# Ameristar

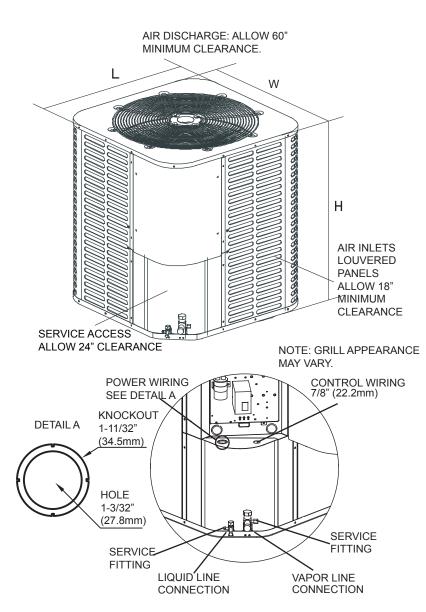
TAG:

### M4HP3036A1000AA

# SUBMITTAL

## 3.0 Ton Split System Heat Pump - 1 Phase M4HP3036A1000AA

OUTDOOR UNIT M4HP3036A1000AA   POWER CONNS. — V/PH/HZ 208/230/1/60   MIN. BRCH. CIR. AMPACITY 21.9   BR. CIR. PROT. RTG MAX. (AMPS) 35   COMPRESSOR SCROLL   NO. USED - NO. SPEEDS 1 - 1   VOLTS/PH/HZ 208/230/1/60   R.L. AMPS - L.R. AMPS 16.7-79.0   FACTORY INSTALLED START COMPONENTS   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. 29999   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 COLL — TYPE PLATE FIN   ROWS - F.P.I. 2 - 19   FACE AREA (SO. FT.) 12.84   TUBE SIZE (IN.) 9/32   REFRIGERANT LBS 13OZ.   FACTORY SUPPLIED YES <th colspan="5">Product Specifications</th>	Product Specifications				
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$\begin{array}{cccc} CFM @ 0.0 \text{ IN. W.G.} & 2999 \\ NO. \text{ MOTORS - HP} & 1 - 1/6 \\ MOTOR \text{ SPEED} \text{ RP.M.} & 825 \\ VOLTS/PH/HZ & 208/230/1/60 \\ \overline{F.L. \text{ AMPS}} & 1.0 \\ \hline OUTDOOR \text{ COLL} & - \text{ TYPE} & PLATE \text{ FIN} \\ ROWS - FP.I. & 2 - 19 \\ \overline{FACE} \text{ AREA} (\text{SQ. FT.}) & 12.84 \\ \overline{TUBE} \text{ SIZE} (IN.) & 9/32 \\ \hline REFRIGERANT \text{ CONTROL} & ORIFICE \\ \hline REFRIGERANT \\ LBS. - R-410A (O.D. \text{ UNIT}) & 7 \text{ LBS 13OZ.} \\ \overline{FACTORY} \text{ SUPPLIED} & \mathrm{YES} \\ LINE \text{ SIZE} - IN. \text{ O.D. GAS} & 3/4 \\ \hline LINE \text{ SIZE} - IN. \text{ O.D. LIQ.} & 3/8 \\ \hline CHARGING \text{ SPECIFICATION} \\ \hline SUBCOOLING & & 8^{\circ} \text{ F} \\ \hline DIMENSIONS & H X W X D \\ \hline CRATED (IN.) & 29x26-1/4x29 \\ \hline WEIGHT \\ \hline SHIPPING (LBS.) & 176 \\ \hline \end{array}$					
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$ \begin{array}{c c} \text{LBS.} & - \text{ R-410A (O.D. UNIT)} & 7 \text{ LBS.} - 130\text{Z}. \\ \text{FACTORY SUPPLIED} & \text{YES} \\ \text{LINE SIZE - IN. O.D. GAS} & 3/4 \\ \text{LINE SIZE - IN. O.D. LIQ.} & 3/8 \\ \hline \text{CHARGING SPECIFICATION} \\ \hline \text{SUBCOOLING} & 8^{\circ} \text{ F} \\ \hline \text{DIMENSIONS} & \text{H X W X D} \\ \hline \text{CRATED (IN.)} & 29\text{x26-1/4x29} \\ \hline \text{WEIGHT} \\ \hline \text{SHIPPING (LBS.)} & 176 \\ \end{array} $		ORIFICE			
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CRATED (IN.) 29x26-1/4x29   WEIGHT SHIPPING (LBS.)   176					
WEIGHT SHIPPING (LBS.) 176					
SHIPPING (LBS.) 176					
	SHIPPING (LBS.)	176			
	NET (LBS.)	165			



#### NOTE: All dimensions are in mm/inches.

Model	Н	W	L	LIQUID VALVE SIZE	GAS VALVE SIZE
M4HP3036A1000AA	633 (24-15/16)	710 (28)	710 (28)	3/8	3/4

### 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

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