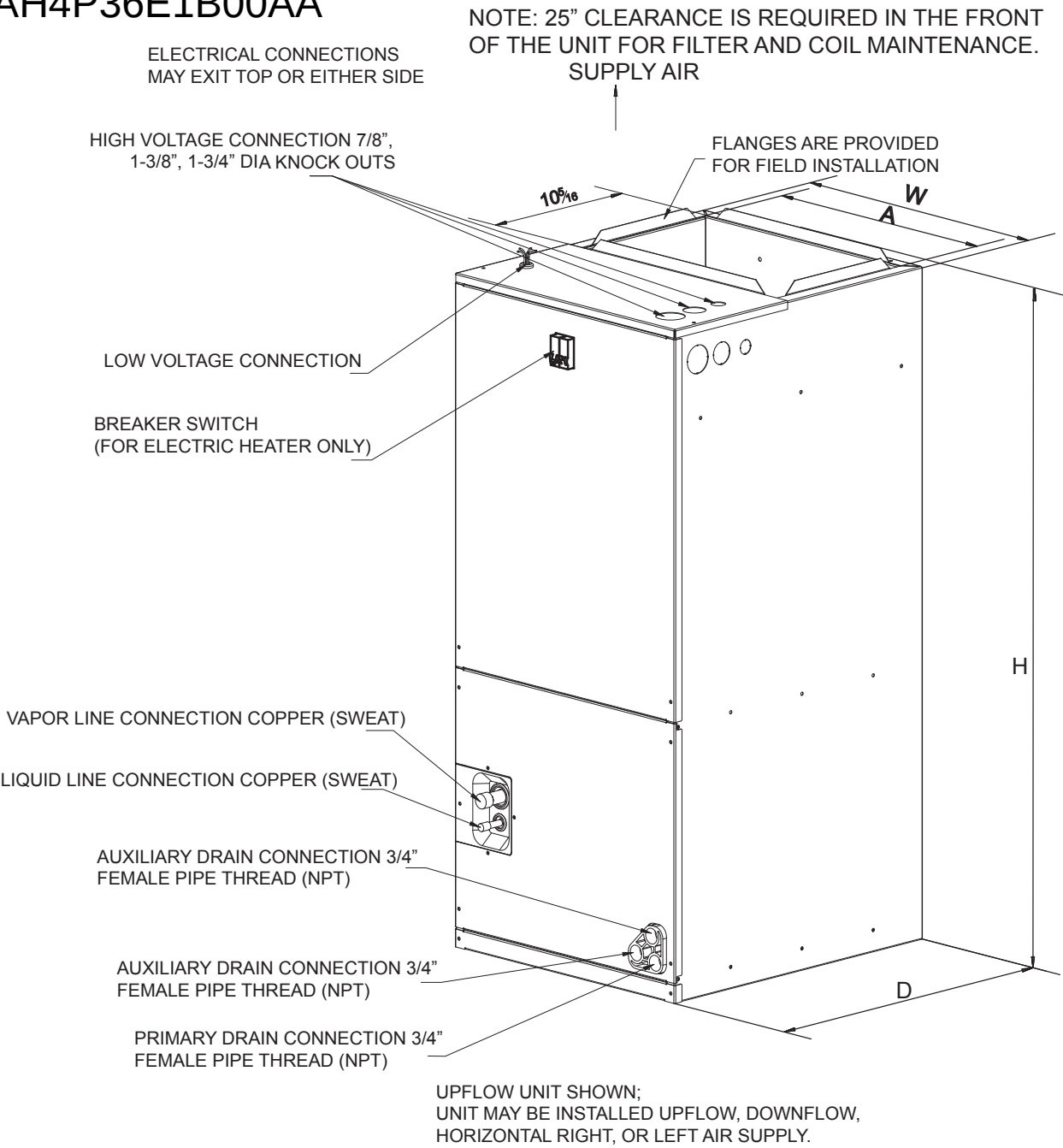


TAG: _____

SUBMITTAL

3.0 Ton
Multi-position Air Handler
M4AH4P36E1B00AA



NOTE: All dimensions are in mm/inches.

Model	H	W	D	A
M4AH4P36E1B00AA	1180 (46-1/2)	500 (19-5/8)	550 (21-5/8)	456 (18)

PRODUCT SPECIFICATIONS

PRODUCT SPECIFICATIONS

MODEL	M4AH4P36E1B00AA
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.)	13 X 10-5/8
No. Used	1
Drive - No. Speeds	Direct - 3
CFM vs. in. w.g.	See Fan Performance Table
No. Motors — H.P.	1 - 1/3
Motor Speed R.P.M.	865
Volts/Ph/Hz	208-230/1/60
F.L. Amps	2.6
FILTER	
Filter Furnished?	No
Type Recommended	Throwaway
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. Liq.	3/8
DIMENSIONS	H x W x D
Crated (In.)	47-1/8x22-5/16x25-3/8
Uncrated	46-1/2 x 19-5/8 x 21-5/8
WEIGHT	
Shipping (Lbs.)/Net (Lbs.)	143/128



Intertek



Note: For the 36K model (M4AH4P36E*), in order to make the AHRI 14.3 SEER2 system rating, please reference the wiring diagram in the Installation Instruction to change the fan speed from Medium to High.

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	29.4	25.9	35	30	Low	Low
MAYHTR1A08BKR*	7.5	42.4	37.2	45	40	Low	Low
MAYHTR1A10BKR*	10	55.4	48.5	60	50	Low	Low
MAYHTR1A15BKR*	15	55.4/26.1	48.5/22.6	60/30	50/25	Low	Low
MAYHTR1A20BKR*	20	55.4/52.1	48.5/45.2	60/60	50/50	Low	Low

Note: Factory set at Medium Speed.

Motor Speed	AIR FLOW PERFORMANCE									
	M4AH4P36E1B00AA									
	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)
Low	CFM	1028	985	930	859	781	712	649	571	468
Medium	CFM	1315	1266	1208	1146	1065	981	866	775	686
High	CFM	1532	1478	1421	1347	1284	1184	1082	932	805

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 aluminum tube 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
- 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.