1.5 Ton
Multi-position Air Handler
M4AH4018A1000AA

NOTE: 24” CLEARANCE IS REQUIRED IN THE FRONT OF THE UNIT FOR FILTER AND COIL MAINTENANCE.
SUPPLY AIR

HIGH VOLTAGE CONNECTION 7/8”, 1-23/64”, 1-23/32” DIA KNOCK OUTS
FLANGES ARE PROVIDED FOR FIELD INSTALLATION

LOW VOLTAGE CONNECTION

ELECTRICAL CONNECTIONS MAY EXIT TOP OR EITHER SIDE

BREAKER SWITCH (FOR ELECTRIC HEATER ONLY)

VAPOR LINE CONNECTION COPPER (SWEAT)

LIQUID LINE CONNECTION COPPER (SWEAT)

AUXILIARY DRAIN CONNECTION 3/4” FEMALE PIPE THREAD (NPT)

AUXILIARY DRAIN CONNECTION 3/4” FEMALE PIPE THREAD (NPT)

PRIMARY DRAIN CONNECTION 3/4” FEMALE PIPE THREAD (NPT)

UPFLOW UNIT SHOWN: UNIT MAY BE INSTALLED UPFLOW, DOWNFLOW, HORIZONTAL RIGHT, OR LEFT AIR SUPPLY.

NOTE: All dimensions are in mm/inches.

<table>
<thead>
<tr>
<th>Model</th>
<th>H</th>
<th>W</th>
<th>D</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>M4AC4018A1000AA</td>
<td>1050 (41-3/8)</td>
<td>460 (18-1/8)</td>
<td>520 (20-1/2)</td>
<td>406 (16)</td>
</tr>
</tbody>
</table>
PRODUCT SPECIFICATIONS

MODEL: M4AH4018A1000AA
RATED VOLTS/PH/Hz: 208-230/1/60

RATINGS

INDOOR COIL — Type: Plate Fin
Rows — F.P.I.: 4 - 17
Face Area (sq. ft.): 2.98
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.): 10-5/8 X 8-1/8
No. Used: 1
Drive - No. Speeds: Direct - 3
CFM vs. in. w.g.: See Fan Performance Table
No. Motors — H.P.: 1 - 1/8
Motor Speed R.P.M.: 1075
Volts/Ph/Hz: 208-230/1/60
F.L. Amps: 0.7

FILTER
Filter Furnished?: No
Type Recommended: Throwaway
No.-Size-Thickness: 1 - 16 X 20 - 1 in.

REFRIGERANT
R-410A
Ref. Line Connections — Coupling or Conn. Size: Gas 3/4, Liq. 3/8

DIMENSIONS
Crated (In.): 42-7/10 x 21 x 24-1/6
Uncrated: 41-3/8 x 18-1/8 x 20-1/2

WEIGHT
Shipping (Lbs.)/Net (Lbs.): 128/114

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 |
MAYHTR1A05BKRA | 5 | 27 | 23.5 | 30 | 25 | Low | Low |
MAYHTR1A08BKRA | 7.5 | 40 | 34.8 | 45 | 40 | Medium | Medium |
MAYHTR1A10BKRA | 10 | 53 | 46.1 | 60 | 50 | High | High |

Note: Factory set at Medium Speed.

AIR FLOW PERFORMANCE

Motor Speed | External Static Pressure-Inches W.C. (kPa) | M4AH4018A1000AA |
---|---|---|
Low | | | |
| CFM | 551 | 509 | 478 | 462 | 393 | 345 | 280 | - | - | - |
Medium | CFM | 661 | 622 | 596 | 577 | 506 | 443 | 400 | - | - | - |
High | CFM | 861 | 807 | 765 | 729 | 682 | 634 | 590 | 550 | 487 | 400 |
The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.

Mechanical Specifications

- 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 copper pipe and high-efficiency aluminum fin Coil with Integrated Slide Deck for Easy Removal
- More auxiliary Electric Heaters optional
- PSC 3 Speed Motor
- High Efficiency
- Integrated Horizontal Drain pans and metal Vertical Drain
- Fused 24V Power
- 1-Year Warranty.
- 10-Year Warranty Registered.
- Warranty Mirrors Outdoor.
- Optional extended warranty available.

Ameristar
2.0 Ton
Multi-position Air Handler
M4AH4025A1000AA

NOTE: 25" CLEARANCE IS REQUIRED IN THE FRONT OF THE UNIT FOR FILTER AND COIL MAINTENANCE.

SUPPLY AIR

ELECTRICAL CONNECTIONS MAY EXIT TOP OR EITHER SIDE

HIGH VOLTAGE CONNECTION 7/8", 1-23/64", 1-23/32" DIA KNOCK OUTS

FLANGES ARE PROVIDED FOR FIELD INSTALLATION

LOW VOLTAGE CONNECTION

BREAKER SWITCH (FOR ELECTRIC HEATER ONLY)

VAPOUR LINE CONNECTION COPPER (SWEAT)

LIQUID LINE CONNECTION COPPER (SWEAT)

AUXILIARY DRAIN CONNECTION 3/4" FEMALE PIPE THREAD (NPT)

AUXILIARY DRAIN CONNECTION 3/4" FEMALE PIPE THREAD (NPT)

PRIMARY DRAIN CONNECTION 3/4" FEMALE PIPE THREAD (NPT)

UPFLOW UNIT SHOWN: UNIT MAY BE INSTALLED UPFLOW, DOWNFLOW, HORIZONTAL RIGHT, OR LEFT AIR SUPPLY.

NOTE: All dimensions are in mm/inches.

<table>
<thead>
<tr>
<th>Model</th>
<th>H</th>
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<th>D</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>M4AH4025A1000AA</td>
<td>1180 (46-1/2)</td>
<td>500 (19-5/8)</td>
<td>550 (21-5/8)</td>
<td>456 (18)</td>
</tr>
</tbody>
</table>
PRODUCT SPECIFICATIONS

MODEL  M4AH4025A1000AA
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.)  4.01
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.)  10-5/8 X 10-3/4
No. Used  1
Drive - No. Speeds  Direct - 3
CFM vs. in. w.g.  See Fan Performance Table
No. Motors — H.P.  1 - 1/5
Motor Speed R.P.M.  1075
Volts/Ph/Hz  208-230/1/60
F.L. Amps  1.0
FILTER
Filter Furnished?  No
Type Recommended  Thowaway
No.-Size-Thickness  1 - 18X 20 - 1 in.
REFRIGERANT  R-410A
Ref. Line Connections  Brazed
Coupling or Conn. Size — in. Gas  3/4
Coupling or Conn. Size — in. Liqu.  3/8
DIMENSIONS  H x W x D
Crated (In.)  47-4/5 x 22-3/5 x 25-7/10
Uncrated  46-1/2 x 19-5/8 x 21-5/8
WEIGHT
Shipping (Lbs.)/Net (Lbs.)  152/136

<table>
<thead>
<tr>
<th>Heater Kit Model Used</th>
<th>Electric Heat (kW)</th>
<th>Min. Circuit Ampacity</th>
<th>Max. Fuse or Breaker (HACR) Ampacity</th>
<th>Minimum Heating Blower Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>240V</td>
<td>208V</td>
<td>240V</td>
</tr>
<tr>
<td>MAYHTR1A05BKRA</td>
<td>5</td>
<td>27.3</td>
<td>23.9</td>
<td>30</td>
</tr>
<tr>
<td>MAYHTR1A08BKRA</td>
<td>7.5</td>
<td>37.8</td>
<td>32.9</td>
<td>45</td>
</tr>
<tr>
<td>MAYHTR1A10BKRA</td>
<td>10</td>
<td>53.4</td>
<td>46.4</td>
<td>60</td>
</tr>
</tbody>
</table>

Note: Factory set at Medium Speed.

<table>
<thead>
<tr>
<th>Motor Speed</th>
<th>0(0)</th>
<th>0.1(0.02)</th>
<th>0.16(0.04)</th>
<th>0.2(0.05)</th>
<th>0.3(0.07)</th>
<th>0.4(0.10)</th>
<th>0.5(0.12)</th>
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</thead>
<tbody>
<tr>
<td>Low CFM</td>
<td>815</td>
<td>751</td>
<td>717</td>
<td>683</td>
<td>576</td>
<td>478</td>
<td>379</td>
</tr>
<tr>
<td>Medium CFM</td>
<td>1022</td>
<td>962</td>
<td>931</td>
<td>899</td>
<td>829</td>
<td>714</td>
<td>584</td>
</tr>
<tr>
<td>High CFM</td>
<td>1142</td>
<td>1082</td>
<td>1052</td>
<td>1022</td>
<td>963</td>
<td>863</td>
<td>807</td>
</tr>
</tbody>
</table>

AIR FLOW PERFORMANCE

M4AH4025A1000AA
External Static Pressure-Inches W.C. (kPa)
Mechanical Specifications

- 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 copper pipe and high-efficiency aluminum fin Coil with Integrated Slide Deck for Easy Removal
- More auxiliary Electric Heaters optional
- PSC 3 Speed Motor
- High Efficiency
- Integrated Horizontal Drain pans and metal Vertical Drain
- Fused 24V Power
2.5 Ton Multi-position Air Handler M4AH4032A1000AA

NOTE: 25" CLEARANCE IS REQUIRED IN THE FRONT OF THE UNIT FOR FILTER AND COIL MAINTENANCE.

SUPPLY AIR

FLANGES ARE PROVIDED FOR FIELD INSTALLATION

ELECTRICAL CONNECTIONS MAY EXIT TOP OR EITHER SIDE

HIGH VOLTAGE CONNECTION 7/8", 1-23/64", 1-23/32" DIA KNOCK OUTS

LOW VOLTAGE CONNECTION

BREAKER SWITCH (FOR ELECTRIC HEATER ONLY)

VAPOR LINE CONNECTION COPPER (SWEAT)

LIQUID LINE CONNECTION COPPER (SWEAT)

AUXILIARY DRAIN CONNECTION 3/4" FEMALE PIPE THREAD (NPT)

AUXILIARY DRAIN CONNECTION 3/4" FEMALE PIPE THREAD (NPT)

PRIMARY DRAIN CONNECTION 3/4" FEMALE PIPE THREAD (NPT)

UPFLOW UNIT SHOWN: UNIT MAY BE INSTALLED UPFLOW, DOWNFLOW, HORIZONTAL RIGHT, OR LEFT AIR SUPPLY.

NOTE: All dimensions are in mm/inches.

<table>
<thead>
<tr>
<th>Model</th>
<th>H</th>
<th>W</th>
<th>D</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>M4AH4032A1000AA</td>
<td>1180 (46-1/2)</td>
<td>500 (19-5/8)</td>
<td>550 (21-5/8)</td>
<td>456 (18)</td>
</tr>
</tbody>
</table>
Motor Speed | AIR FLOW PERFORMANCE
--- | ---
| M4AH4032A1000AA |  
| External Static Pressure-Inches W.C. (kPa) |  
| | 0(0) | 0.1(0.02) | 0.16(0.04) | 0.2(0.05) | 0.3(0.07) | 0.4(0.10) | 0.5(0.12) |
| Low | CFM | 962 | 913 | 886 | 870 | 813 | 750 | 690 |
| Medium | CFM | 1094 | 1043 | 1012 | 988 | 927 | 861 | 788 |
| High | CFM | 1374 | 1311 | 1268 | 1240 | 1164 | 1084 | 996 |
Mechanical Specifications

- 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 copper pipe and high-efficiency aluminum fin Coil with Integrated Slide Deck for Easy Removal
- More auxiliary Electric Heaters optional
- PSC 3 Speed Motor
- High Efficiency
- Integrated Horizontal Drain pans and metal Vertical Drain
- Fused 24V Power

The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.
3.0 Ton Multi-position Air Handler
M4AH4036A1000AA

NOTE: 24" CLEARANCE IS REQUIRED IN THE FRONT OF THE UNIT FOR FILTER AND COIL MAINTENANCE.

Supply Air

Electrical connections may exit top or either side

High voltage connection 7/8", 1-23/64", 1-23/32" dia knock outs

Low voltage connection

Breaker switch (for electric heater only)

Vapor line connection copper (sweat)

Liquid line connection copper (sweat)

Auxiliary drain connection 3/4" female pipe thread (NPT)

Auxiliary drain connection 3/4" female pipe thread (NPT)

Primary drain connection 3/4" female pipe thread (NPT)

Upflow unit shown: unit may be installed upflow, downflow, horizontal right, or left air supply.

NOTE: All dimensions are in mm/inches.

<table>
<thead>
<tr>
<th>Model</th>
<th>H</th>
<th>W</th>
<th>D</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>M4AH4036A1000AA</td>
<td>1180 (46-1/2)</td>
<td>500 (19-5/8)</td>
<td>550 (21-5/8)</td>
<td>456 (18)</td>
</tr>
</tbody>
</table>
PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>M4AH4036A1000AA</th>
</tr>
</thead>
<tbody>
<tr>
<td>RATED VOLTS/PH/HZ</td>
<td>208-230/1/60</td>
</tr>
<tr>
<td>RATINGS</td>
<td>See O.D. Specifications</td>
</tr>
<tr>
<td>INDOOR COIL — Type</td>
<td>Plate Fin</td>
</tr>
<tr>
<td>Rows</td>
<td>5 - 17</td>
</tr>
<tr>
<td>Face Area (sq. ft.)</td>
<td>4.01</td>
</tr>
<tr>
<td>Tube Size (in.)</td>
<td>9/32</td>
</tr>
<tr>
<td>Refrigerant Control</td>
<td>Orifice</td>
</tr>
<tr>
<td>Drain Conn. Size (in.)</td>
<td>3/4 NPT</td>
</tr>
<tr>
<td>DUCT CONNECTIONS</td>
<td>See Outline Drawing</td>
</tr>
<tr>
<td>INDOOR FAN — Type</td>
<td>Centrifugal</td>
</tr>
<tr>
<td>Diameter-Width (In.)</td>
<td>10-5/8 x 10-3/4</td>
</tr>
<tr>
<td>No. Used</td>
<td>1</td>
</tr>
<tr>
<td>Drive - No. Speeds</td>
<td>Direct - 3</td>
</tr>
<tr>
<td>Filter Furnished?</td>
<td>No</td>
</tr>
<tr>
<td>Type Recommended</td>
<td>Throwaway</td>
</tr>
<tr>
<td>No.-Size-Thickness</td>
<td>1 - 18X 20 - 1 in.</td>
</tr>
<tr>
<td>REFRIGERANT</td>
<td>R-410A</td>
</tr>
<tr>
<td>Ref. Line Connections</td>
<td>Brazed</td>
</tr>
<tr>
<td>Coupling or Conn. Size — in. Gas</td>
<td>3/4</td>
</tr>
<tr>
<td>Coupling or Conn. Size — in. Liq.</td>
<td>3/8</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>H x W x D</td>
</tr>
<tr>
<td>Crated (In.)</td>
<td>47-4/5 x 22-3/5 x 25-7/10</td>
</tr>
<tr>
<td>Uncrated</td>
<td>46-1/2 x 19-5/8 x 21-5/8</td>
</tr>
<tr>
<td>WEIGHT</td>
<td></td>
</tr>
<tr>
<td>Shipping (Lbs.)/Net (Lbs.)</td>
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</table>

<table>
<thead>
<tr>
<th>Heater Kit Model Used</th>
<th>Electric Heat (kW)</th>
<th>Min. Circuit Ampacity</th>
<th>Max. Fuse or Breaker (HACR) Ampacity</th>
<th>Minimum Heating Blower Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>240V</td>
<td>208V</td>
<td>240V</td>
</tr>
<tr>
<td>MAYHTR1A05BKRA</td>
<td>5</td>
<td>28.3</td>
<td>24.9</td>
<td>30</td>
</tr>
<tr>
<td>MAYHTR1A08BKRA</td>
<td>7.5</td>
<td>41.4</td>
<td>36.2</td>
<td>45</td>
</tr>
<tr>
<td>MAYHTR1A10BKRA</td>
<td>10</td>
<td>54.4</td>
<td>47.4</td>
<td>60</td>
</tr>
<tr>
<td>MAYHTR1A15BKRA</td>
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<td>54.4/26</td>
<td>47.4/22.8</td>
<td>60/30</td>
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<tr>
<td>MAYHTR1A20BKRA</td>
<td>20</td>
<td>54.4/52.1</td>
<td>47.4/45.1</td>
<td>60/60</td>
</tr>
</tbody>
</table>

Note: Factory set at Medium Speed.

<table>
<thead>
<tr>
<th>Motor Speed</th>
<th>Motor Speed</th>
<th>AIR FLOW PERFORMANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>M4AH4036A1000AA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>External Static Pressure-Inches W.C. (kPa)</td>
</tr>
<tr>
<td></td>
<td>0(0)</td>
<td>0.1(02)</td>
</tr>
<tr>
<td>Low</td>
<td>CFM</td>
<td>1129</td>
</tr>
<tr>
<td>Medium</td>
<td>CFM</td>
<td>1317</td>
</tr>
<tr>
<td>High</td>
<td>CFM</td>
<td>1643</td>
</tr>
</tbody>
</table>
Mechanical Specifications

- 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 copper pipe and high-efficiency aluminum fin Coil with Integrated Slide Deck for Easy Removal
- More auxiliary Electric Heaters optional
- PSC 3 Speed Motor
- High Efficiency
- Integrated Horizontal Drain pans and metal Vertical Drain
- Fused 24V Power
- 1-Year Warranty.
- 10-Year Warranty Registered.
- Warranty Mirrors Outdoor.
- Optional extended warranty available.
3.5 Ton
Multi-position Air Handler
M4AH4044A1000AA

NOTE: 25" CLEARANCE IS REQUIRED IN THE FRONT OF THE UNIT FOR FILTER AND COIL MAINTENANCE.

SUPPLY AIR

ELECTRICAL CONNECTIONS MAY EXIT TOP OR EITHER SIDE

HIGH VOLTAGE CONNECTION 7/8", 1-23/64", 1-23/32" DIA KNOCK OUTS

FLANGES ARE PROVIDED FOR FIELD INSTALLATION

LOW VOLTAGE CONNECTION

BREAKER SWITCH (FOR ELECTRIC HEATER ONLY)

VAPOR LINE CONNECTION COPPER (SWEAT)

LIQUID LINE CONNECTION COPPER (SWEAT)

AUXILIARY DRAIN CONNECTION 3/4" FEMALE PIPE THREAD (NPT)

AUXILIARY DRAIN CONNECTION 3/4" FEMALE PIPE THREAD (NPT)

PRIMARY DRAIN CONNECTION 3/4" FEMALE PIPE THREAD (NPT)

UPFLOW UNIT SHOWN; UNIT MAY BE INSTALLED UPFLOW, DOWNFLOW, HORIZONTAL RIGHT, OR LEFT AIR SUPPLY.

NOTE: All dimensions are in mm/inches.

<table>
<thead>
<tr>
<th>Model</th>
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<th>D</th>
<th>A</th>
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</thead>
<tbody>
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<td>M4AH4044A1000AA</td>
<td>1385 (54-1/42)</td>
<td>560 (22)</td>
<td>610 (24)</td>
<td>496 (19-1/2)</td>
</tr>
</tbody>
</table>
PRODUCT SPECIFICATIONS

**PRODUCT SPECIFICATIONS**

**MODEL**
M4AH4044A1000AA

**RATED VOLTS/PH/Hz.**
208-230/1/60

**RATINGS**
See O.D. Specifications

**INDOOR COIL — Type**
Plate Fin

**Rows — F.P.I.**
5 - 17

**Face Area (sq. ft.)**
6.00

**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.)**
10-5/8 X 10-3/4

**No. Used**
1

**Drive - No. Speeds**
Direct - 3

**CFM vs. in. w.g.**
See Fan Performance Table

**No. Motors — H.P.**
1 - 1/2

**Motor Speed R.P.M.**
1075

**Volts/Ph/Hz**
208-230/1/60

**F.L. Amps**
1.8

**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**
3/4

**Coupling or Conn. Size — in. Liq.**
3/8

**DIMENSIONS**
H x W x D

**Crated (In.)**
55-4/5 x 25 x 27-7/10

**Uncrated**
54-1/2 x 22 x 24

**WEIGHT**

**Shipping (Lbs.)/Net (Lbs.)**
187/172

### Heater Kit Specifications

<table>
<thead>
<tr>
<th>Heater Kit Model Used</th>
<th>Electric Heat (kW)</th>
<th>Min. Circuit Ampacity</th>
<th>Max. Fuse or Breaker (HACR) Ampacity</th>
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<td>45</td>
</tr>
<tr>
<td>MAYHTR1A10BKRA</td>
<td>10</td>
<td>54.4</td>
<td>47.4</td>
<td>60</td>
</tr>
<tr>
<td>MAYHTR1A15BKRA</td>
<td>15</td>
<td>54.4/26</td>
<td>47.4/22.8</td>
<td>60/30</td>
</tr>
<tr>
<td>MAYHTR1A20BKRA</td>
<td>20</td>
<td>54.4/52.1</td>
<td>47.4/45.1</td>
<td>60/60</td>
</tr>
</tbody>
</table>

Note: Factory set at Medium Speed.

### Motor Speed Specifications

<table>
<thead>
<tr>
<th>Motor Speed</th>
<th>AIR FLOW PERFORMANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M4AH4044A1000AA</td>
</tr>
<tr>
<td></td>
<td>External Static Pressure-Inches W.C. (kPa)</td>
</tr>
<tr>
<td></td>
<td>0(0)</td>
</tr>
<tr>
<td>Low</td>
<td>CFM</td>
</tr>
<tr>
<td>Medium</td>
<td>CFM</td>
</tr>
<tr>
<td>High</td>
<td>CFM</td>
</tr>
</tbody>
</table>
The manufacturer has a policy of continuous product and product data improvement and it reserves the right to change design and specification without notice.
4.0 Ton Multi-position Air Handler M4AH4048A1000AA

NOTE: 25" CLEARANCE IS REQUIRED IN THE FRONT OF THE UNIT FOR FILTER AND COIL MAINTENANCE.

HIGH VOLTAGE CONNECTION 7/8", 1-23/64", 1-23/32" DIA KNOCK OUTS

FLANGES ARE PROVIDED FOR FIELD INSTALLATION

ELECTRICAL CONNECTIONS MAY EXIT TOP OR EITHER SIDE

LOW VOLTAGE CONNECTION

BREAKER SWITCH (FOR ELECTRIC HEATER ONLY)

VAPOR LINE CONNECTION COPPER (SWEAT)

LIQUID LINE CONNECTION COPPER (SWEAT)

AUXILIARY DRAIN CONNECCTION 3/4" FEMALE PIPE THREAD (NPT)

AUXILIARY DRAIN CONNECCTION 3/4" FEMALE PIPE THREAD (NPT)

PRIMARY DRAIN CONNECCTION 3/4" FEMALE PIPE THREAD (NPT)

UPFLOW UNIT SHOWN; UNIT MAY BE INSTALLED UPFLOW, DOWNFLOW, HORIZONTAL RIGHT, OR LEFT AIR SUPPLY.

NOTE: All dimensions are in mm/inches.

<table>
<thead>
<tr>
<th>Model</th>
<th>H</th>
<th>W</th>
<th>D</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>M4AH4048A1000AA</td>
<td>1385 (54-1/42)</td>
<td>560 (22)</td>
<td>610 (24)</td>
<td>496 (19-1/2)</td>
</tr>
</tbody>
</table>
PRODUCT SPECIFICATIONS

**MODEL**
M4AH4048A1000AA

**RATED VOLTS/PH/Hz.**
208-230/1/60

**RATINGS**
See O.D. Specifications

**INDOOR COIL** — Type
Plate Fin

**Rows** — F.P.I.
5 - 17

**Face Area (sq. ft.)**
6.00

**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.)**
10-5/8 X 10-3/4

**No. Used**
1

**Drive - No. Speeds**
Direct - 3

**CFM vs. in. w.g.**
See Fan Performance Table

**No. Motors — H.P.**
1 - 1/2

**Motor Speed R.P.M.**
1075

**Volts/Ph/Hz**
208-230/1/60

**F.L. Amps**
2.2

**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.)
55-4/5 x 25 x 27-7/10

**Uncrated**
54-1/2 x 22 x 24

**WEIGHT**
Shipping (Lbs.)/Net (Lbs.)
187/172

<table>
<thead>
<tr>
<th>Heater Kit Model Used</th>
<th>Electric Heat (kW)</th>
<th>Min. Circuit Ampacity</th>
<th>Max. Fuse or Breaker (HACR) Ampacity</th>
<th>Minimum Heating Blower Speed</th>
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<tr>
<td></td>
<td>240V</td>
<td>208V</td>
<td>240V</td>
<td>208V</td>
</tr>
<tr>
<td>MAYHTR1A05BKRA</td>
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<td>28.8</td>
<td>25.4</td>
<td>30</td>
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<tr>
<td>MAYHTR1A08BKRA</td>
<td>7.5</td>
<td>41.9</td>
<td>36.7</td>
<td>45</td>
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<tr>
<td>MAYHTR1A10BKRA</td>
<td>10</td>
<td>54.9</td>
<td>47.9</td>
<td>60</td>
</tr>
<tr>
<td>MAYHTR1A15BKRA</td>
<td>15</td>
<td>54.9/26</td>
<td>47.9/22.8</td>
<td>60/30</td>
</tr>
<tr>
<td>MAYHTR1A20BKRA</td>
<td>20</td>
<td>54.9/52.1</td>
<td>47.9/45.1</td>
<td>60/60</td>
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Note: Factory set at Medium Speed.

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Mechanical Specifications

• 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 copper pipe and high-efficiency aluminum fin Coil with Integrated Slide Deck for Easy Removal
• More auxiliary Electric Heaters optional
• PSC 3 Speed Motor
• High Efficiency
• Integrated Horizontal Drain pans and metal Vertical Drain
• Fused 24V Power