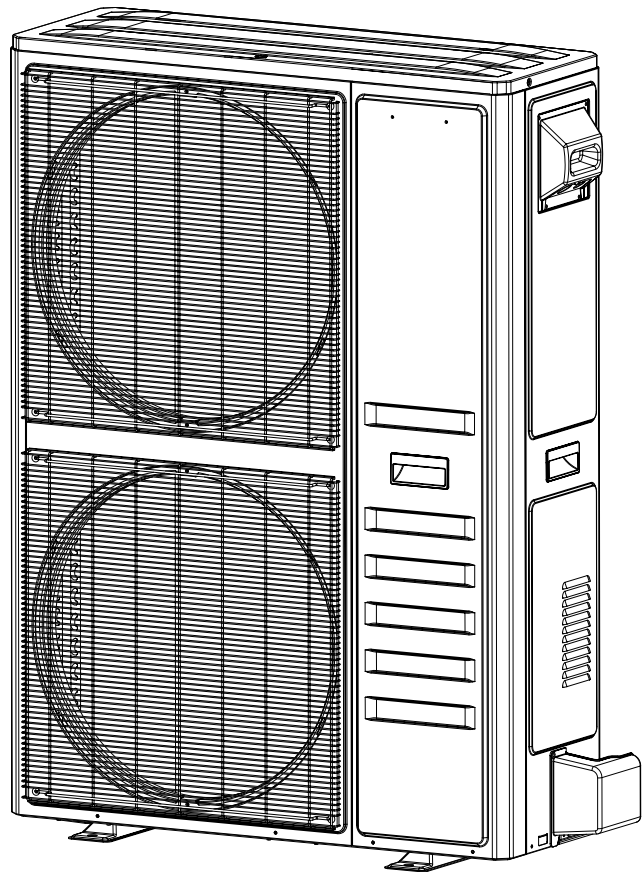


Submittal

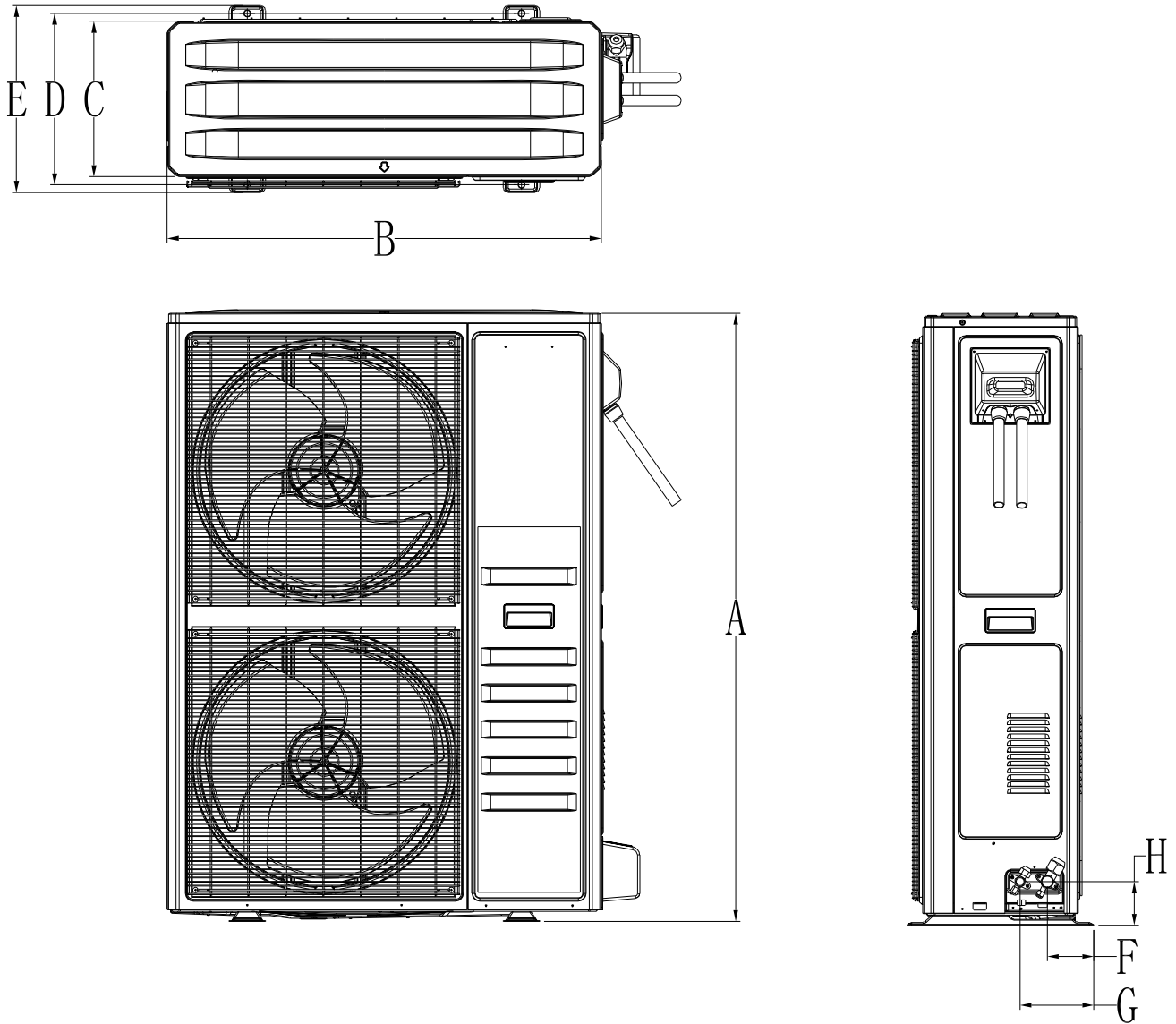
Split System Heat Pump

E4HL5042A1000A



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

Outline Drawing



Model	A	B	C	D	E	F	G	H
E4HL5042A1000A	52.40	37.40	13.39	14.76	16.10	4.00	6.37	3.75

All dimensions are in inches

NOTE: ALL DIMENSIONS ARE REFERENCE DIMENSIONS

Model	A-Weighted Sound Power Level [dB(A)]	SOUND POWER LEVEL							
		Full Octave Sound Power [dB]							
		63Hz*	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz
E4HL5042A1000A	68	66	62	60	63	67	57	48	38

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

Product Specifications

OUTDOOR UNIT (a)	E4HL5042A1000A
POWER CONNS. — V/PH/HZ (b)	208/230/1/60
MIN. CIR. AMPACITY	31
MAX. OVERCURRENT PROTECTION	50
COMPRESSOR	Rotary
NO. USED — NO. STAGES	1-VARIABLE
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS (c)	21.6
FACTORY INSTALLED	
START COMPONENTS (d)	NO
INSULATION/SOUND BLANKET	YES
COMPRESSOR HEAT	NO
OUTDOOR FAN	PROPELLER
DIA. (IN.) — NO. USED	20-7/8"-2
TYPE DRIVE — NO. SPEEDS	DIRECT — VARIABLE
NO. MOTORS — HP	2-1/10
CFM @ 0.0 IN. W.G. (e)	4200
MOTOR SPEED R.P.M.	850
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	1.45
OUTDOOR COIL — TYPE	PLATE FIN
ROWS — F.P.I.	2-17
FACE AREA (SQ. FT.)	14.34
TUBE SIZE (IN.)	3/8"
REFRIGERANT CONTROL	ELEC. EXPANSION VALVE
REFRIGERANT	
LBS. — R-410A (O.D. UNIT) (f)	9 LBS, 14 OZ
FACTORY SUPPLIED	YES
LINE SIZE — IN. O.D. GAS	7/8"
LINE SIZE — IN. O.D. LIQ.	3/8"
CHARGING SPECIFICATIONS	
SUBCOOLING	5°F
DIMENSIONS	H x W x D
CRATED (IN.)	41-3/8"×54"×19-1/8"
UNCRATED (IN.)	37-3/8"×52-3/8"×14-3/8"
WEIGHT	
Shipping	238
Net (Lbs.)	231

(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, 24.6 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.

Casing

Unit is painted with a glossy corrosion resistant finish on all panels. Unit casing is constructed of heavy gauge, galvanized steel and painted with a weather-resistant powder paint finish. All panels are subjected to our 500 hour salt spray test.

Refrigerant Controls

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

Trane - by Trane Technologies (NYSE: TT), a global innovator - creates comfortable, energy efficient indoor environments for commercial and residential applications. For more information, please visit trane.com or tranetechnologies.com.



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