

# Airdach

Heating &  
Air Conditioning

## Airdach Multi-Position Air Handler

PSC Motor

*1.5-5 Ton*

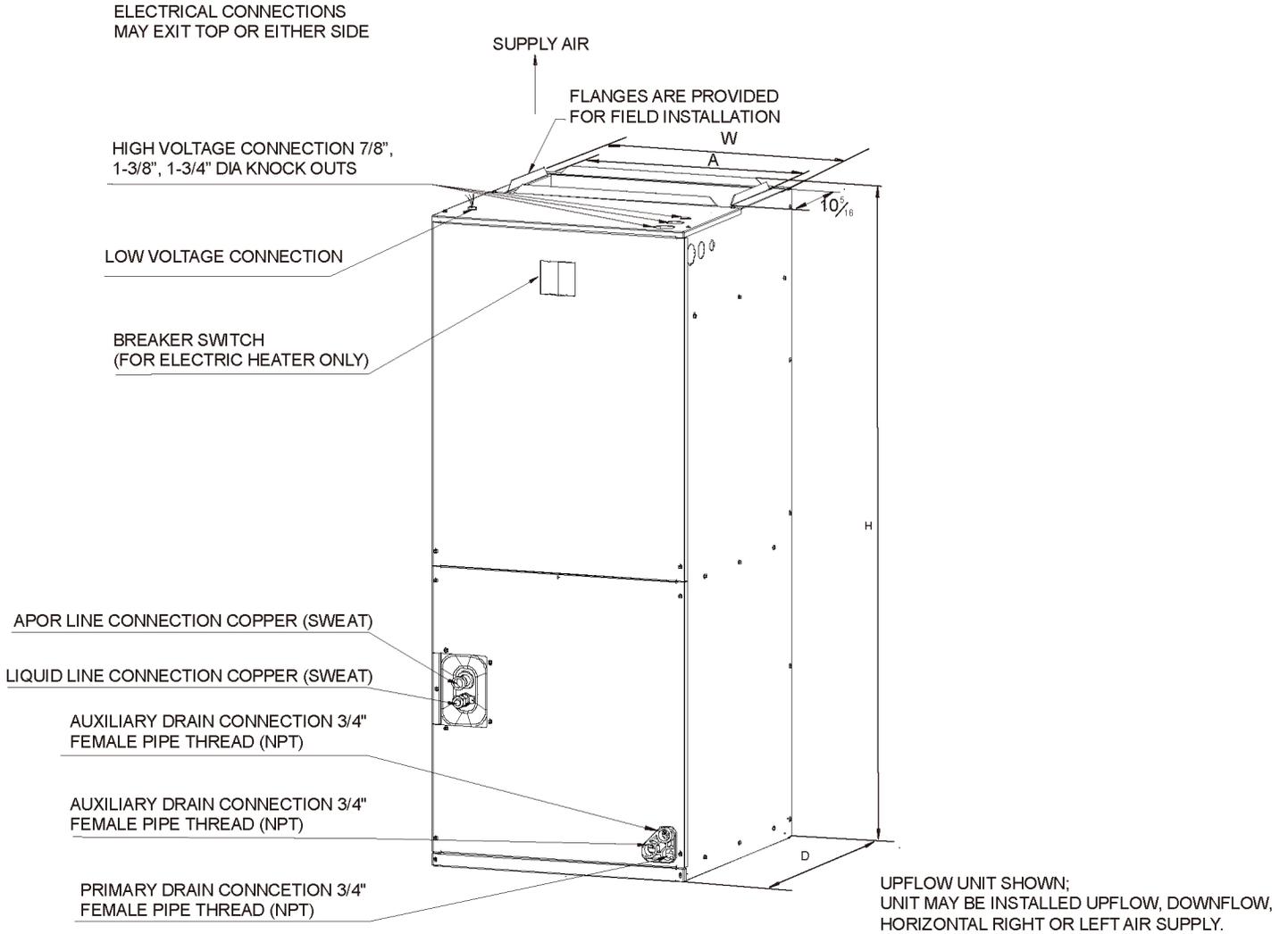
### Standard Features

- ❖ Available for cooling and heat pump applications.
- ❖ Multi-speed PSC blower motor.
- ❖ All-aluminum tubes & fins.
- ❖ Common Factory-sealed cabinet certified to achieve 2% or less leakage rate at 1.0 inch water column.
- ❖ Multi-position Installation.
- ❖ Horizontal and vertical condensate drain pans standard;
- ❖ Blower and coil easy slide out for ease of maintenance.
- ❖ Field Installed heater kits are optional: 5/7.5/10/15/20kW.
- ❖ AHRI Listed & ETL Certified.



# Dimensions

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



Model	A4DH1800MP1DO	A4DH2400MP1DO	A4DH3600MP1DO	A4DH4800MP1DO	A4DH6000MP1DO
<b>UNIT DIMENSION AND WEIGHTS</b>					
Height(in.)	41-3/8	46-1/2	46-1/2	54-1/2	54-1/2
Width(in.)	18-1/8	19-5/8	19-5/8	22	22
Depth(in.)	20-1/2	21-5/8	21-5/8	24	24
Weight(lbs.)	108	128	128	159	161



## Specifications

Model	A4DH1800MP1DO	A4DH2400MP1DO	A4DH3600MP1DO	A4DH4800MP1DO	A4DH6000MP1DO
<b>NOMINAL CAPACITY</b>					
Cooling (BTU/h)	18,000	24,000	36,000	48,000	60,000
External Static Pressure(in.w.c)	0.6	0.6	0.6	0.7	0.8
<b>ELECTRICAL DATA</b>					
Voltage / Phase (60 Hz)	208/230/1	208/230/1	208/230/1	208/230/1	208/230/1
Min. / Max. Voltage	187/253	187/253	187/253	187/253	187/253
Min. Circuit Amps	1.9	2.9	3.3	4.2	5.7
Max. Overcurrent Protection	15	15	15	15	15
<b>FAN MOTOR</b>					
Motor Type	PSC	PSC	PSC	PSC	PSC
Capacitor (uF)	6	10	10	20	20
Horsepower (HP)	1/5	1/4	1/2	1/2	3/4
Rated RPM	755	903	865	925	990
Full Load Amps (FLA)	1.5	2.3	2.6	3.3	4.5
<b>FAN BLOWER</b>					
Material	Metal	Metal	Metal	Metal	Metal
Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Diameter(in.)	10-5/8	13	13	13	13
Height(in.)	10-3/4	10-5/8	10-5/8	10-5/8	10-5/8
<b>EVAPORATOR COIL</b>					
Type	Tube & Fin				
Tube Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Tube Size(in.)	9/32	9/32	9/32	9/32	9/32
<b>REFRIGERANT CONNECTION SIZE</b>					
Liquid Line Size (O.D.)	3/8	3/8	3/8	3/8	3/8
Suction Line Size (O.D.)	3/4	3/4	3/4	7/8	7/8



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**OLDACH**  
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER

