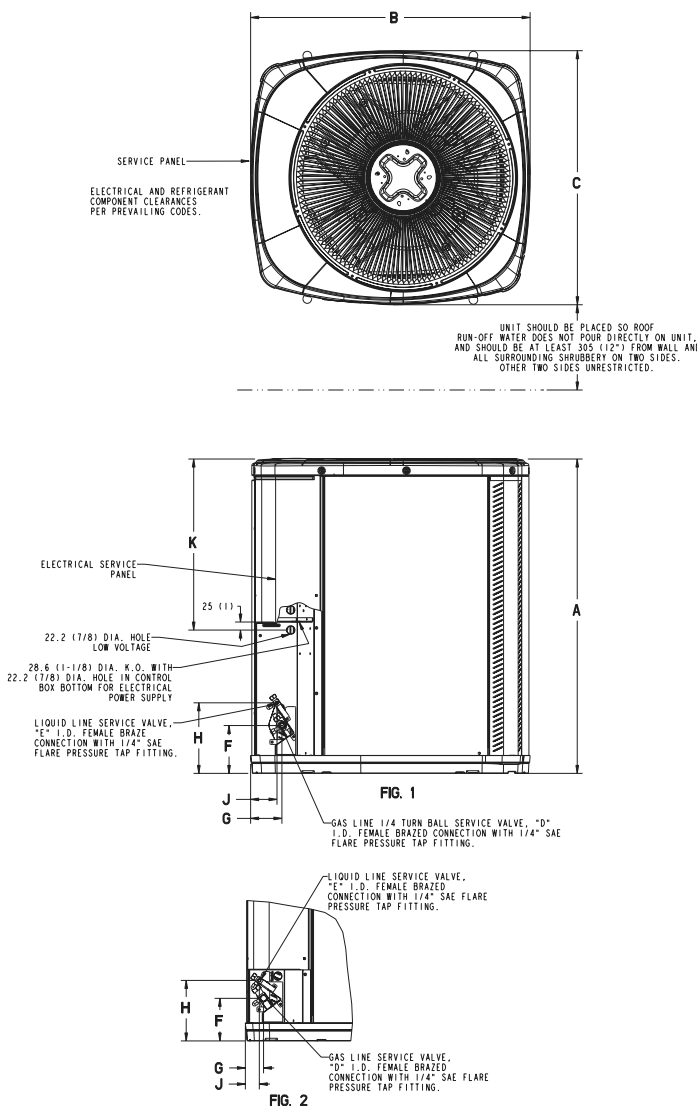


TAG: _____

Specifications

NOTE: All dimensions are in mm/inches.



MODELS	BASE	FIG.	A	B	C	D	E	F	G	H	J	K
2A7C0060A	3	1	832 (32-3/4)	829 (32-5/8)	756 (29-3/4)	1-1/8	3/8	143 (5-5/8)	92 (3-5/8)	210 (8-1/4)	79 (3-1/8)	508 (20)

From Dwg. 21D153074 Rev. 5

5 Ton Split System Condensing Unit — 3 Phase 2A7C0060A

Outdoor Unit ①② 2A7C0060A3000A 2A7C0060A4000A

General Data

SOUND RATING (DECIBELS) ②	82	82
POWER CONNS. — V/PH/HZ ③	200/230/3/60	460 /3/60
MIN. BRCH. CIR. AMPACITY	27	13
BR. CIR. } MAX. (AMPS)	45	20
PROT. RTG. } MIN. (AMPS)	40	20
COMPRESSOR	DURATION™	DURATION™
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	19.7 - 139	9.6 - 71
FACTORY INSTALLED		
START COMPONENTS ⑧	NO	NO
INSULATION/SOUND BLANKET	NO	NO
COMPRESSOR HEAT	YES	YES
OUTDOOR FAN — TYPE	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	3700	3700
NO. MOTORS - HP	1 - 1/4	1 - 1/4
MOTOR SPEED R.P.M.	825	825
VOLTS/PH/HZ	200/230/3/60	460/3/60
F.L. AMPS	1.9	1
OUTDOOR COIL — TYPE	SPINE FIN™	SPINE FIN™
ROWS - F.P.I.	1 - 24	1 - 24
FACE AREA (SQ. FT.)	18.75	18.75
TUBE SIZE (IN.)	3/8	3/8
REFRIGERANT	R-22	R-22
(O.D. UNIT) NP CHR. ⑤	7/07-LB/OZ	7/07-LB/OZ
FACTORY SUPPLIED	YES	YES
LINE SIZE - IN. O.D. GAS ⑥	1-1/8	1-1/8
LINE SIZE - IN. O.D. LIQ. ⑥	3/8	3/8
FCCV		
RESTRICTOR ORIFICE SIZE	0.092	0.092
DIMENSIONS	H X W X D	H X W X D
OUTDOOR UNIT CRATED (IN.)	33.2 X 26.7 X 30.2	33.2 X 26.7 X 30.2
UNCRADED	SEE OUTLINE DWG.	SEE OUTLINE DWG.
WEIGHT		
SHIPPING (LBS.)	254	254
NET (LBS.)	226	226

NOTES:

- ① CERTIFIED IN ACCORDANCE WITH THE UNITARY AIR-CONDITIONER EQUIPMENT CERTIFICATION PROGRAM WHICH IS BASED ON A.R.I. STANDARD 210/240.
- ② RATED IN ACCORDANCE WITH A.R.I. STANDARD 270/SECTION 5.3.6.
- ③ CALCULATED IN ACCORDANCE WITH NATIONAL ELECTRIC CODE. ONLY USE HACR CIRCUIT BREAKERS OR FUSES.
- ④ STANDARD AIR - DRY COIL - OUTDOOR
- ⑤ THIS VALUE APPROXIMATE. FOR MORE PRECISE VALUE SEE UNIT NAMEPLATE AND SERVICE INSTRUCTION.
- ⑥ MAX. LINEAR LENGTH: 60 FT WITH RECIPROCATING COMPRESSOR - 60 FT WITH SCROLL. MAX. LIFT - SUCTION 60 FT; MAX. LIFT - LIQUID 60 FT. FOR GREATER LENGTH REFER TO REFRIGERANT PIPING SOFTWARE Pub# 32-3312-01. (1 denotes latest revision).
- ⑦ THE VALUE SHOWN FOR COMPRESSOR RLA ON THE UNIT NAMEPLATE AND ON THIS SPECIFICATION SHEET IS USED TO COMPUTE MINIMUM BRANCH CIRCUIT AMPACITY AND MAXIMUM 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.



Mechanical Specification Options

General

These 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 A.R.I. certified. The unit shall be UL listed. 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 finish on all louvered panels. Corrosion and weatherproof CMBP-G30 DuraBase™ base.

Refrigerant Controls

Refrigeration system controls include condenser fan and compressor contactor. High and low pressure controls are inherent to the compressor. Unit also has high pressure switch. Another standard feature is the liquid line drier.

Compressor

The Duration™ compressor features internal over temperature and pressure protector, dipped hermetic motor and sump heater. Other features include: roto lock suction and discharge refrigerant connections, centrifugal oil pump, and low vibration and noise. The Duration™ compressor features a 5-year limited warranty.

Condenser Coil

The Spine Fin™ coil shall be continuously wrapped, corrosion resistant all aluminum with minimum brazed joints. This coil is seamless aluminum glued to a continuous aluminum fin. Coils are lab tested to withstand 2,000 pounds of pressure per square inch.

Low Ambient Cooling

As shipped, 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 — Heat/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 lock-out from 46 to -10°F.



*American
Standard*

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10/02

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