\overset{R}{\overset{R}}}}}}} {\overset{R}{{}}}{\overset{R}}}}}{\overset{R}}}}}{\overset{R}}}}}{\overset{{R}}{{}}}}}}}}}}$
Refrigerant Type 2 = R-22 4 = R-410A
Product Type
Product Family
Family SEER
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Split System Connections 1-6 Tons
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
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
Heating Input in 1000's (BTUH)
Major Design Change
Voltage 9 = 115 Volts / 60 Hertz / Natural Gas A = 115 Volts / Solts / Natural Gas Central Gas C = 115 Volts / Natural Gas with Communicating System Control Fentral Gas with Communicating System Control F = 115 Volts / Natural Gas with Communicating System Control Fentral Gas with Communicating System Control D = 115 Volts / Natural Gas with Communicating System Control and Integrated Electronic Filter Fentral Gas With Communicating System Control and Integrated Electronic Filter
Air Capacity for CoolingStandard PSCVariable SpeedHigh Efficiency $24 = 2$ TonsV3 = 3 TonsH3 = 3 Tons $36 = 3$ TonsV4 = 4 TonsH4 = 4 Tons $42 = 3.5$ TonsV5 = 5 TonsH5 = 5 Tons $45 = 4$ Tons45 = 4 Tons $45 = 4$ Tons54 = 5 Tons $54 = 5$ Tons60 = 5 Tons $72 = 6$ Tons
Draft Inducer Speeds 1 = Single Speed 2 = Two Speed V = Variable Speed
Minor Design Change
innor besign enange

Air Handler

Air Handler	1 G	2 A		4 5					111 3			5 A
	T	T	T						F 7	77	77	
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 Mic 5 = Better, Entry Level High Effy., N 7 = Best, Retail Replacement High Variable-Speed 8 = Best, Retail Ultimate High Effy. Variable-Speed	/ulti Eff	í-Sp	0000	4								
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 BTU's (18, 24				2, 4	18, (60)]				
Airflow Type & Capability S = Low Effy PSC, 1-5 - nom. Tonn Mid Effy Multi-Speed, 1-5 - nor. H = High Effy Multi-Speed, 1-5 - nor. V = High Effy Variable, 1-5 - nor.	n. T m. '	onn Ton	age nag	e (ć je (fm/1 cfm	/tor						
Power Supply 1 = 208-230/1/60							 					
System Control Type S = Standard - 24 VAC C = CLII 13.8 VDC									 			
Minor Decign Change												1

Minor Design Change-Unit Parts Identifier -

Heat Pump/ 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 Cooling Coils 4 T X C B 0 36 A C 3 H C A
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" / 18.8" D = 24.5" / 23.3" H = 10.5" Refrigerant Line Coupling
Nominal Capacity in 1000's (BTUH)
Major Design Change
Efficiency C = Standard S = Hi Efficiency (derived from 10 SEER products)
Refrigerant Control
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

6

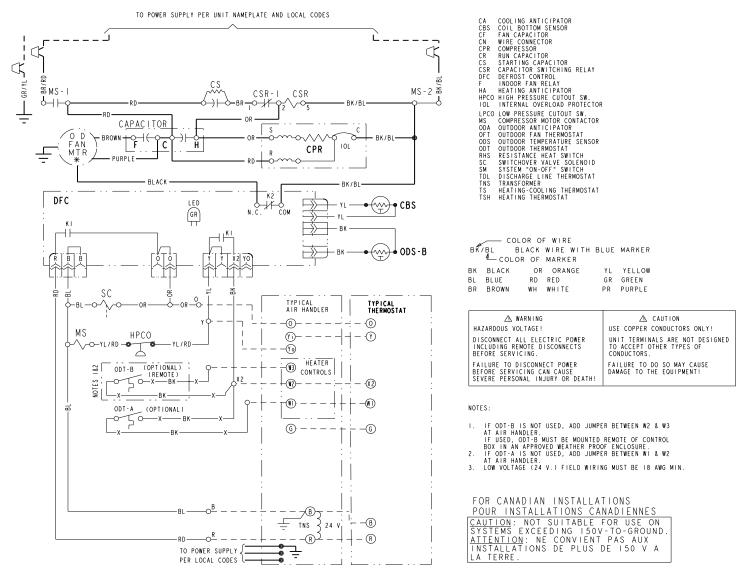


Electrical Data

SCHEMATIC DIAGRAMS

(SEE LEGEND)

4TWR3018C1,024C1,030C1,036B1



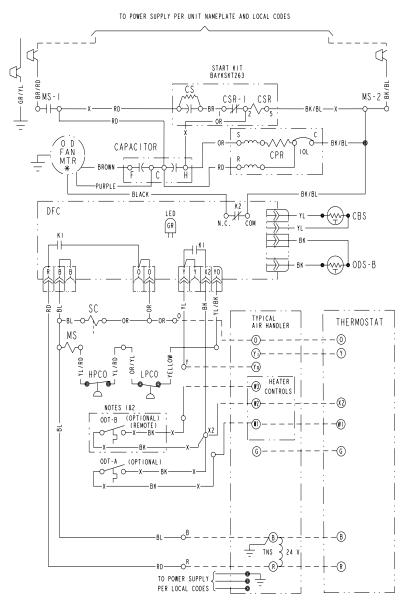
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Electrical Data

SCHEMATIC DIAGRAMS

4TWR042B



COOLING ANTICIPATOR COIL BOTTOM SENSOR FAN CAPACITOR WIRE CONNECTOR COMPRESSOR RUN CAPACITOR STARTING CAPACITOR CAPACITOR SWITCHING RELAY DEFROST CONTROL INDOOR FAN RELAY HEATING ANTICIPATOR HIGH PRESSURE CUTOUT SW. INTERNAL OVERLOAD PROTECTOR	MS ODA OFT ODS ODT RHS SC SM TDL	LOW PRESSURE CUTOUT SW. COMPRESSOR MOTOR CONTACTOR OUTDOOR FAILTCIPATOR OUTDOOR FAILTCIPATOR OUTDOOR FAILTER SENSOR OUTDOOR THERMOSTAT RESISTANCE HEAT SWITCH SWITCHOVER HEAT SWITCH SWITCHOVER VALVE SOLENOID SYSTEM "ON-OFF" SWITCH DISCHARGE LINE THERMOSTAT TRANSFORMER HEATING-COOLING THERMOSTAT HEATING-COOLING THERMOSTAT

∆ WAR		△ CAUTION
HAZARDOUS VOLT	AGE !	USE COPPER CONDUCTORS ONLY!
	ELECTRIC POWER TE DISCONNECTS NG.	UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DIS BEFORE SERVICI SEVERE PERSONA		FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT!

	c	OLOR OF	WIR	E		
ΒŔ	/BL	BLACK	WIRE	WITH	BLUE	MARKER
	4_ COL	OR OF	MARK	ER		
ΒK	BLACK	OR	ORA	NGE	ΥL	YELLOW
BL	BLUE	RD	RED		GR	GREEN
BR	BROWN	WH	WHITE		PR	PURPLE

NOTES:

١.	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	LE ODT-A IS NOT HISED. ADD. HIMPER BETWEEN WE & W2

IF ODT-A IS NOT USED, ADD JUMPER BETWEEN WI & 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 ISOV-TO-GROUND.
SYSTEMS EXCEEDING 150V-TO-GROUND.
ATTENTION: NE CONVIENT PAS AUX
ATTENTION: NE CONVIENT PAS AUX INSTALLATIONS DE PLUS DE 150 V A
LA TERRE.

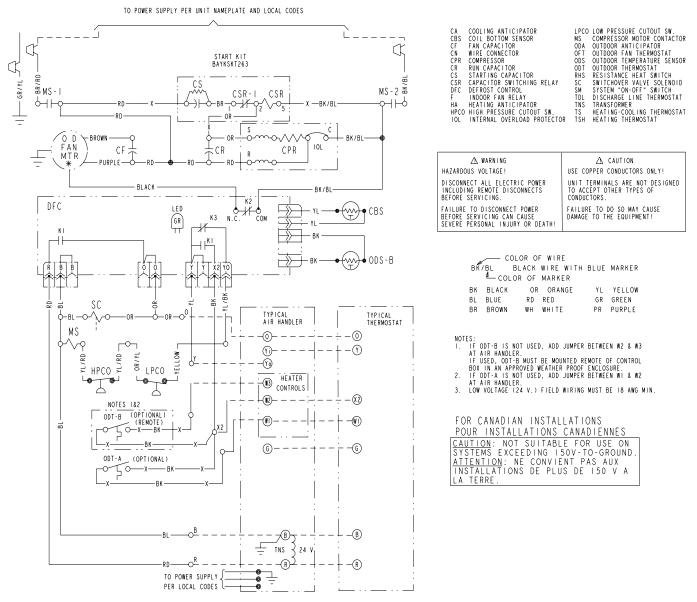
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Electrical Data

SCHEMATIC DIAGRAMS

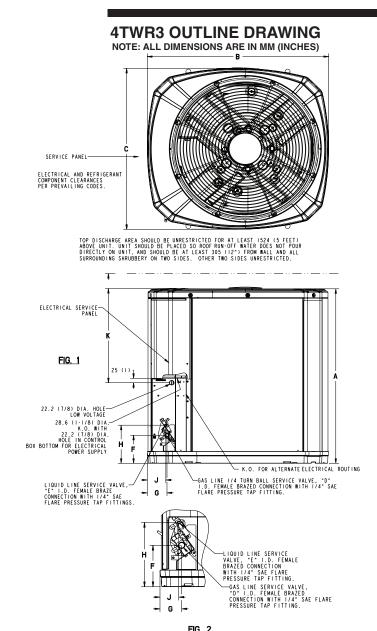
4TWR3048-060B



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Dimensions



MODELS	BASE	FIG.	Α	В	С	D	E	F	G	н	J	к
4TWR3018C	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)
4TWR3024C	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)
4TWR3030C	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)
4TWR3036B	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)
4TWR3042B	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)
4TWR3048B	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)
4TWR3060B	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 4TWR3 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 is UL listed. 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 weatherproof 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 changeover). Sub-base to match thermostat and locking thermostat cover.

Evaporator Defrost Control — See Low Ambient Cooling.

LEGEND	COLOR OF WIRE BK/BL BLACK WIRE WITH BLUE MARKER COLOR OF MARKER						
		BLUE	RD	ORANGE RED WHITE	GR	GREEN	

SYMBOLS	2 1	INE V. J 24 V. INE V. FIELD INSTALL GROUND JUNCTION WIRE NUT OR COIL CAPACITOR RELAY CONTAC RELAY CONTAC THERMISTOR INTERNAL OV	CON T (N T (N	.0.) I.C.) DAD PROTECTOR
	<u>م</u>	PRESSURE AC TEMP. ACTUA		
		POL. PLUG F (MALE TERM.)	EMAL	E HOUSING
		POL. PLUG M. (FEMALE TERM		HOUSING
	~~~~~	RESISTOR OF	HE.	ATING ELEMENT
	00000	MOTOR WIND	ING	
	0	TERMINAL		
	COOLING ANTIC COIL BOTTOM SI FAN CAPACITOR WIRE CONNECTOI COMPRESSOR RUN CAPACITOR STARTING CAPAC CAPACITOR SWI DEFROST CONTR INDOOR FAN REI HEATING ANTIC INTERNAL OVERI	ENSOR R CITOR TCHING RELAY DL LAY IPATOR	LPCO MS ODA ODS ODT RHS SC SM TDL TNS TS TSH	LOW PRESSURE CUTOUT SW. COMPRESSOR MOTOR CONTACTOR OUTDOOR ANTICIPATOR OUTDOOR TEMPERATURE SENSOR OUTDOOR TEMPERATURE SENSOR OUTDOOR THERMOSTAT RESISTANCE HEAT SWITCH SWITCHOVER VALVE SOLENOID SYSTEM "ON-OFF" SWITCH DISCHARGE LINE THERMOSTAT TRANSFORMER HEATING COLING THERMOSTAT HEATING THERMOSTAT

R	RUN CAPACITOR	
S	STARTING CAPACITOR	
SR	CAPACITOR SWITCHING	RELAY
<b>F</b> 0	DEEDAAT AANTAAL	





04/12



Trane www.trane.com

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