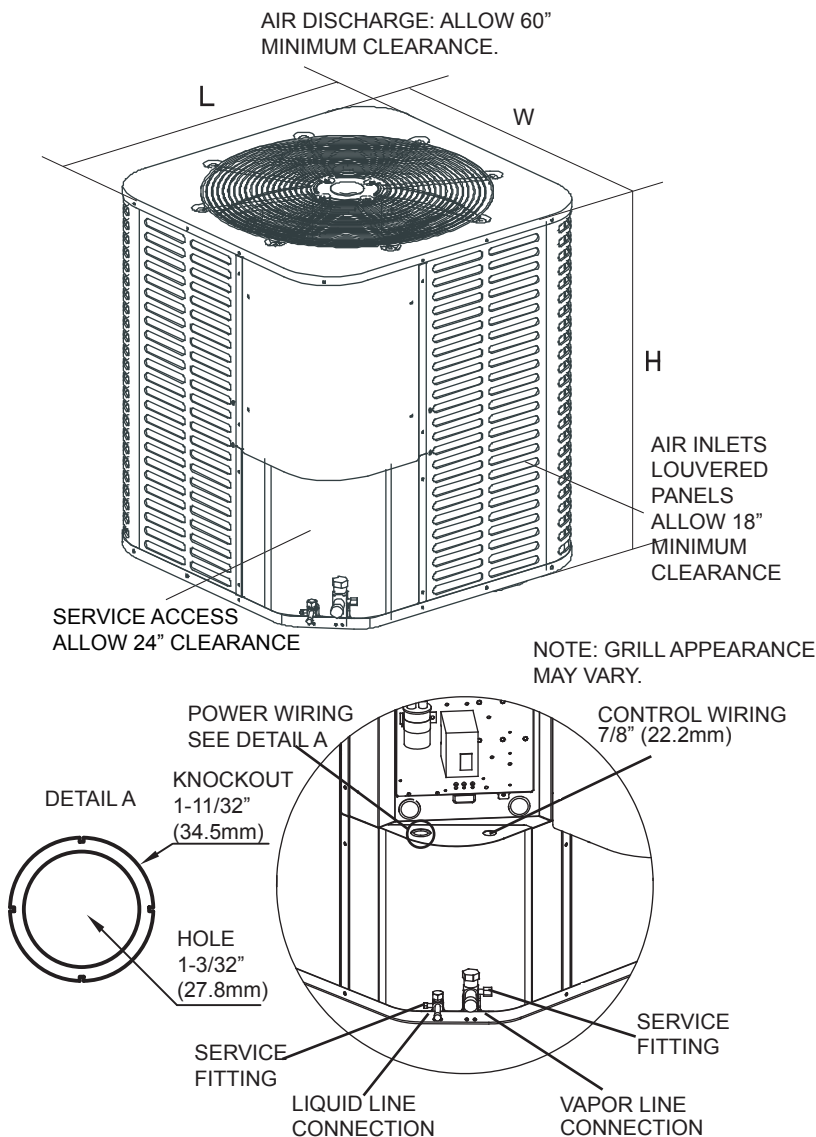


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SUBMITTAL

2.5 Ton Split System Heat Pump - 1 Phase M4HP4030A1000AA



Product Specifications

OUTDOOR UNIT	M4HP4030A1000AA
POWER CONNS. — V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	18.7
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 - L.R. AMPS	14.7-73.0
FACTORY INSTALLED	
START COMPONENTS	NO
INSULATION/SOUND BLANKET	NO
COMPRESSOR HEAT	YES
OUTDOOR FAN	PROPELLER
DIA. (IN.) - NO. USED	23 - 1
TYPE DRIVE - NO. SPEEDS	DIRECT - 1
CFM @ 0.0 IN. W.G.	2999
NO. MOTORS - HP	1 - 1/6
MOTOR SPEED R.P.M.	825
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	1.0
OUTDOOR COIL — TYPE	PLATE FIN
ROWS - F.P.I.	2 - 19
FACE AREA (SQ. FT.)	12.84
TUBE SIZE (IN.)	9/32
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. — R-410A (O.D. UNIT)	8 LBS. - 10OZ.
FACTORY SUPPLIED	YES
LINE SIZE - IN. O.D. GAS	3/4
LINE SIZE - IN. O.D. LIQ.	3/8
CHARGING SPECIFICATION	
SUBCOOLING	8° F
DIMENSIONS	H X W X D
CRATED (IN.)	29x26-1/4x29
WEIGHT	
SHIPPING (LBS.)	176
NET (LBS.)	165

NOTE: All dimensions are in mm/inches.

Model	H	W	L	LIQUID VALVE SIZE	GAS VALVE SIZE
M4HP4030A1000AA	633 (24-15/16)	710 (28)	710 (28)	3/8	3/4

Mechanical Specification Options

General

The M4HP40 is fully charged from the factory. This unit is designed to operate at outdoor ambient temperatures as high as 115°F. Cooling capacities are matched with air handlers and furnace coils that are AHRI certified. The unit is certified to ETL. Exterior is designed for outdoor application.

Casing

Unit casing is constructed of heavy gauge, Galvanized steel and painted with a weather-resistant powder paint on all grilles, panels, pre-paint on all other panels. And had 500-hours salt spray tested.

Refrigerant Controls

Refrigeration system controls include condenserfan, compressor contactor, high pressure switch and low pressure switch. The factory installed crankcase heat can protect compress when it stands by.

Scroll Compressor

Features include 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 grille panels.

Optional accessories

Thermostats —

When choosing a thermostat, choose a non-programmable electric thermostat series. Please refer to the thermostat electrical manual wiring schematic.

Liquid line drier —

It is used to filter out impurities and water in the system, ensures system clean and dry.



Ameristar

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