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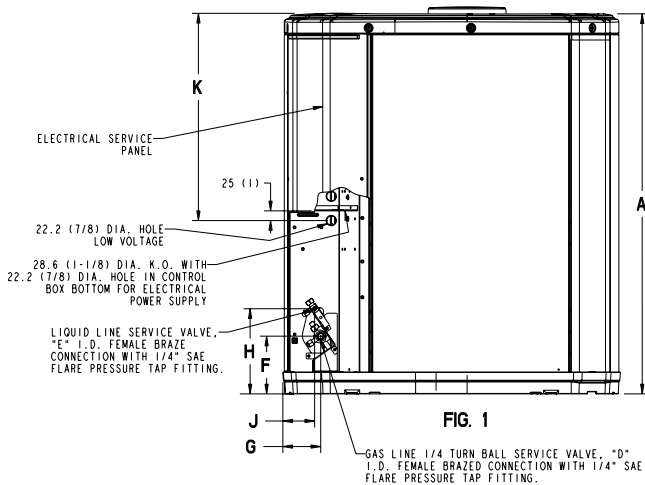
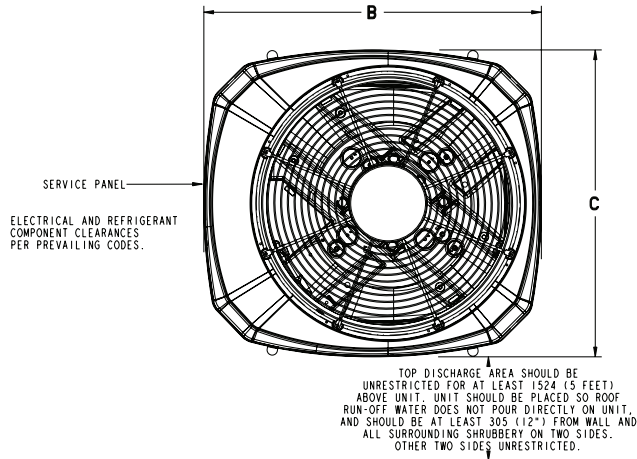
SUBMITTAL

NOTE: All dimensions are in mm/inches.

2 Ton Split System Cooling — 1 Phase

4TTB3024H

Product Specifications



From Dwg. D153074

OUTDOOR UNIT ^{①②}	4TTB3024H1000A
POWER CONNS. — V/PH/HZ ^③	208/230/1/60
MIN. BRCH. CIR. AMPACITY	18
BR. CIR. PROT. RTG. - MAX. (AMPS)	30
COMPRESSOR	SCROLL
NO. USED - NO. SPEEDS	1 - 1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS ^⑦ - L.R. AMPS	13.5 - 58.3
FACTORY INSTALLED	
START COMPONENTS ^④	NO
INSULATION/SOUND BLANKET	NO
COMPRESSOR HEAT	NO
OUTDOOR FAN	PROPELLER
DIA. (IN.) - NO. USED	18.2 - 1
TYPE DRIVE - NO. SPEEDS	DIRECT - 1
CFM @ 0.0 IN. W.G. ^④	2450
NO. MOTORS - HP	1 - 1/8
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	200/230/1/60
F.L. AMPS	0.90
OUTDOOR COIL — TYPE	SPINE FIN™
ROWS - F.P.I.	1 - 24
FACE AREA (SQ. FT.)	12.89
TUBE SIZE (IN.)	3/8
REFRIGERANT	
LBS. — R-410A (O.D. UNIT) ^⑤	4 LBS., 11 OZ.
FACTORY SUPPLIED	YES
LINE SIZE - IN. O.D. GAS ^⑥	3/4
LINE SIZE - IN. O.D. LIQ. ^⑥	3/8
CHARGING SPECIFICATION	
SUBCOOLING	10°F
DIMENSIONS	H X W X D
CRATED (IN.)	30.1 x 26.7 x 30
WEIGHT	
SHIPPING (LBS.)	150
NET (LBS.)	130

- ① Certified in accordance with the Air-Source Unitary Air-conditioner Equipment certification program, which is based on AHRI standard 210/240.
- ② Rated in accordance with AHRI standard 270.
- ③ Calculated in accordance with Natl. Elec. Codes. Use only HACR circuit breakers or fuses.
- ④ Standard Air — Dry Coil — Outdoor
- ⑤ This value approximate. For more precise value see unit nameplate.
- ⑥ Max. linear length 60 ft.; Max. lift - Suction 60 ft.; Max lift - Liquid 60 ft. For greater length consult refrigerant piping software Pub. No. 32-3312-0* (* denotes latest revision).
- ⑦ This value shown for compressor RLA on the unit nameplate and on this specification sheet is used to compute minimum branch circuit ampacity and max. fuse size. The value shown is the branch circuit selection current.
- ⑧ No means no start components. Yes means quick start kit components. PTC means positive temperature coefficient starter.

MODELS	BASE	A	B	C	D	E	F	G	H	J	K
4TTB3024H1	2	730 (28-3/4)	724 (28-1/2)	651 (25-5/8)	3/4	3/8	137 (5-3/8)	65 (2-5/8)	210 (8-1/4)	57 (2-1/4)	457 (18)

A-WEIGHTED SOUND POWER LEVEL [dB(A)]									
MODELS	SOUND POWER LEVEL [dB(A)]	A-WEIGHTED FULL OCTOAVE SOUND POWER LEVEL Db - [dB(A)]							
		63	125	250	500	1000	2000	4000	8000
4TTB3024H	74	47.9	60.5	64.1	71.2	71.2	69.0	58.2	51.5

Note: Rated in accordance with AHRI Standard 270-2008

Mechanical Specification Options

General

The 4TTB3 models shall be fully charged from the factory for matched indoor section and up to 15 feet of piping. This unit must be designed to operate at outdoor ambient temperatures as high as 115°F. Cooling capacities shall be matched with a wide selection of air handlers and furnace coils that are AHRI certified. The unit is certified to UL 1995. Exterior must be 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 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 compressor features internal over temperature and pressure protector, 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 — 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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