



4TTX6024-SQ-100.01

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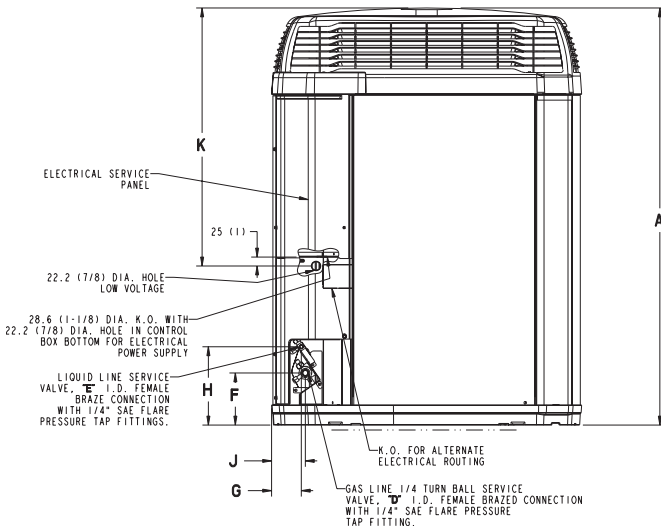
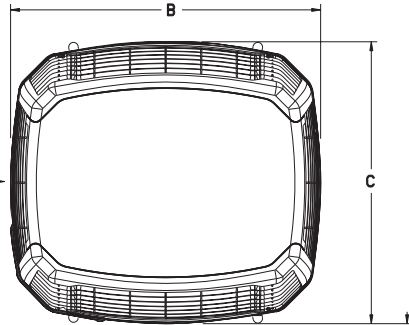
# SUBMITTAL

NOTE: All dimensions are in mm/inches.

## 2 Ton Split System Cooling — 1 Phase 4TTX6024B

### OUTDOOR UNIT 4TTX6024B1000A

Model No.(1)	4TTX6024B1000AA
Electrical Data V/Ph/Hz(2)	230/1/60
Min Cir Ampacity	13
Max Fuse Size (Amps)	20
Compressor	CLIMATUFF(R) - SCROLL
RL Amps - LR Amps	10.3 - 52
Outdoor Fan FL Amps	0.6
Fan HP	1/15
Fan Dia (inches)	23
Coil	Spine Fin TM
Refrigerant R-410A	5/09-LB/OZ
Line Size-(in.) O.D. Gas (3)	5/8
Line Size-(in.) O.D. Liquid (3)	5/16
Dimensions HxWxD (Crated)	47.6 X 30.1 X 33
Weight-Shipping	256
Weight-Net	220
Start Components	YES
Sound Enclosure	YES
Compressor Sump Heat	NO



- ① Certified in accordance with the Unitary Air-Conditioner equipment certification program which is based on ARI Standard 210/240.
- ② Calculated in accordance with N.E.C. Use only HACR circuit breakers or fuses.
- ③ Standard line lengths - 80'. Standard lift - 25' 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.

MODELS	BASE	A	B	C	D	E	F	G	H	J	K
4TTX6024B	3	1118 (44)	829 (32-5/8)	756 (29-3/4)	5/8	5/16	143 (5-5/8)	92 (3-5/8)	210 (8-1/4)	79 (3-1/8)	692 (27-1/4)

From Dwg. 21D152635 Rev.10



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

MODEL	SOUND POWER LEVEL [dB(A)]	A-WEIGHTED FULL OCTAVE SOUND POWER LEVEL dB - [dB(A)]							
		63	125	250	500	1000	2000	4000	8000
4TTX6024B1	73	42.3	53.1	57.2	68.9	63.4	61.2	51.7	44.5

# System Ratings

## 4TTX6024B1

### CONDENSING UNIT WITH AIR HANDLERS

AIR HANDLER	CFM	TOTAL CAPACITY	SENSIBLE CAPACITY	KW	SEER	EER
4TEE3F31A1	780	24200	17500	1.98	16.30	12.20
4TEE3F37A1	800	24000	18100	1.97	16.25	12.20

### CONDENSING UNIT WITH FURNACE AND COILS

FURNACE AND COIL	CFM	TOTAL CAPACITY	SENSIBLE CAPACITY	KW	SEER	EER
TDD060R9V3+RXC025S3	810	22800	16900	2.00	15.25	11.40
TDD060R9V3+RXC031S3	810	24200	18300	2.00	16.25	12.10
TDD060R9V3+RXC036S3	800	24600	18600	2.00	16.50	12.30
TDD060R9V3+TXH025A4+4AYTXV-3	800	23000	17000	1.98	15.50	11.60
TDD060R9V3+TXH033A4+4AYTXV-3	800	24000	18200	1.97	16.25	12.20
TDD080R9V3+RXC025S3	760	22600	16400	1.97	15.25	11.50
TDD080R9V3+RXC031S3	770	24000	17900	1.98	16.25	12.10
TDD080R9V3+RXC036S3	770	24400	18200	1.98	16.50	12.30
TDD080R9V3+TXH025A4+4AYTXV-3	770	22800	16600	1.95	15.50	11.70
TDD080R9V3+TXH033A4+4AYTXV-3	780	24000	18000	1.97	16.25	12.20
TDY060R9V3+RXC025S3	710	22400	15900	1.96	15.00	11.40
TDY060R9V3+RXC031S3	710	23800	17200	1.97	16.00	12.10
TDY060R9V3+RXC036S3	700	24000	17300	1.97	16.25	12.20
TDY060R9V3+TXH025A4+4AYTXV-3	710	22600	16100	1.95	15.25	11.60
TDY060R9V3+TXH033A4+4AYTXV-3	700	23600	17100	1.95	16.25	12.10
TDY080R9V3+RXC025S3	710	22400	15900	1.95	15.25	11.50
TDY080R9V3+RXC031S3	710	23800	17200	1.97	16.00	12.10
TDY080R9V3+RXC036S3	710	24200	17500	1.97	16.50	12.30
TDY080R9V3+TXH025A4+4AYTXV-3	710	22600	16100	1.95	15.25	11.60
TDY080R9V3+TXH033A4+4AYTXV-3	710	23600	17100	1.95	16.25	12.10

### CONDENSING UNIT WITH FURNACE AND COILS

FURNACE AND COIL	CFM	TOTAL CAPACITY	SENSIBLE CAPACITY	KW	SEER	EER
TUD060R9V3+RXC025S3	830	22800	17100	2.02	15.00	11.30
TUD060R9V3+RXC031S3	830	24200	18500	2.03	16.00	11.90
TUD060R9V3+RXC036S3	830	24600	18800	2.02	16.50	12.20
TUD060R9V3+TXH025A4+4AYTXV-3	830	23000	17200	2.00	15.25	11.50
TUD060R9V3+TXH033A4+4AYTXV-3	820	24000	18300	2.00	16.25	12.00
TUD080R9V3+RXC025S3	810	22800	16900	2.00	15.25	11.40
TUD080R9V3+RXC031S3	820	24200	18400	2.02	16.00	12.00
TUD080R9V3+RXC036S3	820	24600	18700	2.00	16.50	12.30
TUD080R9V3+TXH025A4+4AYTXV-3	820	23000	17100	1.98	15.50	11.60
TUD080R9V3+TXH033A4+4AYTXV-3	820	24200	18500	2.00	16.25	12.10
TUD100R9V3+RXC025S3	820	22800	17000	2.02	15.00	11.30
TUD100R9V3+RXC031S3	810	24000	18200	2.02	16.00	11.90
TUD100R9V3+RXC036S3	800	24600	18600	2.02	16.50	12.20
TUD100R9V3+TXH025A4+4AYTXV-3	800	22800	16800	1.98	15.25	11.50
TUD100R9V3+TXH033A4+4AYTXV-3	790	24000	18100	2.00	16.25	12.00
TUY060R9V3+RXC025S3	720	22400	16000	1.98	15.00	11.30
TUY060R9V3+RXC031S3	720	23800	17300	2.00	16.00	11.90
TUY060R9V3+RXC036S3	720	24200	17600	1.98	16.25	12.20
TUY060R9V3+TXH025A4+4AYTXV-3	720	22600	16200	1.97	15.25	11.50
TUY060R9V3+TXH033A4+4AYTXV-3	710	23600	17100	1.97	16.00	12.00
TUY080R9V3+RXC025S3	690	22400	15800	1.96	15.00	11.40
TUY080R9V3+RXC031S3	700	23600	17000	1.97	16.00	12.00
TUY080R9V3+RXC036S3	710	24200	17500	1.97	16.25	12.30
TUY080R9V3+TXH025A4+4AYTXV-3	700	22600	16000	1.95	15.25	11.60
TUY080R9V3+TXH033A4+4AYTXV-3	710	23600	17100	1.95	16.25	12.10

# Mechanical Specification Options

## General

The 4TTX6 shall be fully charged from the factory for matched indoor section and 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 A.R.I. certified. The unit is UL listed. Exterior is designed for outdoor application.

## Casing

Unit casing is constructed of heavy gauge, galvanized steel and painted with a weather-resistant powder paint. Corrosion and weatherproof CMBP-G30 Duratuff™ Base.

## Refrigerant Controls

Refrigeration system controls include condenser fan and compressor contactor. High and low pressure controls are inherent to the compressor. Another standard feature is the liquid line dryer.

## Compressor

The Climatuff® compressor features internal over temperature and pressure protector and total dipped hermetic motor. Other features include: roto lock suction and discharge refrigeration connections, centrifugal oil pump, and low vibration and noise. The Climatuff® compressor is standard with a 10 year limited warranty.

## Condenser Coil

The Spine Fin™ coil is continuously wrapped, corrosion resistant all aluminum with minimum brazed joints. Coils are lab tested to withstand 2,000 pounds of pressure per square inch. The outdoor coil provides low airflow resistance and efficient heat transfer. The coil is protected on all four sides by louvered panels and has a 10 year limited warranty.

## 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** — Heating/Cooling (manual and automatic changeover). Sub-base to match thermostat and locking thermostat cover.

**Evaporator Defrost Control** — See Low Ambient Cooling.

**Outdoor Thermostat** — Supplemental heat outdoor ambient lockout from 46 to -10°F.



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