



LOW TEMP HEAT

INTEGRATED ERV

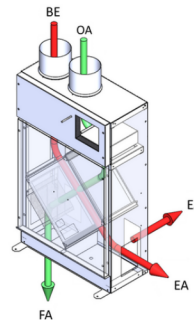
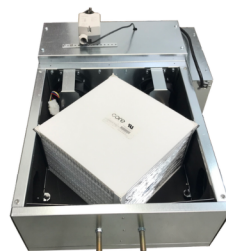


VERTICAL STACK FAN COILS

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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SHFC - VERTICAL STACK FAN COIL

Model	Nominal CFM (L/s)	Cabinet Dimensions (in/mm)				Discharge Opening (in/mm)	
		Width (W)	Depth (D)	Height (H)	Short Cabinet Height (H)	Front (WxH)	Top (WxH)
SHFC 03	350 (165)	17 (430)	17 (430)	84 (2130)	60 (1520)	14 x 8 (360x200)	12 x 12 (300x300)
SHFC 04	450 (190)	17 (430)	17 (430)	84 (2130)	60 (1520)	14 x 10 (360x250)	12 x 12 (300x300)
SHFC 06	600 (285)	20 (510)	18.5 (470)	84 (2130)	60 (1520)	16 x 12 (410x300)	12 x 12 (300x300)
SHFC 08	800 (380)	20 (510)	18.5 (470)	84 (2130)	60 (1520)	16 x 12 (410x300)	14 x 14 (360x360)
SHFC 10	1000 (470)	20 (510)	18.5 (470)	84 (2130)	60 (1520)	16 x 14 (410x360)	16 x 16 (410x410)
SHFC 12	1200 (570)	20 (510)	18.5 (470)	84 (2130)	60 (1520)	16 x 14 (410x360)	16 x 16 (410x410)

Features:

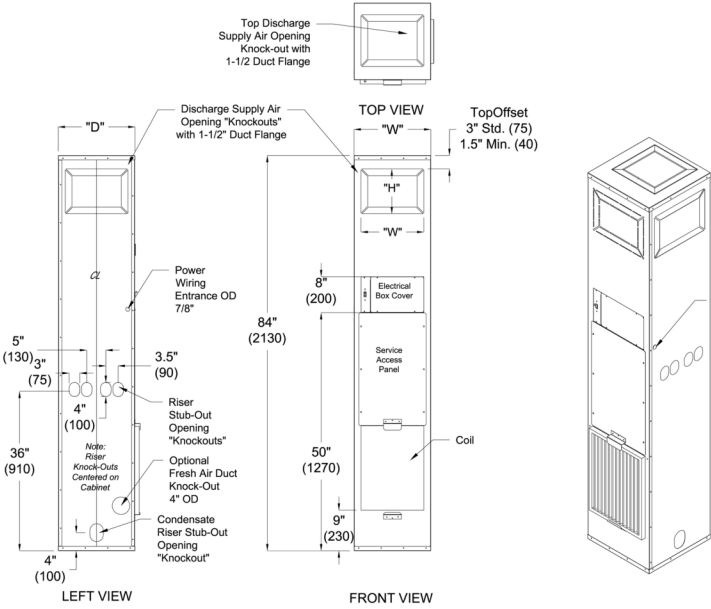
- 2-pipe, 4-pipe, with 2-way, 3-way or 6-way control valves
- Return Air Panel with optional integrated supply grilles
- Hose Kits
- Isolation Ball Valves
- Optional Auto-Flow Balancing Valves
- Type M or Type L Copper Risers
- Optional MERV 13 Filters

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	13.6	9.5	2.7	56	5.9
SHFC 04	425	4	10	16.6	11.5	3.3	57	6.8
SHFC 06	600	4	10	23.8	16.4	4.7	56	13.9
SHFC 08	800	4	10	31.1	21.5	6	57	21.6
SHFC 10	1000	4	10	35.2	25.5	7	56	4.7
SHFC 12	1200	4	10	43.1	30.9	8.5	57	7.1

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	350	2	15	10.8	1.5	101	2.1
SHFC 04	425	2	15	13.6	2	101	3.6
SHFC 06	600	2	15	17.9	2.5	101	5.8
SHFC 08	800	2	15	24.3	3.5	100	9.3
SHFC 10	1000	2	15	30.8	4.5	100	5.2
SHFC 12	1200	2	15	37.0	5.5	100	6.0



SHFCE - VERTICAL STACK FAN COIL WITH INTEGRATED ERV

Model	Nominal CFM (L/s)	Cabinet Dimensions (in/mm)			Discharge Opening (in/mm)		
		Width (W)	Depth (D)	Height (H)	Front (WxH)	Right/Left (WxH)	Top (WxH)
SHFCE 03	350 (165)	20 (510)	20 (510)	80 (2030)	16 x 8 (410x200)	10 x 16 (250x410)	12 x 12 (300x300)
SHFCE 04	450 (190)	20 (510)	20 (510)	80 (2030)	16 x 8 (410x200)	10 x 16 (250x410)	12 x 12 (300x300)
SHFCE 06	600 (285)	20 (510)	20 (510)	80 (2030)	16 x 8 (410x200)	10 x 16 (250x410)	12 x 12 (300x300)
SHFCE 08	800 (380)	20 (510)	22 (560)	80 (2030)	16 x 8 (410x200)	12 x 24 (300x610)	12 x 16 (300x410)
SHFCE 10	1000 (470)	20 (510)	22 (560)	80 (2030)	16 x 8 (410x200)	12 x 24 (300x610)	12 x 16 (300x410)
SHFCE 12	1200 (570)	20 (510)	22 (560)	80 (2030)	16 x 8 (410x200)	12 x 24 (300x610)	12 x 16 (300x410)

Features:

- 8 standard selectable ERV port configurations
- 2-pipe, 4-pipe, with 2-way, 3-way or 6-way control valves
- Optional ERV bathroom timers
- Return Air Panel with optional integrated supply grilles
- Hose Kits
- Isolation Ball Valves
- Optional Auto-Flow Balancing Valves
- Type M or Type L Copper Risers
- Optional MERV 13 Filters

