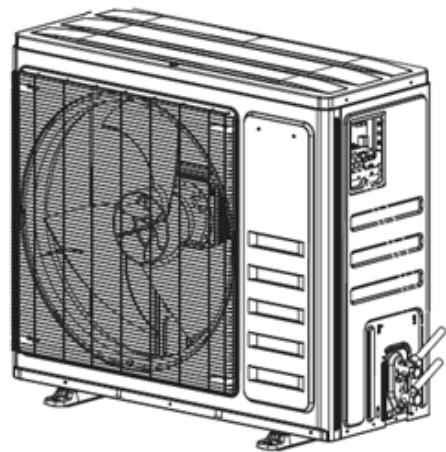


Submittal

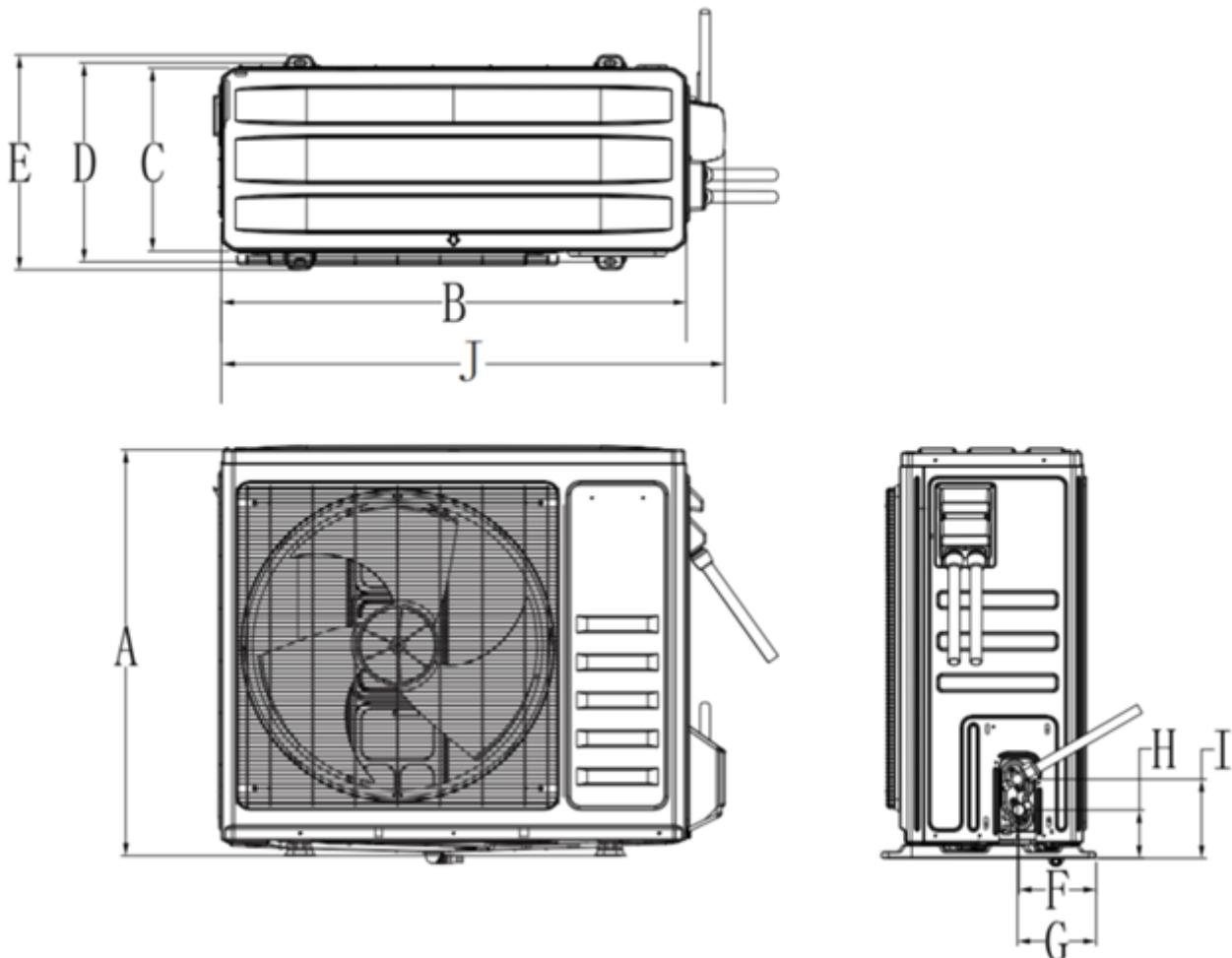
Split System Heat Pump

A5HL5024A1



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

Outline Drawing



Note: All dimensions are reference dimensions.

Model	A	B	C	D	E	F	G	H	I	J
A5HL5024A1	31.35	35.83	14.13	15.36	16.59	5.97	6.07	3.71	6.09	38.54

Note: All dimensions are in inches.

SOUND POWER LEVEL									
Model	A-Weighted Sound Power Level [dB(A)]	Full Octave Sound Power [dB]							
		63Hz*	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz
A5HL5024A1	58	55	47	44	43	52	49	37	29

Notes:

- Rated in accordance with AHRI Standard 270-2015.
- *For reference only.

Product Specifications

OUTDOOR UNIT^(a)	A5HL5024A1
POWER CONNS. — V/PH/HZ ^(b)	208/230/1/60
MIN. CIR. AMPACITY	22
MAX. OVERCURRENT PROTECTION	35
COMPRESSOR	Rotary
NO. USED — NO. STAGES	1-MULTI
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS ^(c)	9.4
FACTORY INSTALLED	
START COMPONENTS ^(d)	NO
INSULATION/SOUND BLANKET	YES
COMPRESSOR HEAT	YES
OUTDOOR FAN	PROPELLER
DIA. (IN.) — NO. USED	21-5/8-1
TYPE DRIVE — NO. SPEEDS	DIRECT - MULTI
NO. MOTORS — HP	1-1/8
CFM @ 0.0 IN. W.G. ^(e)	2350
MOTOR SPEED R.P.M.	850
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	1.1
OUTDOOR COIL — TYPE	PLATE FIN
ROWS — F.P.I.	2-18
FACE AREA (SQ. FT.)	8-3/32

OUTDOOR UNIT^(a)	A5HL5024A1
TUBE SIZE (IN.)	0.275
REFRIGERANT CONTROL	ELEC. EXPANSION VALVE
REFRIGERANT	
LBS. — R454B (O.D. UNIT) ^(f)	5 LBS, 4.6 OZ
FACTORY SUPPLIED	YES
LINE SIZE — IN. O.D. GAS	3/4
LINE SIZE — IN. O.D. LIQ.	3/8
DIMENSIONS	H x W x D
CRATED (IN.)	36-11/16×40-1/4×18-15/16
UNCRATED (IN.)	31-11/32×38-1/2×16-9/16
WEIGHT	
Shipping	146
Net (Lbs.)	135

(a) Certified in accordance with the Air-Source Unitary Air-conditioner Equipment certification program, which is based on AHRI standard 210/240.

(b) Calculated in accordance with Natl. Elec. Codes. Use only HACR circuit breakers or fuses.

(c) 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.

(d) No means no start components.

(e) Standard Air — Dry Coil — Outdoor

(f) This value is approximate. For more precise value see unit nameplate.

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 are matched with a wide selection of air handlers and furnace coils that are AHRI certified. The unit is certified to UL 60335-2-40. Exterior is designed for outdoor application.

Refrigerant Controls

Refrigeration system controls include condenser fan, compressor drive and low and high pressure switches.

Compressor

The compressor features external over temperature and pressure protection. 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 grilles and panels.

Low Ambient Cooling

As manufactured, this system has a cooling capacity to 5°F.

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