Ameristar

TAG:

SUBMITTAL

AIR DISCHARGE: ALLOW 60" MINIMUM CLEARANCE. W Η AIR INLETS **LOUVERED PANELS** ALLOW 18" MINIMUM **CLEARANCE** SERVICE ACCESS ALLOW 24" CLEARANCE NOTE: GRILL APPEARANCE MAY VARY. POWER WIRING **CONTROL WIRING** SEE DETAIL A KNOCKOUT **DETAIL A** 1-11/32" (34.5mm) HOLE 1-3/32" (27.8mm) SERVICE

5.0 Ton Split System Heat Pump - 1 Phase M4HP3060A1000AA

Product Specifications

| OUTDOOR UNIT M4HP3060A1000AA POWER CONNS. — V/PH/HZ 208/230/1/60 MIN. BRCH. CIR. AMPACITY 36.7 BR. CIR. PROT. RTG MAX. (AMPS) 60 COMPRESSOR SCROLL NO. USED - NO. SPEEDS 1 - 1 VOLTS/PH/HZ 208/230/1/60 R.L. AMPS - L.R. AMPS 26.4-134.0 FACTORY INSTALLED NO START COMPONENTS NO INSULATION/SOUND BLANKET NO COMPRESSOR HEAT NO OUTDOOR FAN PROPELLER DIA. (IN.) - NO. USED 23-5/8 - 1 TYPE DRIVE - NO. SPEEDS DIRECT - 1 CFM @ 0.0 IN. W.G. 4269 NO. MOTORS - HP 1 - 1/3 MOTOR SPEED R.P.M. 1075 VOLTS/PH/HZ 208/230/1/60 F.L. AMPS 1.7 OUTDOOR COIL — TYPE PLATE FIN ROWS - F.P.I. 2 - 19 FACE AREA (SQ. FT.) 18.45 TUBE SIZE (IN.) 9/32 REFRIGERANT ORIFICE LINE SIZE - IN. O.D. GAS 7/8 | Product Specifications | | | | | |
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| BR. CIR. PROT. RTG MAX. (AMPS) COMPRESSOR NO. USED - NO. SPEEDS R.L. AMPS - L.R. AMPS FACTORY INSTALLED START COMPONENTS INSULATION/SOUND BLANKET COMPRESSOR HEAT NO COMPRESSOR HEAT OUTDOOR FAN DIA. (IN.) - NO. USED PROPELLER DIA. (IN.) - NO. USED PROPELLER DIA. (IN.) - NO. USED NO. MOTORS - HP NO. MOTORS - HP NO. MOTOR SPEED RP.M. NO. MOTOR SPEED RP.M. NO. MOTOR SPEED RP.M. PLATE FIN ROWS - F.P.I. PACE AREA (SQ. FT.) TUBE SIZE (IN.) REFRIGERANT LBS. — R-410A (O.D. UNIT) FACTORY SUPPLIED YES LINE SIZE - IN. O.D. CAS LINE SIZE - IN. O.D. LIQ. CHARGING SPECIFICATION SUBCOOLING REGED WEIGHT SHIPPING (LBS.) 208/230/1/60 RC. T. 10 LBS 130Z. REATED (IN.) 30-1/5x34-1/2x30-1/5 WEIGHT SHIPPING (LBS.) 238 | POWER CONNS. — V/PH/HZ | 208/230/1/60 | | | | |
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| SHIPPING (LBS.) 238 | | 30-1/5x34-1/2x30-1/5 | | | | |
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| NET (LBS.) 222 | ` , | | | | | |
| | NET (LBS.) | 222 | | | | |

NOTE: All dimensions are in mm/inches.

LIQUID'LINE CONNECTION

SERVICE FITTING

| Model | Н | W | L | LIQUID VALVE SIZE | GAS VALVE SIZE |
|-----------------|---------------|--------------|--------------|-------------------|----------------|
| M4HP3060A1000AA | 843 (33-3/16) | 740 (29-1/8) | 740 (29-1/8) | 3/8 | 7/8 |

FITTING

VAPOR LINE

CONNECTION

Mechanical Specification Options

General

The M4HP30 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 weatherresistant powder paint on all grilles, panels, pre-paint on all other panels. And had 500hours 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