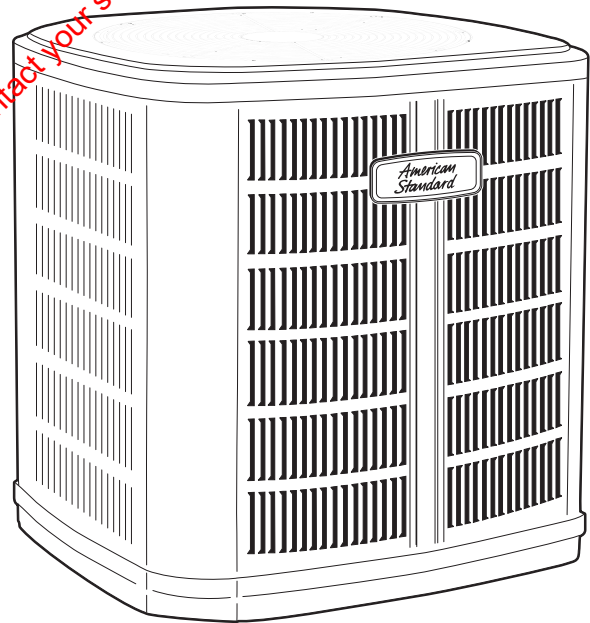


Cut Sheets

3 Ton Split System Cooling – 3 Phase

4A7C3036B

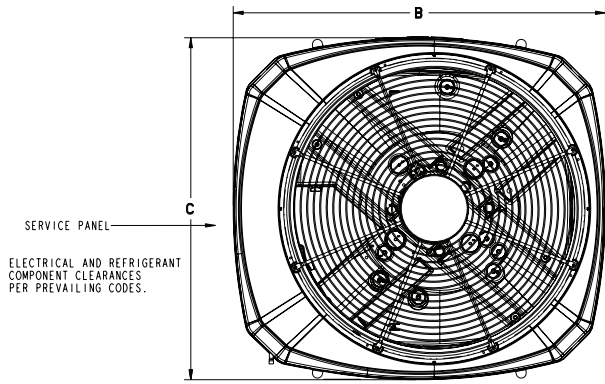


Note: "Graphics in this document are for representation only. Actual model may differ in appearance."

These cut sheets are for reference only. Stock model numbers may differ. Contact your salesperson for job specific submittals for engineer approval.

NOTE: All dimensions are in mm/inches.

Product Specifications



TOP DISCHARGE AREA SHOULD BE UNRESTRICTED FOR AT LEAST 1524 (5 FEET) ABOVE UNIT. UNIT SHOULD BE PLACED SO ROOF RUN-OFF WATER DOES NOT POUR DIRECTLY ON UNIT, AND SHOULD BE AT LEAST 305 (12") FROM WALL AND ALL SURROUNDING SHRUBBERY ON TWO SIDES. OTHER TWO SIDES UNRESTRICTED.

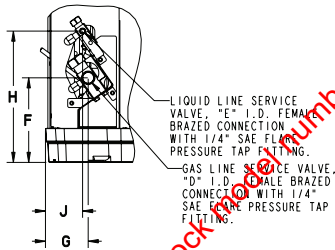
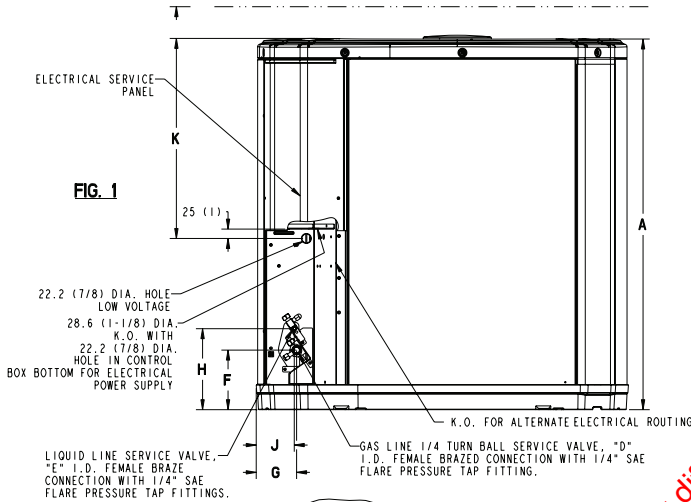


FIG. 2

From Dwg. D156010 Rev. 01

OUTDOOR UNIT ①②	4A7C3036B3000B	4A7C3036B4000B
POWER CONNS. - V/PH/HZ ③	208/230/3/60	460/3/60
MIN. BRCH. CIR. AMPACITY	14	8
BR. CIR. PROT. RTG. - MAX. (AMPS)	20	15
COMPRESSOR	SCROLL	SCROLL
NO. USED - NO. SPEEDS	1 - 1	1 - 1
VOLTS/PH/HZ	200/230/3/60	460/3/60
R.L. AMPS ⑦ - L.R. AMPS	10.4 - 73	5.8 - 38
FACTORY INSTALLED		
START COMPONENTS ⑧	NO	NO
INSULATION/SOUND BLANKET	NO	NO
COMPRESSOR HEAT	YES	YES
OUTDOOR FAN	PROPELLER	PROPELLER
DIA. (IN.) - NO. USED	23 - 1	23 - 1
TYPE DRIVE - NO. SPEEDS	DIRECT - 1	DIRECT - 1
CFM @ 0.0 IN. W.G. ④	2800	2800
NO. MOTORS - HP	1 - 1/8	1 - 1/8
MOTOR SPEED R.P.M.	825	825
VOLTS/PH/HZ	200/230/1/60	460/3/60
F.L. AMPS	0.64	.40
OUTDOOR COIL - TYPE	SPINE FIN™	SPINE FIN™
ROWS - F.P.I.	1 - 24	1 - 24
FACE AREA (SQ. FT.)	12.89	12.89
TUBE SIZE (IN.)	3/8	3/8
REFRIGERANT		
LBS. - R-410A (O.D. UNIT) ⑤	5 LBS., 0 OZ.	5 LBS., 0 OZ.
FACTORY SUPPLIED	YES	YES
LINE SIZE - IN. O.D. GAS ⑥	3/4	3/4
LINE SIZE - IN. O.D. LIQ ⑥	3/8	3/8
CHARGING SPECIFICATION		
SUBCOOLING	10°F	10°F
DIMENSIONS	H X W X D	H X W X D
CRATED (IN.)	34 x 30.1 x 33	34 x 30.1 x 33
WEIGHT		
SHIPPING (LBS.)	176	176
NET (LBS.)	149	149

- 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	F.L.	A	B	C	D	E	F	G	H	J	K
4A7C3036B	3	1	733 (28-3/4)	829 (32-5/8)	756 (29-3/4)	3/4	3/8	137 (5-3/8)	79 (3-1/8)	197 (7-3/4)	60 (2-3/8)	508 (20)

A-WEIGHTED SOUND POWER LEVEL [dB(A)]									
MODEL	SOUND POWER LEVEL [dB(A)]	A-WEIGHTED FULL OCTOAVE SOUND POWER LEVEL Db - [dB(A)]							
		63	125	250	500	1000	2000	4000	8000
4A7C3036B	78	45.5	58.7	63.1	69.7	70	68.1	59	49.8

Note: Rated in accordance with AHRI Standard 270-2008

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 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 and thermostatically controlled sump heater. Other features include: roto lock suction and discharge refrigeration connections, centrifugal oil pump, and low vibration and noise.

Condenser Coil

The Spine Fin™ coil shall be continuously wrapped, corrosion resistant all aluminum with minimum brazed joints. This coil is 5/16 inch O.D. seamless aluminum glued to a continuous aluminum fin. 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.

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.

American Standard
HEATING & AIR CONDITIONING

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The AHRI Certified mark indicates company participation in the AHRI Certification program. For verification of individual certified products, go to ahridirectory.org.

The manufacturer has a policy of continuous data improvement and it reserves the right to change design and specifications without notice. We are committed to using environmentally conscious print practices.

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