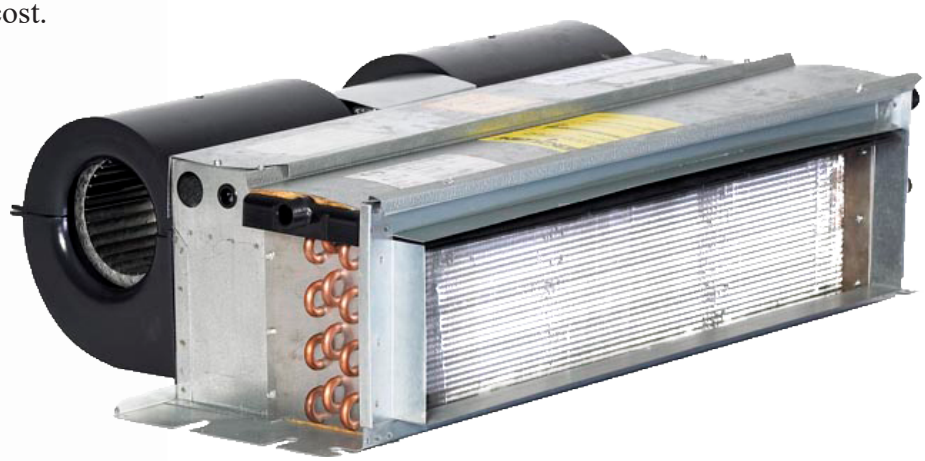
HFD/HFC Ceiling Mounted Air Handler

The HFD/HFC Series is designed for fully concealed installation in a furred-down ceiling space. This is a compact dual blower type fan coil unit requiring a sealed return air space. The series is engineered to be user friendly and only 10.25" high. The drain pan, coil, metering device, blower motor assembly, heater and electrical components are easily accessible and removable for service saving time, and expensive service labor cost.

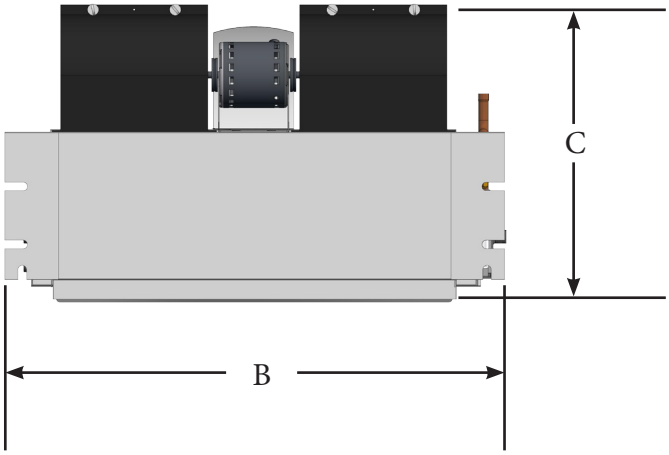


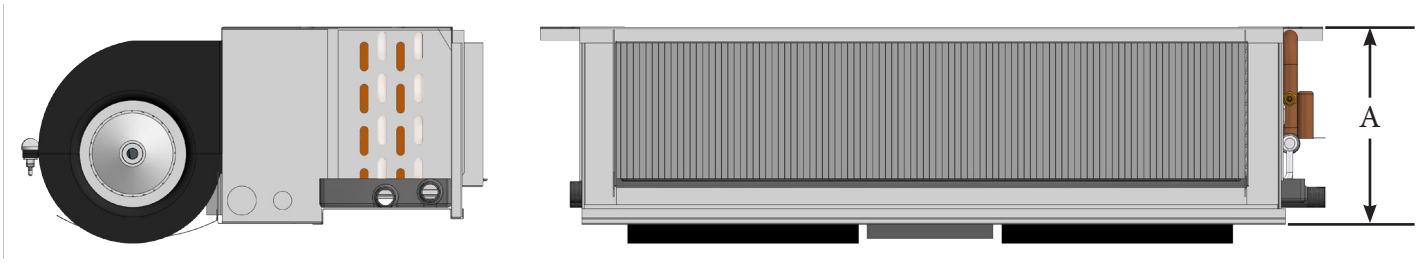
Features:

- Easy access to electrical components
- Polymer drain pan with 3/4" MPT Primary and Secondary
- 220\120V, 2 Speed Motor, 24V Transformer and Controls
- Line Voltage Terminal block
- Copper (T/E) Tubing / or Aluminum
- High efficiency aluminum end plates and ins
- Piton-type metering device, bolt on or Factory-installed TXV
- A1/A2L Compliant

WARNING

Warranty will be voided if any chemical cleaning products are used on any AllStyle coils. AllStyle suggests water and a soft, bristled brush.





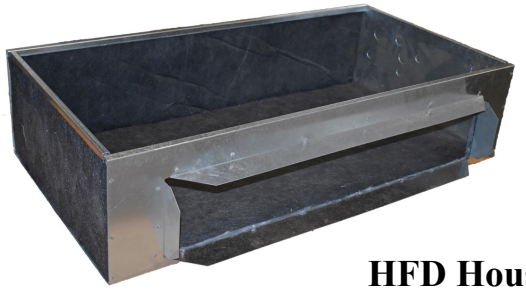
Cabinet Dimensions			
Model Number	Cabinet Height - A	Cabinet Width - B	Cabinet Depth - C
HF* 18 - 24	10.00”	37.25”	20.50”
HF* 18 - 30	10.00”	43.25”	20.50”
HF* 18- 36	10.00”	49.25”	20.50”

Blower Performance				
Model	Speed	External Static Pressure		
		.10	.20	.30
HFD 12-18	LOW	580	510	440
	HIGH	675	605	525
HFD 24	LOW	655	585	510
	HIGH	800	740	665
HFD 30	LOW	800	720	640
	HIGH	990	950	855
HFD 36	LOW	1125	1015	905
	HIGH	1220	1130	1015
HFD 37	LOW	1240	1125	1015
	HIGH	1335	1265	1145

Electrical Specifications @115V				
Model	Blower HP	AMP	MCA	MOP
HFD 12	1/8	1.65	2.1	15
HFD 18	1/2	2.9	3.7	15
HFD 24	1/3	3.3	4.2	15
HFD 30	1/3	3.3	4.2	15
HFD 36	1/2	5.7	7.2	15

HFD
Ceiling Mounted Air Handler
Heating Performance

Performance						
Model	Rows	CFM	Heating Performance Heat MBTUH based on 3 GOM 70°F RA Temp			
			120°F	140°F	160°F	180°F
HFD 12/18	1	400	6.9	9.7	12.5	15.4
		600	8.1	11.4	14.7	18.0
	2	400	11.5	16.1	20.8	25.4
		600	13.9	19.5	25.2	30.9
	3	400	14.0	19.8	25.5	31.2
		600	17.4	24.5	31.6	39.7
	4	400	15.7	22.1	28.5	34.9
		600	19.8	27.9	36.0	44.1
HFD 24	1	600	8.9	12.5	16.2	19.9
		800	10.0	14.1	18.2	22.3
	2	600	15.0	21.1	27.2	33.3
		800	17.1	24.1	31.0	38.0
	3	600	18.6	26.1	33.7	41.2
		800	21.4	30.1	38.9	47.6
	4	600	20.9	29.4	37.9	46.5
		800	24.3	34.2	44.2	54.1
HFD 30	1	800	10.9	15.3	19.7	24.2
		1000	11.8	16.7	21.5	26.4
	2	800	18.3	25.7	33.1	40.6
		1000	20.1	28.3	36.5	44.7
	3	800	22.6	31.8	41.0	50.2
		1000	25.1	35.3	45.4	55.7
	4	800	25.5	35.9	46.3	56.7
		1000	28.4	40.0	51.5	63.1
HFD 36	1	1000	12.7	17.9	23.1	28.3
		1200	13.6	19.2	24.8	30.4
	2	1000	21.3	30.0	38.6	47.3
		1200	23.0	32.3	41.6	51.0
	3	1000	26.3	36.9	47.6	58.3
		1200	28.4	40.0	51.5	61.1
	4	1000	29.6	41.6	53.6	65.6
		1200	32.1	45.1	58.2	71.3



HFD Housing

HFC
Ceiling Mounted Air Handler
Cooling Performance

Cooling Performance							
Model	CFM	Copper			Aluminum		
		Total Capacity/Sensible Capacity (MBTUH)			Total Capacity/Sensible Capacity (MBTUH)		
		40°F	45°F	50°F	40°F	45°F	50°F
30840	600	26.7/17.0	21.3/14.4	14.1/11.3	26.5/16.9	21.5/14.5	15.5/12.0
30842	600	28.0/17.8	22.4/15.2	15.1/12.2	28.3/18.1	22.4/15.2	15.4/12.2
30834	800	28.6/18.7	24.0/16.7	17.9/14.2	28.3/18.6	23.3/16.5	17.9/14.2
30840	800	31.6/20.4	26.5/18.1	18.5/14.8	31.4/20.4	25.9/17.9	19.6/15.2
30842	800	34.5/22.3	27.4/18.9	19.8/15.7	33.9/22.1	28.2/19.5	20.8/16.1
30850	800	35.2/22.6	28.5/19.4	20.9/16.2	35.1/22.8	28.4/19.5	21.4/16.3
36840	800	34.7/22.5	28.8/19.8	21.9/17.0	34.0/22.2	28.4/19.7	22.2/17.1
36834	1000	33.8/22.5	28.7/20.3	22.2/17.5	32.7/22.0	28.2/20.1	22.1/17.6
36840	1000	38.6/25.1	32.0/22.1	24.4/18.9	37.8/24.7	31.6/21.9	24.7/19.1
36850	1000	43.2/28.0	34.9/24.0	26.7/20.3	41.6/27.3	34.9/24.2	26.5/20.3
42840	1000	43.3/28.2	35.8/25.0	27.6/21.0	41.7/27.5	35.0/24.5	27.3/21.3
42834	1150	38.4/25.7	32.2/22.9	25.9/20.5	35.7/24.5	31.0/22.6	24.7/20.0
42840	1150	43.4/28.4	36.9/25.6	28.5/21.9	41.8/27.7	35.3/24.9	27.9/21.8
42850	1150	48.1/31.6	40.0/27.7	30.4/23.2	45.3/30.4	38.9/27.6	30.3/23.5

AllStyle Coil Company, L.P