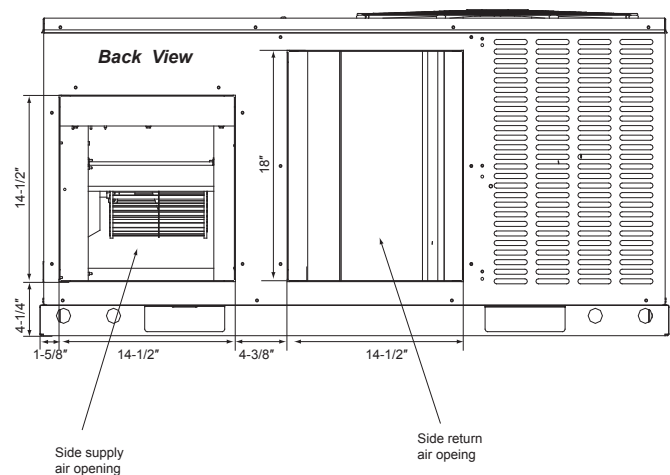
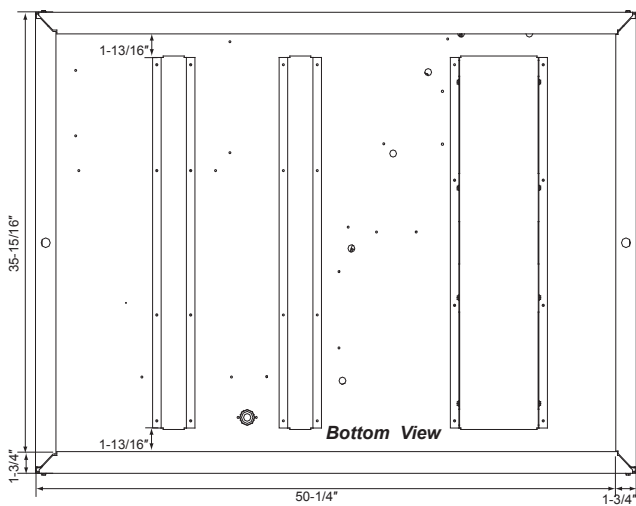
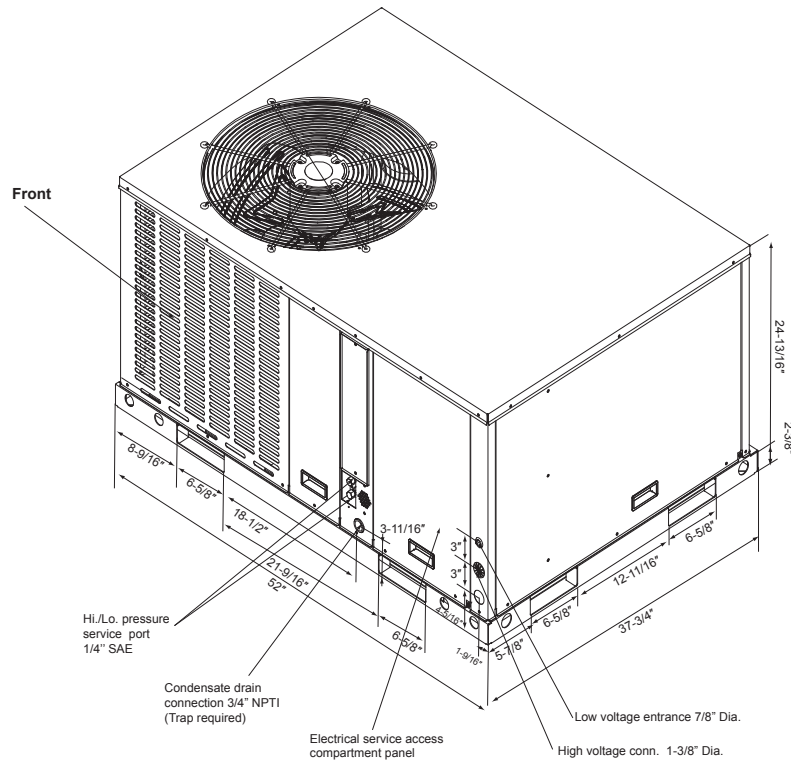


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# SUBMITTAL

## 2.0 Ton Heat Pump Package Units M4PH4024A1000A



## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PH4024A1000A
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	13.7
BR. CIR. PROT. RTG. - MAX. (AMPS)	20
SOUND POWER LEVEL [dB(A)]	72
COMPRESSOR	ROTARY
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	8.45 - 34.8
FACTORY INSTALLED	
START COMPONENTS	NO
INSULATION/SOUND BLANKET	NO
COMPRESSOR HEAT	NO
OUTDOOR FAN	
DIA. (IN.)	22
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	1/12
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	0.68
OUTDOOR COIL- TYPE	PLATE FIN
ROWS- F.P.I.	2.5 - 20
FACE AREA (SQ. FT.)	9.79
TUBE SIZE (IN.)	9/32

INDOOR FAN- TYPE	Centrifugal
DRIVE- NO. SPEEDS	DIRECT - 3
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	1/4
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	2.46
INDOOR COIL- TYPE	PLATE FIN
ROWS- F.P.I.	4 - 17
FACE AREA (SQ. FT.)	3.63
TUBE SIZE (IN.)	9/32
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410 (O.D. UNIT)	5 LBS. - 1 OZ.
DIMENSIONS	W X H X D
CRATED (IN.)	52-3/8X25-7/8X38-5/8
WEIGHT	
SHIPPING (LBS.)	333
NET (LBS.)	326

### Optional Heater

Heater Kit Model Used	Electric Heat (kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR) Ampacity	
		208V	240V	208V	240V
MAYHTR1P05BKRB	5	31.8	34.5	40	40
MAYHTR1P08BKRB	7.5	40.8	45.0	45	50
MAYHTR1P10BKRB	10	49.8	55.4	50	60

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE								
	M4PH4024A1000A								
	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)
Low	CFM	756	706	654	600	-	-	-	-
Medium	CFM	-	-	-	842	782	718	625	-
High	CFM	-	-	-	-	-	889	805	693

# Features

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- 2-5 ton capacities available
- High-efficiency 14 SEER ratings
- Architectural, anti-rust steel cabinets, tested to withstand 1,000-hour salt spray
- Quiet horizontal discharge
- High-efficiency compressors operate smoothly, quietly, consistently
- Auxiliary electric heaters available as a field installed option: 5kW,8kW,10kW,15kW,20kW (available heater sizes vary depending on model tonnage)

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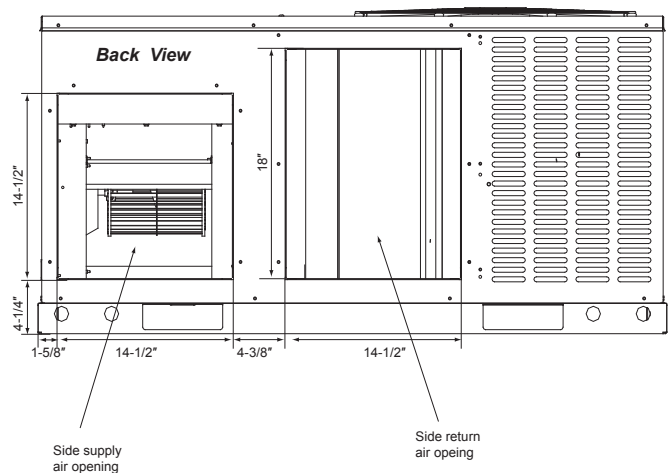
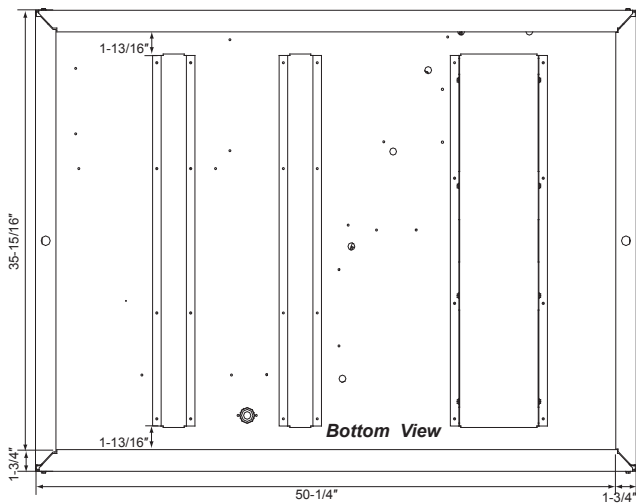
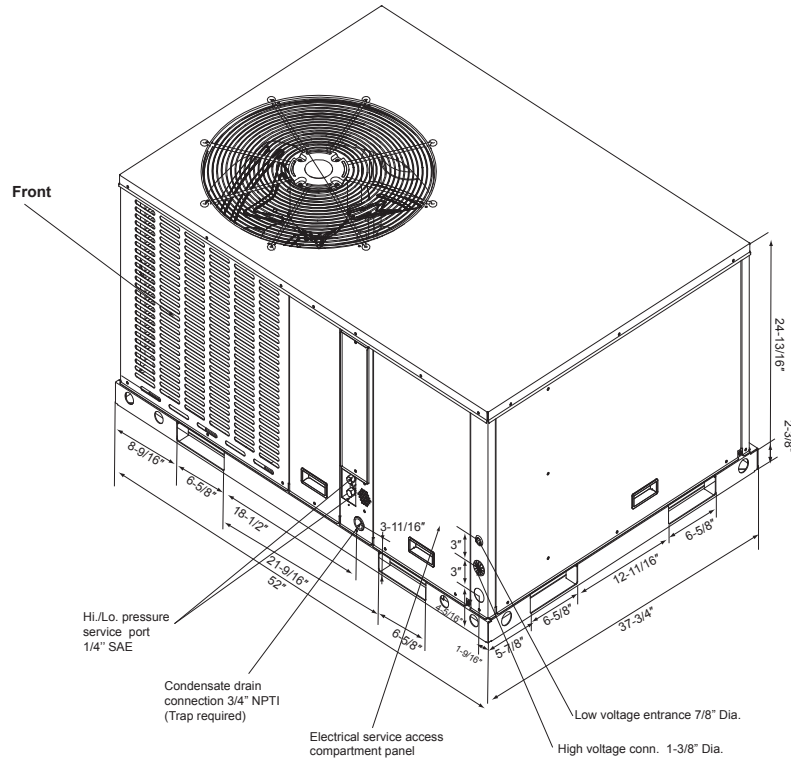


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# SUBMITTAL

## 2.5 Ton Heat Pump Package Units M4PH4030A1000A



## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PH4030A1000A
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	20.1
BR. CIR. PROT. RTG. - MAX. (AMPS)	30
SOUND POWER LEVEL [dB(A)]	74
COMPRESSOR	ROTARY
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	12.0 - 59.93
FACTORY INSTALLED	
START COMPONENTS	NO
INSULATION/SOUND BLANKET	NO
COMPRESSOR HEAT	NO
OUTDOOR FAN	
DIA. (IN.)	22
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	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.	2.5 - 20
FACE AREA (SQ. FT.)	9.79
TUBE SIZE (IN.)	9/32

INDOOR FAN- TYPE	Centrifugal
DRIVE- NO. SPEEDS	DIRECT - 3
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	1/2
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	4.1
INDOOR COIL- TYPE	PLATE FIN
ROWS- F.P.I.	4 - 17
FACE AREA (SQ. FT.)	3.63
TUBE SIZE (IN.)	9/32
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410 (O.D. UNIT)	5 LBS. - 5 OZ.
DIMENSIONS	W X H X D
CRATED (IN.)	52-3/8X25-7/8X38-5/8
WEIGHT	
SHIPPING (LBS.)	353
NET (LBS.)	346

### Optional Heater

Heater Kit Model Used	Electric Heat (kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR) Ampacity	
		208V	240V	208V	240V
MAYHTR1P05BKRB	5	38.2	40.9	50	50
MAYHTR1P08BKRB	7.5	47.2	51.4	50	60
MAYHTR1P10BKRB	10	56.2	61.8	60	70
MAYHTR1P15BKRB	15	74.3	82.6	80	90

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE								
	M4PH4030A1000A								
	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)
Low	CFM	1076	1020	959	905	837	-	-	-
Medium	CFM	-	-	1077	1008	933	848	741	-
High	CFM	-	-	-	1137	1063	978	859	741

# Features

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- 2-5 ton capacities available
- High-efficiency 14 SEER ratings
- Architectural, anti-rust steel cabinets, tested to withstand 1,000-hour salt spray
- Quiet horizontal discharge
- High-efficiency compressors operate smoothly, quietly, consistently
- Auxiliary electric heaters available as a field installed option: 5kW,8kW,10kW,15kW,20kW (available heater sizes vary depending on model tonnage)

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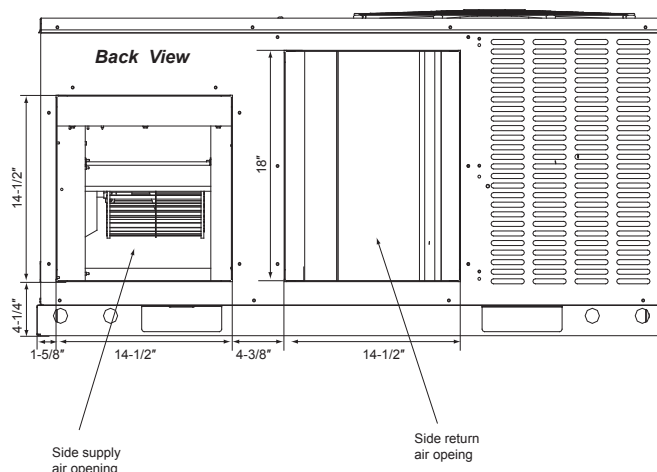
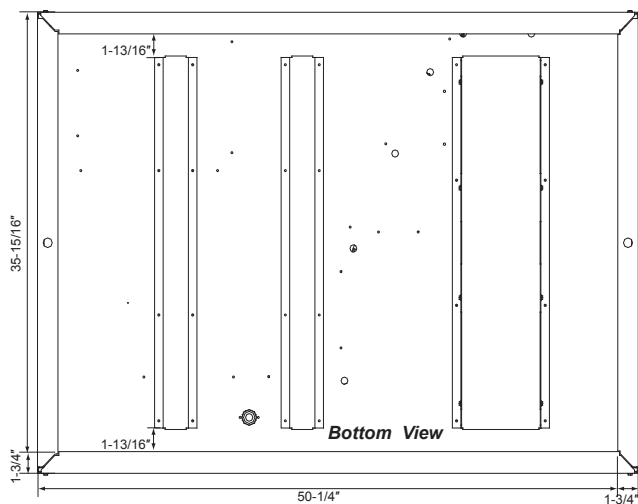
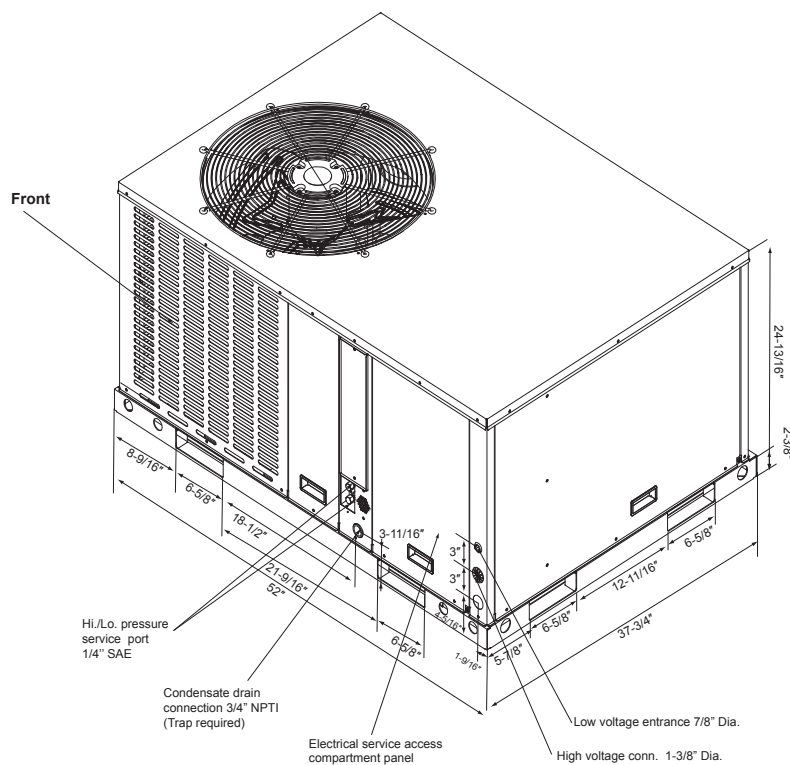


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# SUBMITTAL

## 3.0 Ton Heat Pump Package Units M4PH4036A1000A



## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PH4036A1000A
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	21.4
BR. CIR. PROT. RTG. - MAX. (AMPS)	30
SOUND POWER LEVEL [dB(A)]	75
COMPRESSOR	ROTARY
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	13.0 - 75
FACTORY INSTALLED	
START COMPONENTS	NO
INSULATION/SOUND BLANKET	NO
COMPRESSOR HEAT	NO
OUTDOOR FAN	
DIA. (IN.)	22
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	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.	2.5 - 21
FACE AREA (SQ. FT.)	9.44
TUBE SIZE (IN.)	3/16

INDOOR FAN- TYPE	Centrifugal
DRIVE- NO. SPEEDS	DIRECT - 3
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	1/2
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	4.1
INDOOR COIL- TYPE	PLATE FIN
ROWS- F.P.I.	4 - 17
FACE AREA (SQ. FT.)	3.63
TUBE SIZE (IN.)	9/32
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410 (O.D. UNIT)	4 LBS. - 14 OZ.
DIMENSIONS	W X H X D
CRATED (IN.)	52-3/8X25-7/8X38-5/8
WEIGHT	
SHIPPING (LBS.)	357
NET (LBS.)	351

### Optional Heater

Heater Kit Model Used	Electric Heat (kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR) Ampacity	
		208V	240V	208V	240V
MAYHTR1P05BKRB	5	39.5	42.2	50	50
MAYHTR1P08BKRB	7.5	48.5	52.7	60	60
MAYHTR1P10BKRB	10	57.5	63.1	70	70
MAYHTR1P15BKRB	15	75.6	83.9	80	90

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE								
	M4PH4036A1000A								
	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)
Low	CFM	1170	1143	1110	1070	1021	-	-	-
Medium	CFM	-	-	1251	1206	1148	1080	989	-
High	CFM	-	-	-	1345	1272	1192	1107	980



# Features

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- 2-5 ton capacities available
- High-efficiency 14 SEER ratings
- Architectural, anti-rust steel cabinets, tested to withstand 1,000-hour salt spray
- Quiet horizontal discharge
- High-efficiency compressors operate smoothly, quietly, consistently
- Auxiliary electric heaters available as a field installed option: 5kW,8kW,10kW,15kW,20kW (available heater sizes vary depending on model tonnage)

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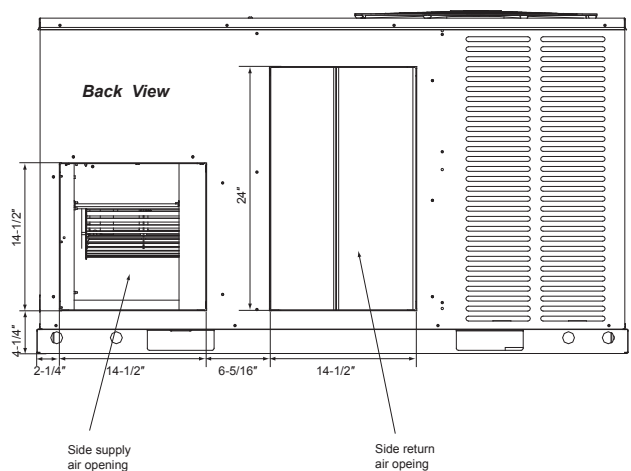
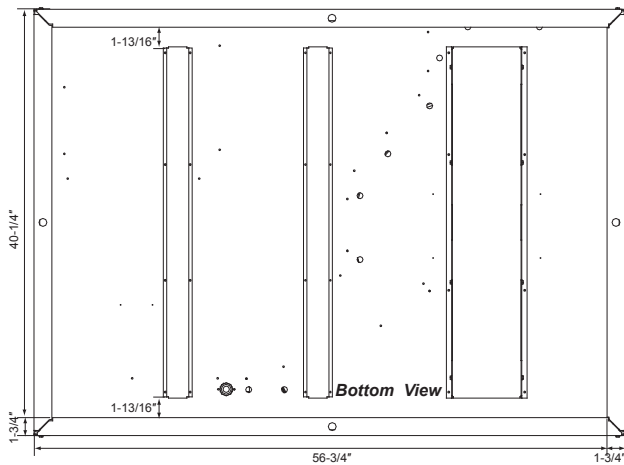
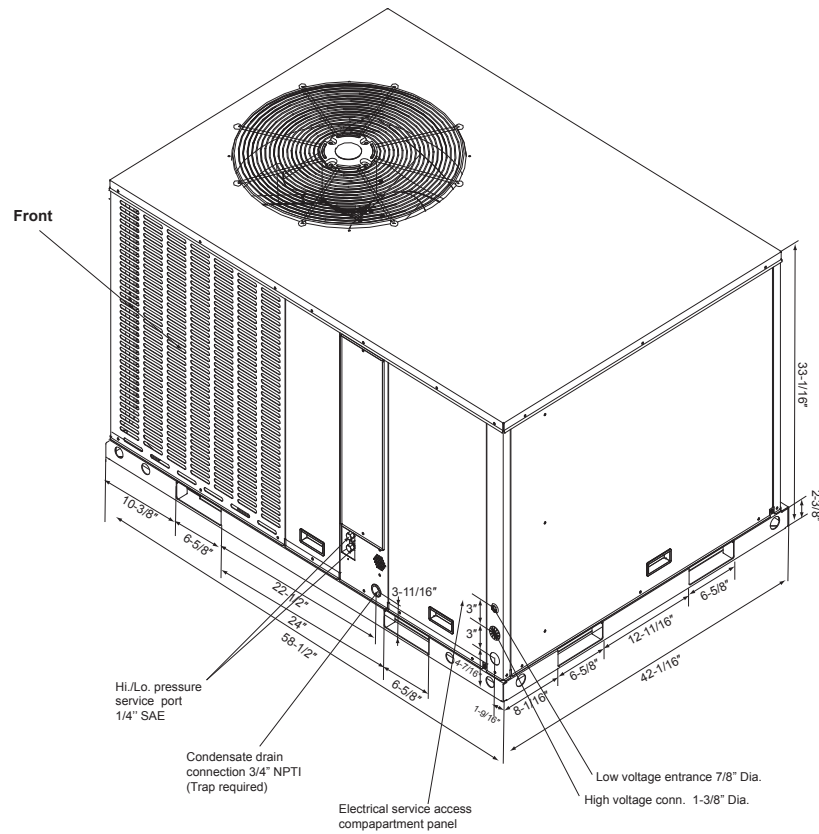


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# SUBMITTAL

## 3.5 Ton Heat Pump Package Units M4PH4042A1000A



## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PH4042A1000AA
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	23.5
BR. CIR. PROT. RTG. - MAX. (AMPS)	30
SOUND POWER LEVEL [dB(A)]	78
COMPRESSOR	SCROLL
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	15.2 - 112.3
FACTORY INSTALLED	
START COMPONENTS	NO
INSULATION/SOUND BLANKET	NO
COMPRESSOR HEAT	NO
OUTDOOR FAN	
DIA. (IN.)	23-5/8
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	1/3
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	1.67
OUTDOOR COIL- TYPE	PLATE FIN
ROWS- F.P.I.	2 - 21
FACE AREA (SQ. FT.)	15.54
TUBE SIZE (IN.)	3/16

INDOOR FAN- TYPE	Centrifugal
DRIVE- NO. SPEEDS	DIRECT - 3
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	3/4
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	2.8
INDOOR COIL- TYPE	PLATE FIN
ROWS- F.P.I.	4 - 17
FACE AREA (SQ. FT.)	6.43
TUBE SIZE (IN.)	9/32
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410 (O.D. UNIT)	6 LBS. - 10 OZ.
DIMENSIONS	H X W X D
CRATED (IN.)	58-15/16X34-3/16X42-3/8
WEIGHT	
SHIPPING (LBS.)	472
NET (LBS.)	463

### Optional Heater

Heater Kit Model Used	Electric Heat (kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR) Ampacity	
		208V	240V	208V	240V
MAYHTR1P05BKRB	5	41.6	44.3	50	50
MAYHTR1P05BKRB	7.5	50.6	54.8	60	70
MAYHTR1P05BKRB	10	59.6	65.2	70	80
MAYHTR1P05BKRB	15	77.7	86.0	90	100
MAYHTR1P05BKRB	20	95.7	106.8	110	110

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE								
	M4PH4042A1000A								
	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)
Low	CFM	1343	1307	1258	1214	1159	-	-	-
Medium	CFM	-	-	1434	1383	1328	1264	1087	-
High	CFM	-	-	-	1604	1537	1465	1371	1133

# Features

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- 2-5 ton capacities available.
- High-efficiency 14 SEER ratings
- Architectural, anti-rust steel cabinets, tested to withstand 1,000-hour salt spray
- Quiet horizontal discharge
- High-efficiency compressors operate smoothly, quietly, consistently
- Auxiliary electric heaters available as a field installed option: 5kW,8kW,10kW,15kW,20kW (available heater sizes vary depending on model tonnage)

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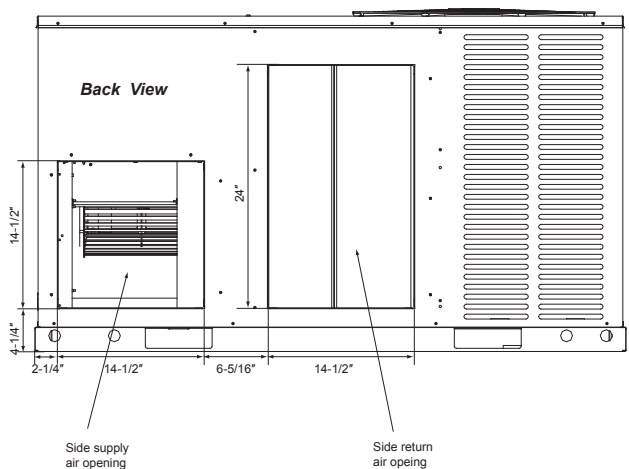
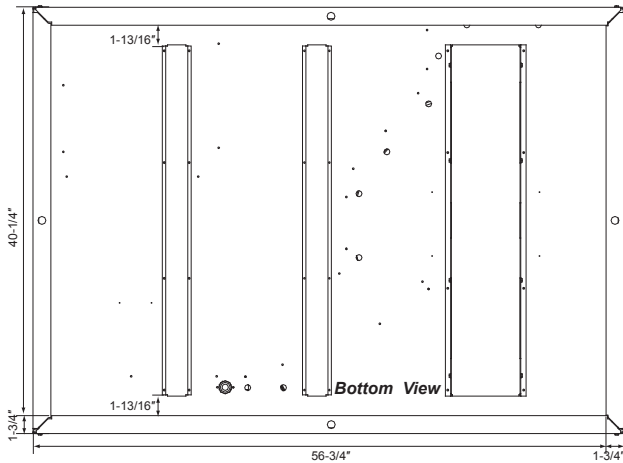
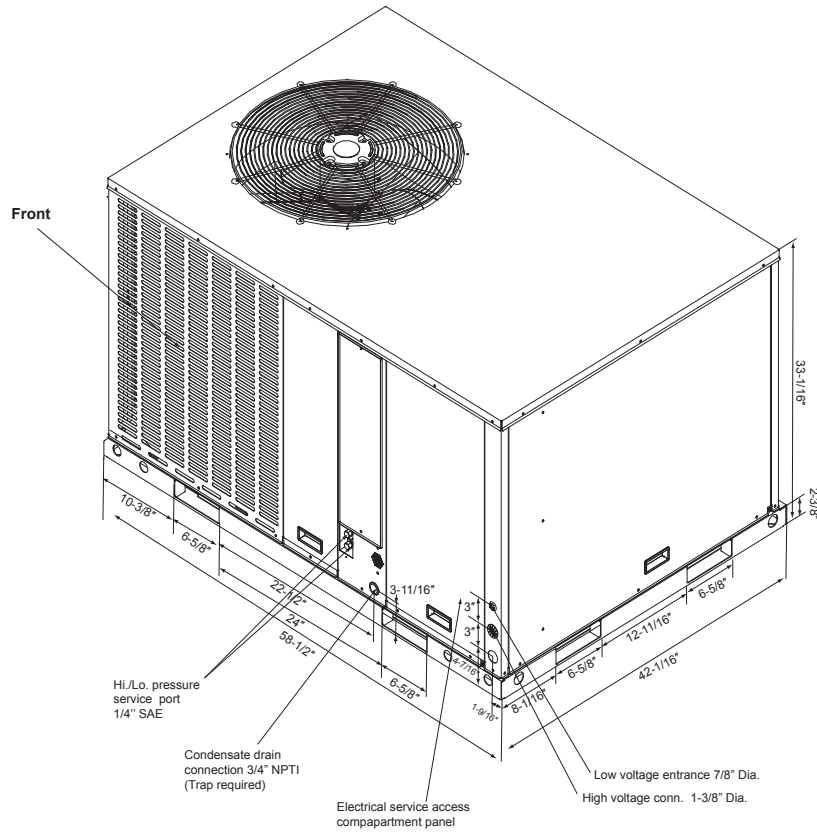


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# SUBMITTAL

## 4.0 Ton Heat Pump Package Units M4PH4048A1000A



## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PH4048A1000A
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	26.9
BR. CIR. PROT. RTG. - MAX. (AMPS)	40
SOUND POWER LEVEL [dB(A)]	78
COMPRESSOR	SCROLL
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	17.3 - 108
FACTORY INSTALLED	
START COMPONENTS	NO
INSULATION/SOUND BLANKET	NO
COMPRESSOR HEAT	NO
OUTDOOR FAN	
DIA. (IN.)	23-5/8
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	1/3
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	1.67
OUTDOOR COIL- TYPE	PLATE FIN
ROWS- F.P.I.	2 - 21
FACE AREA (SQ. FT.)	15.54
TUBE SIZE (IN.)	3/16

INDOOR FAN- TYPE	Centrifugal
DRIVE- NO. SPEEDS	DIRECT - 3
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	3/4
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	3.6
INDOOR COIL- TYPE	PLATE FIN
ROWS- F.P.I.	4 - 17
FACE AREA (SQ. FT.)	6.43
TUBE SIZE (IN.)	9/32
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410 (O.D. UNIT)	6 LBS. - 13 OZ.
DIMENSIONS	H X W X D
CRATED (IN.)	58-15/16X34-3/16X42-3/8
WEIGHT	
SHIPPING (LBS.)	472
NET (LBS.)	463

### Optional Heater

Heater Kit Model Used	Electric Heat (kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR) Ampacity	
		208V	240V	208V	240V
MAYHTR1P05BKRB	5	45.0	47.7	60	60
MAYHTR1P08BKRB	7.5	54.0	58.2	70	70
MAYHTR1P10BKRB	10	63.0	68.6	80	80
MAYHTR1P15BKRB	15	81.1	89.4	90	100
MAYHTR1P20BKRB	20	99.1	110.2	110	125

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE								
	M4PH4048A1000A								
	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)
Low	CFM	1497	1449	1401	1349	1291	-	-	-
Medium	CFM	-	-	1571	1511	1445	1370	1249	-
High	CFM	-	-	-	1685	1610	1527	1428	1192

# Features

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- 2-5 ton capacities available
- High-efficiency 14 SEER ratings
- Architectural, anti-rust steel cabinets, tested to withstand 1,000-hour salt spray
- Quiet horizontal discharge
- High-efficiency compressors operate smoothly, quietly, consistently
- Auxiliary electric heaters available as a field installed option: 5kW,8kW,10kW,15kW,20kW (available heater sizes vary depending on model tonnage)

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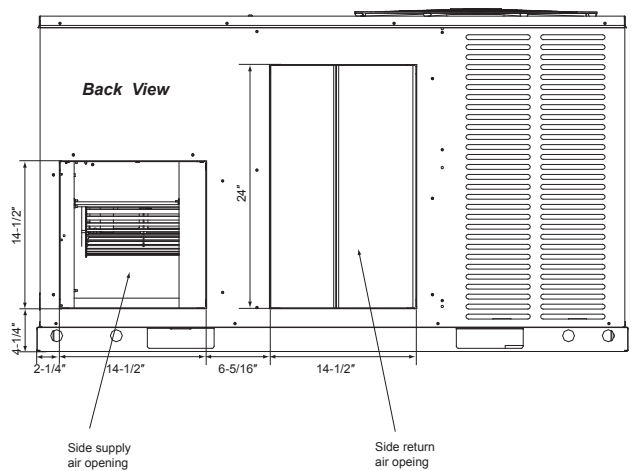
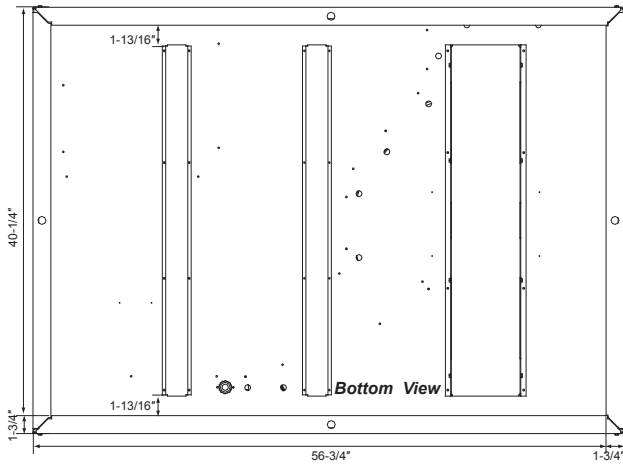
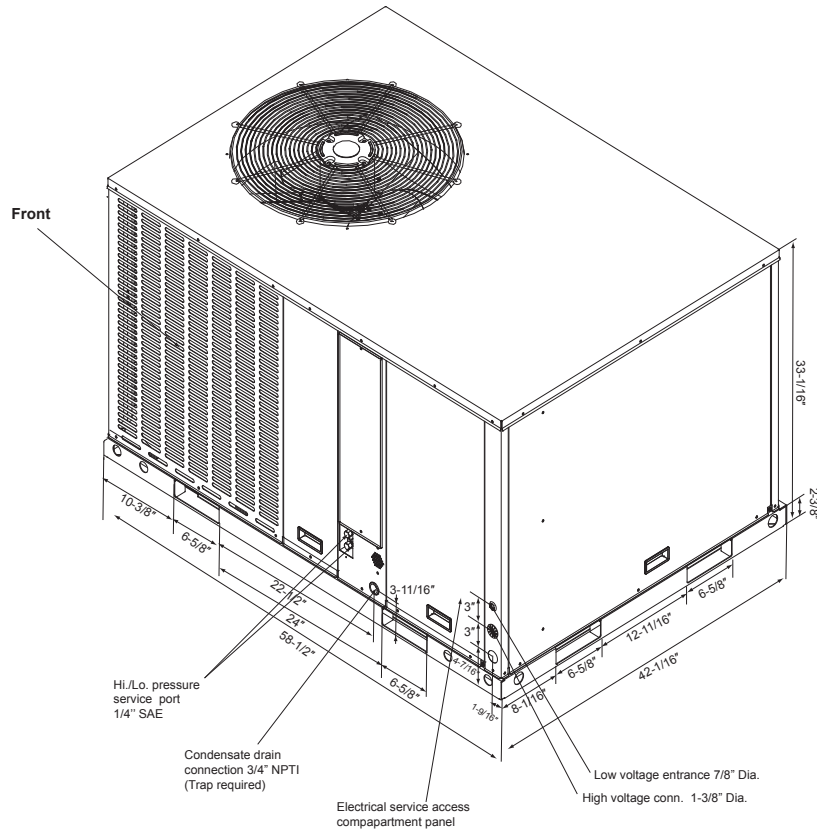


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# SUBMITTAL

## 5.0 Ton Heat Pump Package Units M4PH4060A1000A





## PRODUCT SPECIFICATIONS

### Specifications

MODEL	M4PH4060A1000A
POWER CONNS. - V/PH/HZ	208/230/1/60
MIN. BRCH. CIR. AMPACITY	34.6
BR. CIR. PROT. RTG. - MAX. (AMPS)	50
SOUND POWER LEVEL [dB(A)]	79
COMPRESSOR	SCROLL
NO. USED- NO. SPEEDS	1-1
VOLTS/PH/HZ	208/230/1/60
R.L. AMPS- L.R. AMPS	21.5 - 125
FACTORY INSTALLED	
START COMPONENTS	NO
INSULATION/SOUND BLANKET	NO
COMPRESSOR HEAT	NO
OUTDOOR FAN	
DIA. (IN.)	23-5/8
TYPE DRIVE- NO. SPEEDS	DIRECT - 1
MOTOR HP	1/3
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	1.67
OUTDOOR COIL- TYPE	PLATE FIN
ROWS- F.P.I.	2.7 - 20
FACE AREA (SQ. FT.)	15.30
TUBE SIZE (IN.)	9/32

INDOOR FAN- TYPE	Centrifugal
DRIVE- NO. SPEEDS	DIRECT - 3
CFM VS. IN. WG.	See Fan Performance Table
MOTOR HP	3/4
MOTOR SPEED R.P.M.	1075
VOLTS/PH/HZ	208/230/1/60
F.L. AMPS	6.0
INDOOR COIL- TYPE	PLATE FIN
ROWS- F.P.I.	4 - 17
FACE AREA (SQ. FT.)	6.43
TUBE SIZE (IN.)	9/32
REFRIGERANT CONTROL	ORIFICE
REFRIGERANT	
LBS. - R-410 (O.D. UNIT)	8 LBS. - 13 OZ.
DIMENSIONS	H X W X D
CRATED (IN.)	58-15/16X34-3/16X42-3/8
WEIGHT	
SHIPPING (LBS.)	487
NET (LBS.)	479

### Optional Heater

Heater Kit Model Used	Electric Heat (kW)	Min. Circuit Ampacity		Max. Fuse or Breaker (HACR) Ampacity	
		208V	240V	208V	240V
MAYHTR1P05BKRB	5	52.7	55.4	70	70
MAYHTR1P08BKRB	7.5	61.7	65.9	80	80
MAYHTR1P10BKRB	10	70.7	76.3	90	90
MAYHTR1P15BKRB	15	88.8	97.1	100	110
MAYHTR1P20BKRB	20	106.8	117.9	125	125

### Fan Performance Table

Motor Speed	AIR FLOW PERFORMANCE								
	M4PH4060A1000A								
	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)
Low	CFM	1865	1822	1770	1712	1643	-	-	-
Medium	CFM	-	-	1875	1808	1729	1642	1542	-
High	CFM	-	-	-	1905	1826	1736	1615	1479

# Features

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- 2-5 ton capacities available
- High-efficiency 14 SEER ratings
- Architectural, anti-rust steel cabinets, tested to withstand 1,000-hour salt spray
- Quiet horizontal discharge
- High-efficiency compressors operate smoothly, quietly, consistently
- Auxiliary electric heaters available as a field installed option: 5kW,8kW,10kW,15kW,20kW (available heater sizes vary depending on model tonnage)

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.