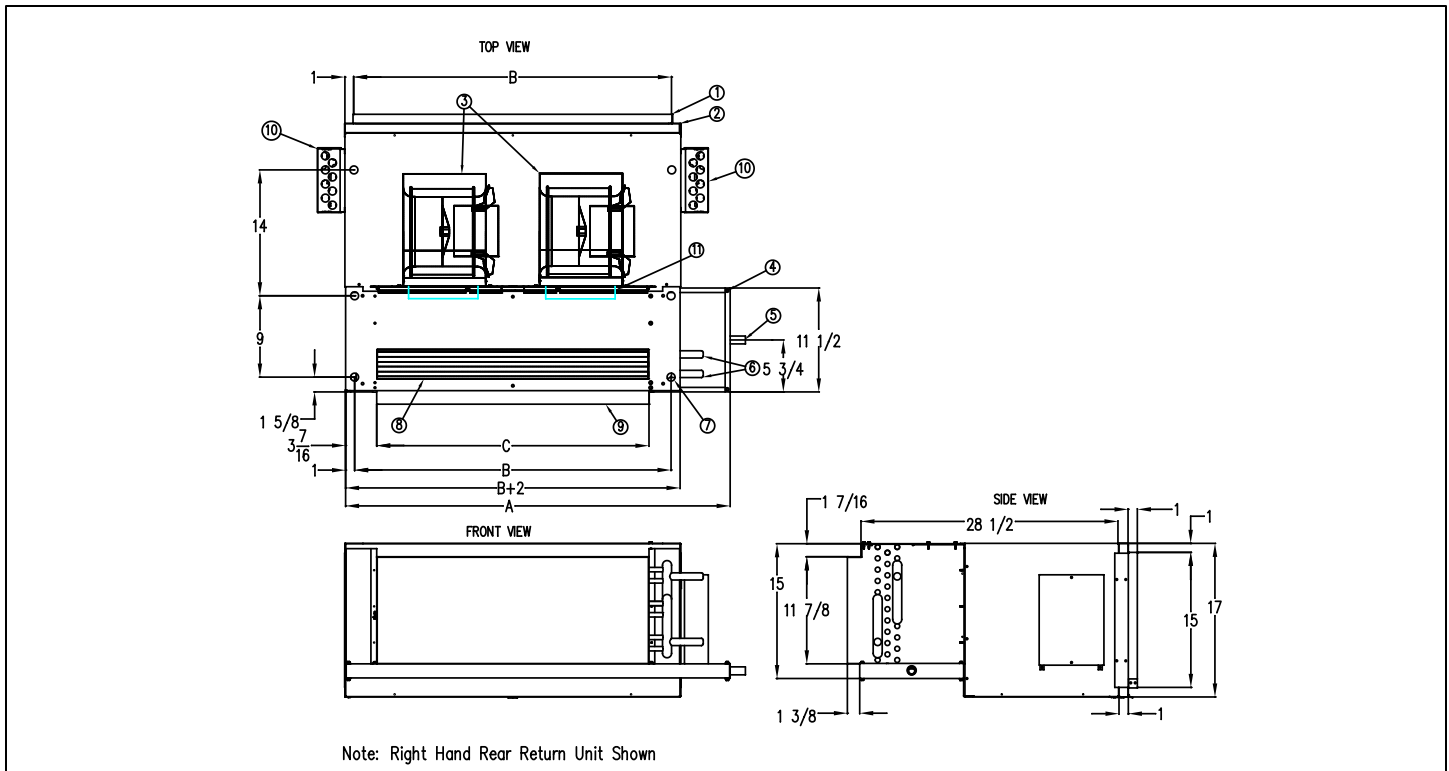


AHR

Horizontal High Output Concealed with Plenum



Model	Dimensions (inches)					Approx. Weight (lb)
	A	B	C	D	Filter	
AHR06	25 1/2	18	13	5/8	20x17x1	81
AHR08	30 1/2	23	18	5/8	25x17x1	94
AHR10	33 1/2	26	21	7/8	28x17x1	106
AHR12	38 1/2	31	26	7/8	33x17x1	117
AHR14	42 1/2	35	30	7/8	37x17x1	154
AHR16	46 1/2	39	34	7/8	41x17x1	175
AHR18	51 1/2	44	39	7/8	46x17x1	195
AHR20	55 1/2	48	43	7/8	50x17x1	212

1. Return air duct collar
 2. Filter (rear return shown)
 3. Blower / motor assembly
 4. Condensate pan
 5. Drain connection - 3/4" MNPT
 6. Chilled water connections (supply and return)
O.D. = 'D'; Hot water connections = 5/8" O.D.
 7. Mounting holes with rubber grommets
 8. Coil assembly
 9. Supply air duct collar
 10. Control/Electrical Box*
- *Control Box may be mounted on either side of unit

Accessories (Optional)

Check if provided.

- Motor Quick Disconnect, Rear Return Only
- Thermostat _____
- Control Transformer & Fan Relays
- Aquastat Changeover Switch

- Washable Filter
- Unit Disconnect Switch
- Fuse

This submittal is meant to demonstrate general dimensions of this product. The drawings are not meant to detail every aspect of the product. Drawings are not to scale.

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Accessories (Optional)

Coil - 1/2" O.D. Copper Tube; 10 Fins/Inch Aluminum, Sine Wave

2-Pipe

- 3-Row (STD.)
 4-Row (STD.)
 5-Row
 6-Row

4-Pipe (Cooling Rows/Heating Rows)

- 2/1-Row
 3/1-Row
 3/2-Row
 4/1-Row
 4/2-Row
 5/1-Row

- Chilled Water Cooling
 Hot Water Heating
 Glycol Cooling
 Glycol Heating

Motor

Motor(s) - 3 speed PSC

Standard
115V/60Hz/1ph

Model	HP	Total Amps
AHR06	1/4	3.5
AHR08	1/4	3.9
AHR10	1/4	4.1
AHR12	1/3	4.9
AHR14	2 X 1/4	2 X 4.1
AHR16	2 X 1/4	2 X 4.2
AHR18	2 X 1/4	2 X 4.3
AHR20	2 X 1/3	2 X 4.5

Optional:

- 208V/60Hz/1ph
 230V/60Hz/1ph
 277V/60Hz/1ph

Features:

- Automatic Reset
- Thermal Overload Protection System

Electric Heat – Single Phase (Optional)

		Electric Heater kW Primary or Supplementary				
		115 Volts	208 Volts	230 Volts	277 Volts	
Heater Voltage	Size	Blowers	Min-Max kW	Min-Max kW	Min-Max kW	Min-Max kW
<input type="checkbox"/> 115V <input type="checkbox"/> 208V <input type="checkbox"/> 230V <input type="checkbox"/> 277V	06	1	1-4 kW	1-6 kW	1-6 kW	1-6 kW
	08	1	1-4 kW	1-6 kW	1-6 kW	1-6 kW
	10	1	1-4 kW	1-6 kW	1-6 kW	1-6 kW
	12	1	1-4 kW	1-6 kW	1-6 kW	1-6 kW
	14	2	1-4 kW	1-9 kW	1-10 kW	1-10 kW
	16	2	1-4 kW	1-9 kW	1-10 kW	1-10 kW
	18	2	1-4 kW	1-9 kW	1-10 kW	1-10 kW
	20	2	1-4 kW	1-9 kW	1-10 kW	1-10 kW

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Condensate Pan

<input type="checkbox"/> Galvanized (STD.)	<input type="checkbox"/> Safety Overflow Float Switch*	Description: Inner and Outer Layer of 18 gauge Galvanized Sheet Metal with One - Inch Internal Insulation
<input type="checkbox"/> Safety (Two) Drain Connection		
<input type="checkbox"/> Extension Plate		
<input type="checkbox"/> Mastic Coating		
<input type="checkbox"/> Stainless Steel Inner Layer		

*24V, requires transformer and fan relay if not obtained with a 24V thermostat.

Valves and Valve Accessories

<input type="checkbox"/> Shut - Off Valve(s)	<input type="checkbox"/> Strainer(s)
<input type="checkbox"/> Shut - Off Valve w/ Memory Stop	<input type="checkbox"/> Manual Flow Control Valve(s)
<input type="checkbox"/> 2 - Way Motorized Valve	<input type="checkbox"/> Automatic Flow Control Valve(s)
<input type="checkbox"/> 3 - Way Motorized Valve	<input type="checkbox"/> Unions
<input type="checkbox"/> 2 - Way Modulating Valve	<input type="checkbox"/> Pete's Plug(s)

General Description

- This horizontal discharge fan coil unit is designed for concealed installations where a return air plenum and ducted air system are required. Typical applications are above closets, hallways, or bathrooms in hotels, motels, condominiums and commercial buildings.
 - Exterior fabricated of 18 gauge galvanized steel with 1/2" matte-faced liner for maximum thermal and acoustical insulation.
 - Removable motor/blower assembly.
- Throwaway filter.
 - Manual Air Vent.
- System charged with air to insure a leak free arrival at the job site.
 - Plenum designed for bottom or rear return and provided with filter clips (required on bottom return), horizontal filter slide or vertical filter slide.

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