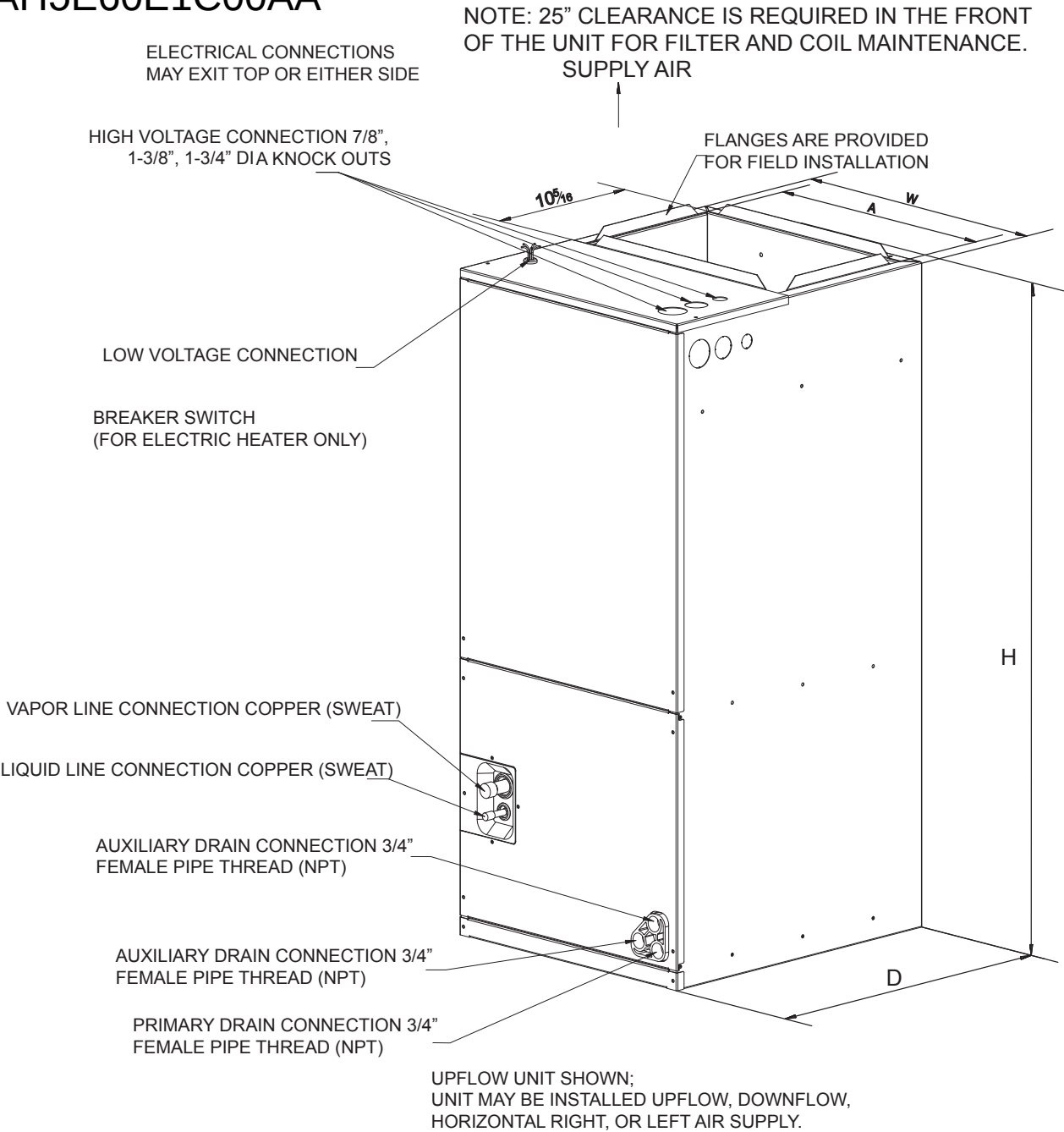


TAG: \_\_\_\_\_

SUBMITTAL

5.0 Ton  
Multi-position Air Handler  
M4AH5E60E1C00AA



NOTE: All dimensions are in mm/inches.

| Model           | H             | W        | D        | A            |
|-----------------|---------------|----------|----------|--------------|
| M4AH5E60E1C00AA | 1385 (54-1/2) | 560 (22) | 610 (24) | 496 (19-1/2) |

## PRODUCT SPECIFICATIONS

| PRODUCT SPECIFICATIONS            |                           |
|-----------------------------------|---------------------------|
| MODEL                             | M4AH5E60E1C00AA           |
| RATED VOLTS/PH/HZ.                | 208-230/1/60              |
| RATINGS                           | See O.D. Specifications   |
| INDOOR COIL — Type                | Plate Fin                 |
| Rows — F.P.I.                     | 4 - 17                    |
| Face Area (sq. ft.)               | 5.99                      |
| Tube Size (in.)                   | 9/32                      |
| Refrigerant Control               | Orifice                   |
| Drain Conn. Size (in.)            | 3/4 NPT                   |
| DUCT CONNECTIONS                  | See Outline Drawing       |
| INDOOR FAN — Type                 | Centrifugal               |
| Diameter-Width (In.)              | 13X10-5/8                 |
| No. Used                          | 1                         |
| Drive - No. Speeds                | Direct - 5                |
| CFM vs. in. w.g.                  | See Fan Performance Table |
| No. Motors — H.P.                 | 1 - 3/4                   |
| Motor Speed R.P.M.                | 1050                      |
| Volts/Ph/HZ                       | 208-230/1/60              |
| F.L. Amps                         | 5.2                       |
| FILTER                            |                           |
| Filter Furnished?                 | No                        |
| Type Recommended                  | Throwaway                 |
| No.-Size-Thickness                | 1 - 20 X 22 - 1 in.       |
| REFRIGERANT                       | R-410A                    |
| Ref. Line Connections             | Brazed                    |
| Coupling or Conn. Size — in. Gas  | 7/8                       |
| Coupling or Conn. Size — in. Liq. | 3/8                       |
| DIMENSIONS                        | H x W x D                 |
| Crated (In.)                      | 55-3/16x24-11/16x27-11/16 |
| Uncrated                          | 54-1/2x22x24              |
| WEIGHT                            |                           |
| Shipping (Lbs.)/Net (Lbs.)        | 177/159                   |



| Heater Kit Model Used | Electric Heat (kW) | Min. Circuit Ampacity |           | Max. Fuse or Breaker (HACR) Ampacity |       | Minimum Heating Blower Speed |         |
|-----------------------|--------------------|-----------------------|-----------|--------------------------------------|-------|------------------------------|---------|
|                       |                    | 240V                  | 208V      | 240V                                 | 208V  | Without HP                   | With HP |
| MAYHTR1A05BKR*        | 5                  | 31.8                  | 28.3      | 35                                   | 30    | Low                          | Low     |
| MAYHTR1A08BKR*        | 7.5                | 44.8                  | 39.6      | 45                                   | 40    | Low                          | Low     |
| MAYHTR1A10BKR*        | 10                 | 57.8                  | 50.9      | 60                                   | 60    | Low                          | Low     |
| MAYHTR1A15BKR*        | 15                 | 57.8/26.1             | 50.9/22.6 | 60/30                                | 60/25 | Low                          | Low     |
| MAYHTR1A20BKR*        | 20                 | 57.8/52.1             | 50.9/45.2 | 60/60                                | 60/50 | MIDDLE                       | MIDDLE  |

Note: Factory set at Medium High Speed.

| Motor Speed | AIR FLOW PERFORMANCE                       |       |          |          |          |          |          |          |          |          |
|-------------|--------------------------------------------|-------|----------|----------|----------|----------|----------|----------|----------|----------|
|             | M4AH5E60E1C00AA                            |       |          |          |          |          |          |          |          |          |
|             | External Static Pressure-Inches W.C. (kPa) |       |          |          |          |          |          |          |          |          |
|             |                                            | 0(.0) | 0.1(.02) | 0.2(.05) | 0.3(.07) | 0.4(.10) | 0.5(.12) | 0.6(.15) | 0.7(.17) | 0.8(.20) |
| 1           | CFM                                        | 1344  | 1284     | 1226     | 1151     | 1076     | 946      | 904      | 893      | 869      |
| 2           | CFM                                        | 1531  | 1477     | 1418     | 1366     | 1299     | 1239     | 1138     | 1064     | 1001     |
| 3           | CFM                                        | 1647  | 1592     | 1538     | 1490     | 1436     | 1378     | 1315     | 1215     | 1140     |
| 4           | CFM                                        | 1875  | 1822     | 1774     | 1729     | 1677     | 1629     | 1581     | 1533     | 1473     |
| 5           | CFM                                        | 2021  | 1967     | 1924     | 1879     | 1828     | 1785     | 1742     | 1694     | 1641     |

# Mechanical Specifications

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- Unique Cabinet Design
- Metal shell and glass cotton thermal insulation layer
- Multi-Position UP/Down Flow Horizontal Left /Right
- Braze in Refrigerant Connection
- Primary/Secondary Condensate Connections
- Blower with Integrated Slide Deck for Easy Removal
- Inner-groove aluminum tube and high-efficiency aluminum fin Coil with Integrated Slide Deck for Easy Removal
- More auxiliary Electric Heaters optional
- ECM5 Speed Motor
- High Efficiency
- Integrated Horizontal Drain pans and metal Vertical Drain
- Fused 24V Power
- Suitable for Manufactured/Mobile Home Use.

Ameristar



The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.