

# **Product Data**

# **Split System Cooling**

4TTX6018J1000B

4TTX6024J1000C

4TTX6030J1000B/C

4TTX6035J1000A

4TTX6036J1000C

4TTX6041J1000A

4TTX6042J1000B

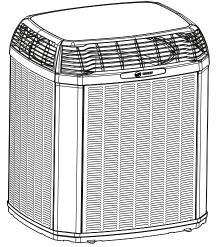
4TTX6048J1000B

4TTX6049J1000B

4TTX6060J1000C

4TTX6060K1000A

4TTX6061J1000C



**Note:** "Graphics in this document are for representation only. Actual model may differ in appearance."





Model No. (a)	4TTX6018J1000B	4TTX6024J1000C	4TTX6030J1000B	4TTX6030J1000C	
POWER CONNS. — V/PH/HZ (b)	208/230/1/60	208/230/1/60	208/230/1/60	208/230/1/60	
MIN. BRCH. CIR. AMPACITY	12	13	17	14	
BR. CIR. PROT. RTG. — MAX. (AMPS)	20	20	25	25	
COMPRESSOR	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROL	
RL AMPS — LR AMPS	9 — 47.5	10.1 — 52	12.8 — 67.8	10.9 — 62.6	
Outdoor Fan FL AMPS	0.64	0.64	0.64	0.64	
Fan HP	1/8	1/8	1/8	1/8	
Fan Dia (inches)	23.02	23.02	23.02	23.02	
Coil	SPINE FIN™	SPINE FIN™	SPINE FIN™	SPINE FIN™	
Refrigerant R-410A	4 LBS., 15 OZ	4 LBS., 11 OZ	5 LBS., 8 OZ	5 LBS., 8 OZ	
LINE SIZE — IN. O.D. GAS (c)	3/4	3/4	3/4	3/4	
LINE SIZE — IN. O.D. LIQ.	3/8	3/8	3/8	3/8	
Charge Spec. Subcooling	8°F	8°F	8°F	8°F	
Dimensions H x W X D Crated (IN.)	37.9 x 30.1 x 33	37.9 x 30.1 x 33	45.9 x 30.1 x 33	45.9 x 30.1 x 33	
Weight — Shipping (lbs.)	200	201	231	231	
Weight — Net (lbs.)	172	173	195	195	
Optional Accessories:					
Anti-short Cycle Timer	TAYASCT501A	TAYASCT501A	TAYASCT501A	TAYASCT501A	
Evaporator Defrost Control	AY28X079	AY28X079	AY28X079	AY28X079	
Rubber Isolator Kit	BAYISLT101	BAYISLT101	BAYISLT101	BAYISLT101	
Extreme Condition Mount Kit	BAYECMT023	BAYECMT023	BAYECMT023	BAYECMT023	
Start Kit	BAYKSKT263	BAYKSKT263	BAYKSKT263	BAYKSKT263	
Crankcase Heater Kit	BAYCCHT302	BAYCCHT302	BAYCCHT302	BAYCCHT302	
Seacoast Kit	BAYSEAC001	BAYSEAC001	BAYSEAC001	BAYSEAC001	
Low Ambient Kit	BAYLOAM103	BAYLOAM103	BAYLOAM103	BAYLOAM103	
Service Valve Panel Cover	TAYSVPANL0032AA	TAYSVPANL0032AA	TAYSVPANL0044AA	TAYSVPANL0044AA	
Refrigerant Lineset (d)					

<sup>(</sup>a) Certified in accordance with the Unitary Air-conditioner equipment certification program which is based on AHRI standard 210/240.

<sup>(</sup>b) Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.
(c) 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).

(d) 25, 30, 35 and 50 foot linesets available. For a complete listing of lineset options available from equipment or supply stores, refer to the Trane Residential

and Light Commercial Product Handbook.

Model No. (a)	4TTX6035J1000A	4TTX6036J1000C	4TTX6041J1000A	
POWER CONNS. — V/PH/HZ (b)	208/230/1/60	208/230/1/60	208/230/1/60	
MIN. BRCH. CIR. AMPACITY	16	18	20	
BR. CIR. PROT. RTG. — MAX. (AMPS)	25	30	35	
COMPRESSOR	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL	
RL AMPS — LR AMPS	12.2 — 80.1	13.6 — 79	15.4 — 92.1	
Outdoor Fan FL AMPS	0.77	0.64	1.05	
Fan HP	1/8	1/8	1/5	
Fan Dia (inches)	23.02	27.5	27.5	
Coil	SPINE FIN™	SPINE FIN™	SPINE FIN™	
Refrigerant R-410A	5 LBS., 11 OZ	6 LBS., 8 OZ	6 LBS., 6 OZ	
LINE SIZE — IN. O.D. GAS (c)	3/4	7/8	7/8	
LINE SIZE — IN. O.D. LIQ.	3/8	3/8	3/8	
Charge Spec. Subcooling	10°F	8°F	10°F	
Dimensions H x W X D Crated (IN.)	38 x 30.1 x 33	47.6 x 35.1 x 38.7	47.6 x 35.1 x 38.7	
Weight — Shipping (lbs.)	194	255	255	
Weight — Net (lbs.)	167	221	221	
Optional Accessories:				
Anti-short Cycle Timer	TAYASCT501A	TAYASCT501A	TAYASCT501A	
Evaporator Defrost Control	AY28X079	AY28X079	AY28X079	
Rubber Isolator Kit	BAYISLT101	BAYISLT101	BAYISLT101	
Extreme Condition Mount Kit	BAYECMT004	BAYECMT004	BAYECMT004	
Start Kit	BAYKSKT263	BAYKSKT263	BAYKSKT263	
Crankcase Heater Kit	BAYCCHT302	BAYCCHT302	BAYCCHT302	
Seacoast Kit	BAYSEAC001	BAYSEAC001	BAYSEAC001	
Low Ambient Kit	BAYLOAM103	BAYLOAM103	BAYLOAM103	
Service Valve Panel Cover	TAYSVPANL0044AA	TAYSVPANL0044AA	TAYSVPANL0046AA	
Refrigerant Lineset (d)			•	

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<sup>(</sup>b) Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.

<sup>(</sup>c) 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\*

<sup>(\*</sup> denotes latest revision).

(d) 25, 30, 35 and 50 foot linesets available. For a complete listing of lineset options available from equipment or supply stores, refer to the Trane Residential and Light Commercial Product Handbook.



Model No. (a)	4TTX6042J1000B	4TTX6048J1000B	4TTX6049J1000B	
POWER CONNS. — V/PH/HZ (b)	208/230/1/60	208/230/1/60	208/230/1/60	
MIN. BRCH. CIR. AMPACITY	21	24	26	
BR. CIR. PROT. RTG. — MAX. (AMPS)	35	40	40	
COMPRESSOR	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL	
RL AMPS — LR AMPS	16.7 — 109	18.5 — 124	18.5 — 124	
Outdoor Fan FL AMPS	0.64	1.05	2.80	
Fan HP	1/8	1/5	1/3	
Fan Dia (inches)	27.5	27.5	27.5	
Coil	SPINE FIN™	SPINE FIN™	SPINE FIN™	
Refrigerant R-410A	9 LBS., 11 OZ	10 LBS., 3 OZ	10 LBS., 10 OZ	
LINE SIZE — IN. O.D. GAS (c)	7/8	7/8	7/8	
LINE SIZE — IN. O.D. LIQ.	3/8	3/8	3/8	
Charge Spec. Subcooling	8°F	8°F	10°F	
Dimensions H x W X D Crated (IN.)	55.6 x 35.1 x 38.7	55.6 x 35.1 x 38.7	55.6 x 35.1 x 38.7	
Weight — Shipping (lbs.)	327	331	331	
Weight — Net (lbs.)	277	281	281	
Optional Accessories:			1	
Anti-short Cycle Timer	TAYASCT501A	TAYASCT501A	TAYASCT501A	
Evaporator Defrost Control	AY28X079	AY28X079	AY28X079	
Rubber Isolator Kit	BAYISLT101	BAYISLT101	BAYISLT101	
Extreme Condition Mount Kit	BAYECMT004	BAYECMT004	BAYECMT004	
Start Kit	BAYKSKT263	BAYKSKT263	BAYKSKT263	
Crankcase Heater Kit	BAYCCHT302	BAYCCHT302	BAYCCHT302	
Seacoast Kit	BAYSEAC001	BAYSEAC001	BAYSEAC001	
Low Ambient Kit	BAYLOAM103	BAYLOAM103	BAYLOAM103	
Service Valve Panel Cover	TAYSVPANL0046AA	TAYSVPANL0046AA	TAYSVPANL0046AA	
Refrigerant Lineset (d)				

<sup>(</sup>a) Certified in accordance with the Unitary Air-conditioner equipment certification program which is based on AHRI standard 210/240.

<sup>(</sup>b) Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.
(c) 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\*

<sup>(\*</sup> denotes latest revision).

(d) 25, 30, 35 and 50 foot linesets available. For a complete listing of lineset options available from equipment or supply stores, refer to the Trane Residential and Light Commercial Product Handbook.

Model No. (a)	4TTX6060J1000C	4TTX6060K1000A	4TTX6061J1000C	
POWER CONNS. — V/PH/HZ (b)	208/230/1/60	208/230/1/60	208/230/1/60	
MIN. BRCH. CIR. AMPACITY	27	28	29	
BR. CIR. PROT. RTG. — MAX. (AMPS)	45	50	45	
COMPRESSOR	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL	CLIMATUFF®- SCROLL	
RL AMPS — LR AMPS	20.8 — 127.1	21.9 — 118.7	20.8 — 127.1	
Outdoor Fan FL AMPS	1.05	0.93	1.05	
Fan HP	1/5	1/5	1/5	
Fan Dia (inches)	27.5	27.5	27.6	
Coil	SPINE FIN™	SPINE FIN™	SPINE FIN™	
Refrigerant R-410A	10 LBS., 6 OZ	9 LBS., 8 OZ	10 LBS., 15 OZ	
LINE SIZE — IN. O.D. GAS (c)	1-1/8	1-1/8	1-1/8	
LINE SIZE — IN. O.D. LIQ.	3/8	3/8	3/8	
Charge Spec. Subcooling	10°F	10°F	10°F	
Dimensions H x W X D Crated (IN.)	55.6 x 35.1 x 38.7	55.6 x 35.1 x 38.7	55.6 x 35.1 x 38.7	
Weight — Shipping (lbs.)	336	321	350	
Weight — Net (lbs.)	286	271	301	
Optional Accessories:				
Anti-short Cycle Timer	TAYASCT501A	TAYASCT501A	TAYASCT501A	
Evaporator Defrost Control	AY28X079	AY28X079	AY28X079	
Rubber Isolator Kit	BAYISLT101	BAYISLT101	BAYISLT101	
Extreme Condition Mount Kit	BAYECMT004	BAYECMT004	BAYECMT004	
Start Kit	BAYKSKT263	BAYKSKT263	BAYKSKT263	
Crankcase Heater Kit	BAYCCHT302	BAYCCHT302	BAYCCHT302	
Seacoast Kit	BAYSEAC001	BAYSEAC001	BAYSEAC001	
Low Ambient Kit	BAYLOAM103	BAYLOAM103	BAYLOAM103	
Service Valve Panel Cover	TAYSVPANL0046AA	TAYSVPANL0046AA	TAYSVPANL0046AA	
Refrigerant Lineset (d)				

<sup>(</sup>a) Certified in accordance with the Unitary Air-conditioner equipment certification program which is based on AHRI standard 210/240.

 <sup>(</sup>b) Calculated in accordance with N.E.C. Only use HACR circuit breakers or fuses.
 (c) 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\*

<sup>(\*</sup> denotes latest revision).

(d) 25, 30, 35 and 50 foot linesets available. For a complete listing of lineset options available from equipment or supply stores, refer to the Trane Residential and Light Commercial Product Handbook.



# **Sound Power Level**

	Sound Power Level									
MODEL	A-Weighted Sound Power Level [dB(A)]	Full Octave Sound Power(dB)								
		63 Hz*	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
4TTX6018J	71	79	67	65	69	67	62	57	51	
4TTX6024J	71	79	67	65	69	67	62	57	51	
4TTX6030J	71	79	67	65	69	67	62	57	51	
4TTX6035J	71	73	73	72	69	68	60	52	45	
4TTX6036J	69	78	70	68	67	64	59	56	51	
4TTX6041J	71	81	75	71	70	68	63	58	53	
4TTX6042J	70	81	73	69	68	66	61	55	51	
4TTX6048J	70	81	73	69	68	66	61	55	51	
4TTX6049J	70	81	73	69	68	66	61	55	51	
4TTX6060J	70	81	73	69	68	66	61	55	51	
4TTX6060K	70	81	73	69	68	66	61	55	51	
4TTX6061J	74	68	56	63	73	69	64	59	51	
lote: Rated in accor	dance with AHRI Standar	rd 270-2008	*For Refere	ence Only		•	•	•	•	



## **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.

**Evaporation 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.

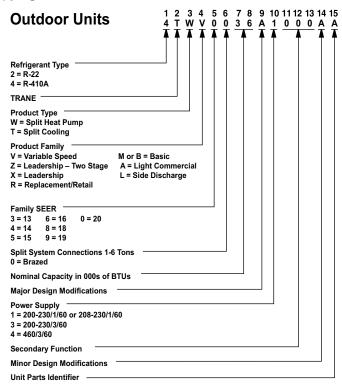
### **AHRI Standard Capacity Rating Conditions**

AHRI Standard 210/240 Rating Conditions

- 1. Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil.
- High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil
- 3. Low Temperature Heating 17°F DB air entering indoor coil.
- 4. Rated indoor airflow for heating is the same as for cooling.

**AHRI Standard 270 Rating Conditions** — (Noise rating numbers are determiend with the unit in cooling operations.) Standard Noise Rating number is at 95°F outdoor air.

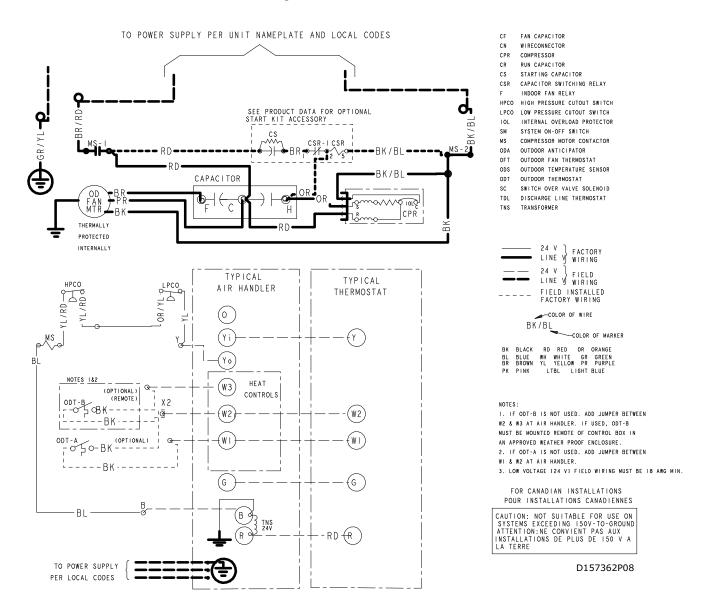
### **Model Nomenclature**





# **Schematic Diagrams**

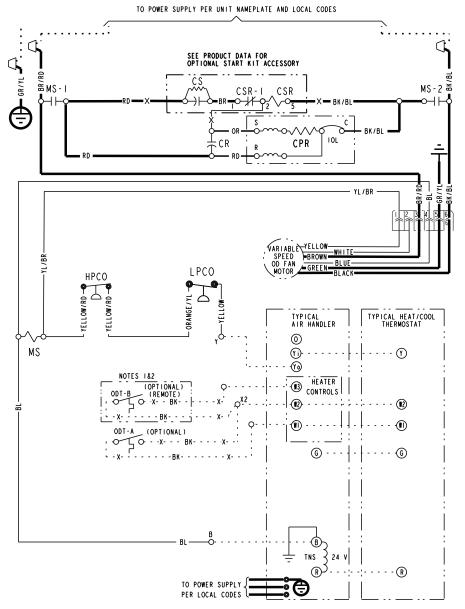
Figure 1. 018 — 048 Models





### **Schematic Diagrams**

Figure 2. 049 & 061 Models



CA COOLING ANTICIPATOR
CBS COIL BOTTOM SENSOR
CF FAN CAPACITOR
CN WIRE CONNECTOR
CR WIRE CONNECTOR
CR RUN CAPACITOR
CS TARTING CAPACITOR
CSR CAPACITOR SWITCHING RELAY
DFC DEFROST CONTROL
F INDOOR FAN RELAY
HA HEATING ANTICIPATOR
HPCO HIGH PRESSURE CUIDUIT SW.
IOL INTERNAL OVERLOAD PROTECTOR
ACR A/C RECTIFIER
LPCO LOW PRESSURE CUIDUIT SW.
MSC COMPRESSOR MOTOR CONTACTOR
OUTDOOR ANTICIPATOR
OFT OUTDOOR FAN THERMOSTAT
DS OUTDOOR TEMPERATURE SENSOR
ODT OUTDOOR TEMPERATURE SENSOR
ODT OUTDOOR TEMPERATURE
SENSOR
DT OUTDOOR TEMPERATURE
SENSOR
DT OUTDOOR TEMPERATURE
SENSOR
DT OUTDOOR TEMPERATURE
SENSOR
THERMOSTAT
THES RESISTANCE HEAT SWITCH
SC SWITCHOVER VALVE SOLENOID
SWITCHOVER VALVE SOLENOID
SWITCHOVER VALVE SOLENOID
THE STRANSFORMER
TS HEATING-COOLING THERMOSTAT
TNS TRANSFORMER
TS HEATING-COOLING THERMOSTAT
TSH HEATING-COOLING THERMOSTAT
TSH HEATING-COOLING THERMOSTAT

- COLOR OF WIRE BK/BL BLACK WINE ...
COLOR OF MARKER BLACK WIRE WITH BLUE MARKER

OR ORANGE ВК BLACK YL YELLOW BLUE RD RED GR GREEN BL BROWN WH WHITE PRPURPLE

#### NOTES:

- I. 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
  WI & W2 AT AIR HANDLER.
  3. LOW VOLTAGE (24 V.) FIELD WIRING MUST BE
  I8 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

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Figure 3. 060 Models

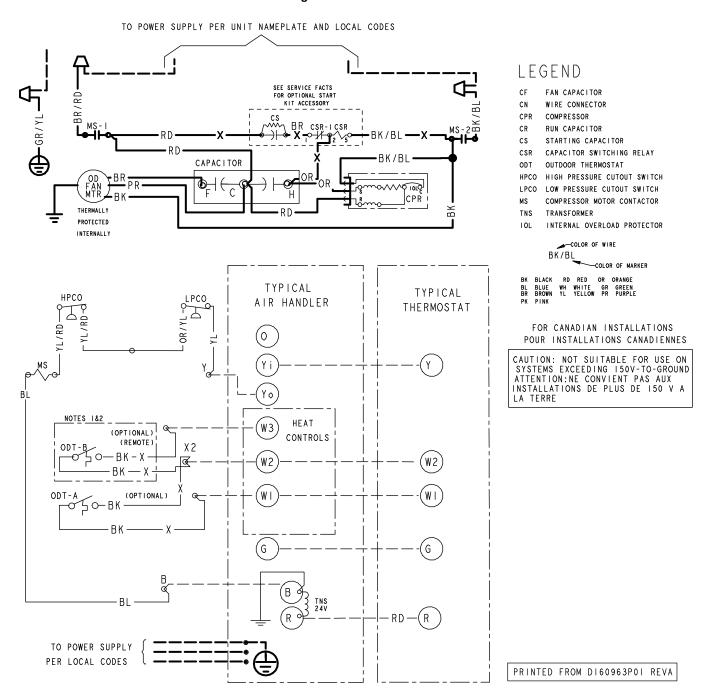
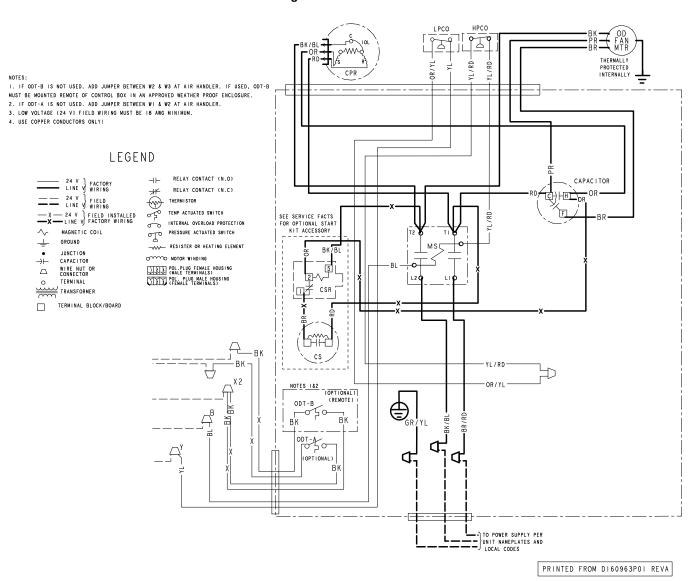


Figure 4. 060 Models





# **Outline Drawing**

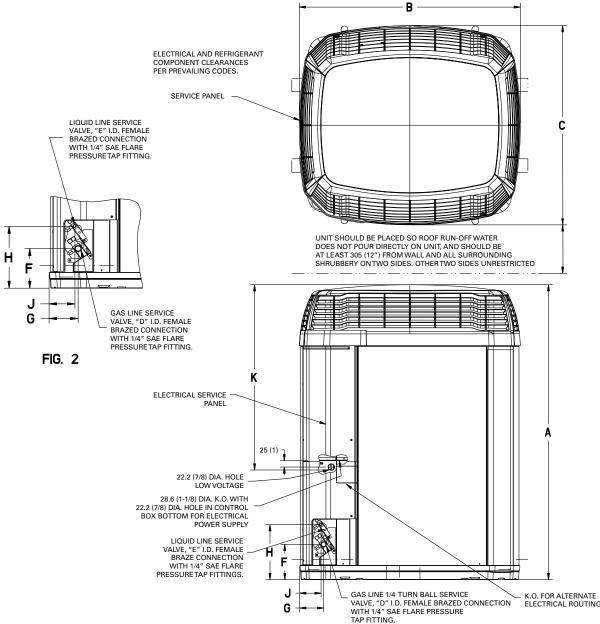


FIG. 1

Model	Base	Α	В	С	D	E	F	G	Н	J	K
4TTX6018J	3	892.106 (35.14)	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)	467.106 (18.39)
4TTX6024J	3	892.106 (35.14)	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)	467.106 (18.39)
4TTX6030J	3	1077.106 (42.39)	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)	651.106 (25.64)
4TTX6035J	3	975.106 (38.39)	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)	651.106 (25.64)
4TTX6036J	4	1103.024 (43.435)	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)	668.024 (26.31)
4TTX6041J	4	1103.024 (43.435)	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)	668.024 (26.31)



## **Outline Drawing**

4TTX6042J	4	1307.024 (51.435)	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)	668.024 (26.31)
4TTX6048J	4	1307.024 (51.435)	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)	668.024 (26.31)
4TTX6049J	4	1307.024 (51.435)	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)	668.024 (26.31)
4TTX6060J	4	1307.024 (51.435)	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)	668.024 (26.31)
4TTX6060K	4	1307.024 (51.435)	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)	668.024 (26.31)
4TTX6061J	4	1307.024 (51.435)	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)	668.024 (26.31)



## **Mechanical Specification Options**

#### General

The outdoor condensing units are factory charged with the system charge required for the outdoor condensing unit, ten (10) feet of tested connecting line, and the smallest rated indoor evaporative coil match. 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 certified to UL 1995. Exterior is designed for outdoor application.

#### Casing

Unit casing is constructed of heavy gauge, galvanized steel and painted with a weather-resistant powder paint finish. The corner panels are prepainted. All panels are subjected to our 1,000 hour salt spray test.

#### **Refrigerant Controls**

Refrigeration system controls include condenser fan, compressor contactor and low and high pressure switches. A factory supplied, field installed liquid line drier is standard.

#### Compressor

The compressor features internal over temperature and pressure protection. 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 system has a cooling capacity 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.

The addition of the BAYLOAM107A low ambient kit permits ambient cooling to 20°F.

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



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