



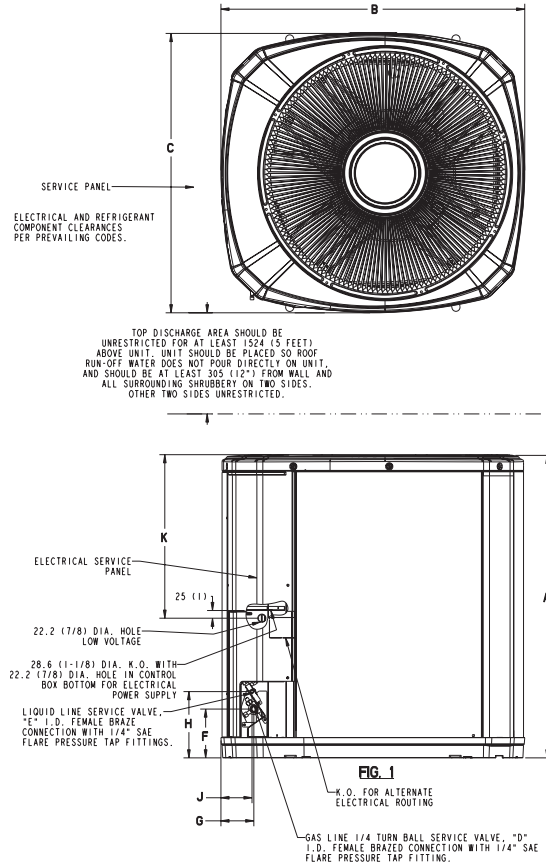
TRANE®

4TWR4024-SUB-101.00

TAG: _____

SUBMITTAL

NOTE: All dimensions are in mm/inches.



2 Ton Split System Heat Pump — 1 Phase 4TWR4024A

Model No. ①	4TWR4024A1000A
Electrical Data V/Ph/Hz ②	200/230/1/60
Min Cir Ampacity	13
Max Fuse Size (Amps)	20
Compressor	CLIMATUFF (R)
RL Amps - LR Amps	9.4 - 63
Outdoor Fan FL Amps	0.9
Fan HP	1/8
Fan Dia (inches)	23
Coil	Spine Fin™
Refrigerant R-410A	6/10-LB/OZ
Line Size - (in.) O.D. Gas ③	5/8
Line Size - (in.) O.D. Liquid ③	5/16
Dimensions H x W x D (Crated)	46 x 30.1 x 33
Weight - Shipping	251
Weight - Net	221
Start Components	YES
Sound Enclosure	YES
Compressor Sump Heat	YES

- 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 - 60'. Standard lift - 60' Suction and Liquid line.
 For Greater lengths and lifts refer to refrigerant piping software Pub# 32-3312-01. (1 denotes latest revision)



MODELS	BASE	FIG.	A	B	C	D	E	F	G	H	J	K
4TWR4024A	3	1	1035 (40-3/4)	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)	508 (20)

From Dwg. 21D152898 Rev. 10

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

MODEL	POWER LEVEL [dB(A)]	A-WEIGHTED FULL OCTAVE SOUND POWER LEVEL dB - [dB(A)]							
		63	125	250	500	1000	2000	4000	8000
4TWR4024A1	74	46.9	55.4	61.8	67.4	68.1	68	58.8	51.7

Mechanical Specification Options

General

The 4TWR4 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 ARI 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 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 a 10 year limited warranty, internal over temperature and pressure protection and total dipped hermetic motor. Other features include: roto lock suction and discharge refrigerant connections, 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 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 — 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.



10/05



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