



VERTICAL STACK FAN COILS



Sigma builds quality, high performance and dependable vertical stack fan coils to meet your design needs. Sigma offers a variety of vertical stack fan coils, options including integrated ERV, retro-fit fan coils, and exposed fan coils.

Our full offering is complemented by our experience to support all phases of construction from design selection to commissioning.

We have been in the HVAC business for over 25 years exceeding our customer's expectations. Let us show you how we make fan coils better and find out how we can turn your project into a success.



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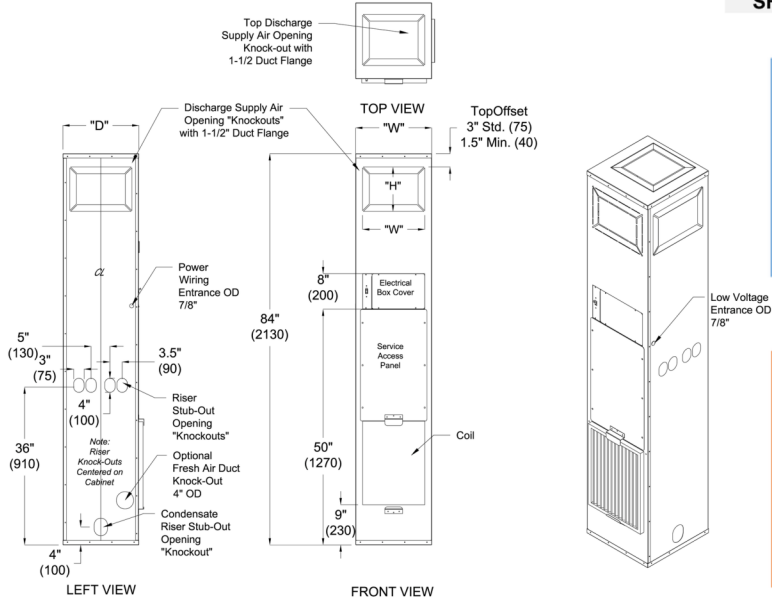
CONDOS | APARTMENTS | SENIOR LIVING | HOTELS

SHFC - VERTICAL STACK FAN COIL

Features

- 2-pipe, 4-pipe, with 2-way, 3-way or 6-way zone valves
- Return Air Panel with optional integrated supply grilles
- Optional Auto-Flow Balancing Valves
- Optional MERV 13 Filters

Model	Nominal CFM	Cabinet Dimensions (in)			Discharge Opening (in)	
		Width (W)	Depth (D)	Height (H)	Front (WxH)	Top (WxH)
SHFC 03	350	17	17	84	14 x 8	12 x 12
SHFC 04	400	17	17	84	14 x 10	12 x 12
SHFC 06	600	20	18.5	84	16 x 12	12 x 12
SHFC 08	800	20	18.5	84	16 x 12	14 x 14
SHFC 10	1000	22	18.5	84	16 x 14	16 x 16
SHFC 12	1200	22	18.5	84	16 x 14	16 x 16



COOLING CAPACITY								
Based on 45 °F EWT, 80 °F DB, 67 °F WB								
Model	CFM	Row	WDT (degF)	TCAP (MBH)	SCAP (MBH)	WFLW (gpm)	LAT (degF)	WPD (ft wg)
SHFC 03	350	4	10	9.6	7.3	1.5	58.2	5.2
SHFC 04	450	4	10	14.0	10.2	2.5	58.0	13.1
SHFC 06	600	4	10	20.8	14.8	3.5	55.1	8.3
SHFC 08	800	4	10	27.2	19.9	4.0	55.9	11.4
SHFC 10	1000	4	10	33.5	24.3	4.5	55.7	16.4
SHFC 12	1200	4	10	36.5	26.6	5.0	55.9	18.4

HEATING CAPACITY							
Based on 120 °F EWT, 70 °F DB							
Model	CFM	Row	WDT (degF)	CAP (MBH)	WFLW (gpm)	LAT (degF)	WPD (ft wg)
SHFC 03	320	2	15	7.3	1.0	92	1.4
SHFC 04	450	2	15	9.5	1.3	90	2.3
SHFC 06	600	2	15	16.0	2.3	97	3.2
SHFC 08	800	2	15	21.8	3.0	97	4.0
SHFC 10	1000	2	15	28.4	4.0	98	7.7
SHFC 12	1200	2	15	31.0	4.5	98	9.6

SHFCE - VERTICAL STACK FAN COIL WITH INTEGRATED ERV

Features

- 8 standard selectable ERV port configurations
- ERV Fan up to 145 CFM at 0.25" ESP
- 2-pipe/4-pipe, with 2-way/3-way/6-way zone valves
- Return Air Panel w/ optional integrated supply grilles
- High Efficiency 80%+ Core
- Optional MERV 13 Filters
- Optional ERV Filters - MERV13 & Charcoal

Model	Nominal CFM	Cabinet Dimensions (in)			Discharge Opening (in)		
		Width (W)	Depth (D)	Height (H)	Front (WxH)	Right/Left (WxH)	Top (WxH)
SHFCE 03	350	20	20	80	16 x 8	10 x 16	12 x 12
SHFCE 04	450	20	20	80	16 x 8	10 x 16	12 x 12
SHFCE 06	600	20	20	80	16 x 8	10 x 16	12 x 12
SHFCE 08	800	20	22	80	16 x 8	12 x 24	12 x 16
SHFCE 10	1000	20	22	80	16 x 8	12 x 24	12 x 16
SHFCE 12	1200	20	22	80	16 x 8	12 x 24	12 x 16

