



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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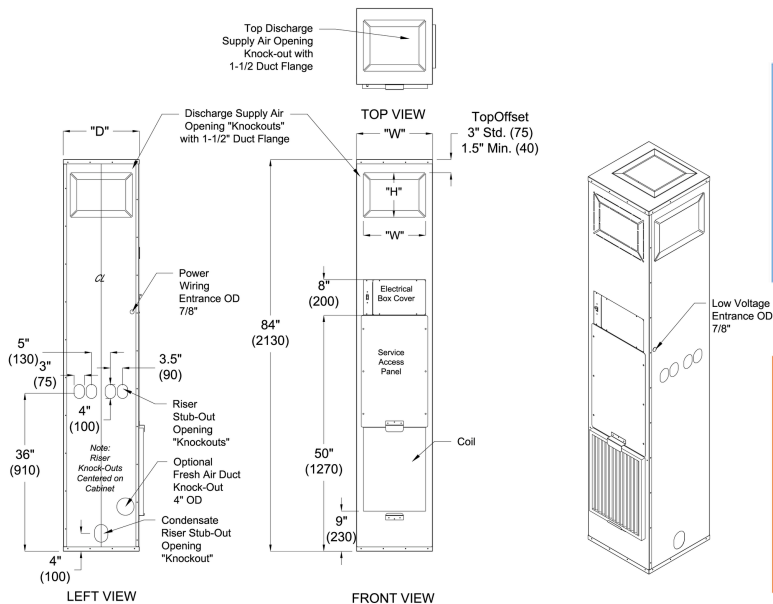


CONDOS | APARTMENTS | SENIOR LIVING | HOTELS

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 10 | 14 x 10 |
| SHFC 04 | 400 | 17 | 17 | 84 | 14 x 10 | 14 x 10 |
| SHFC 06 | 600 | 17 | 17 | 84 | 14 x 10 | 14 x 10 |
| SHFC 08 | 800 | 20 | 18.5 | 84 | 16 x 10 | 16 x 10 |
| SHFC 10 | 1000 | 20 | 18.5 | 84 | 16 x 10 | 16 x 10 |
| SHFC 12 | 1200 | 20 | 18.5 | 84 | 16 x 10 | 16 x 10 |

| COOLING CAPACITY | | | | | | |
|--|------|-----|------------|------------|------------|------------|
| Based on 45 °F EWT, 80 °F DB, 67 °F WB | | | | | | |
| Model | CFM | Row | WDT (degF) | TCAP (MBH) | SCAP (MBH) | WFLW (gpm) |
| SHFC 03 | 350 | 4 | 10 | 9.6 | 7.3 | 1.5 |
| SHFC 04 | 450 | 4 | 10 | 14.0 | 10.2 | 2.5 |
| SHFC 06 | 600 | 4 | 10 | 20.8 | 14.8 | 3.5 |
| SHFC 08 | 800 | 4 | 10 | 27.2 | 19.9 | 4.0 |
| SHFC 10 | 1000 | 4 | 10 | 33.5 | 24.3 | 4.5 |
| SHFC 12 | 1200 | 4 | 10 | 36.5 | 26.6 | 5.0 |

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

SHFCE - VERTICAL STACK FAN COIL WITH INTEGRATED ERV

Features

- 8 standard selectable ERV port configurations
- High Efficiency Counter-Flow Sensible 80%+ Core
- 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
- Optional MERV 13, 2-inch 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 | 17 x 7 | 10 x 16 | 10 x 16 |
| SHFCE 04 | 450 | 20 | 20 | 80 | 17 x 7 | 10 x 16 | 10 x 16 |
| SHFCE 06 | 600 | 20 | 20 | 80 | 17 x 7 | 10 x 16 | 10 x 16 |
| SHFCE 08 | 800 | 20 | 22 | 80 | 17 x 7 | 12 x 24 | 12 x 16 |
| SHFCE 10 | 1000 | 20 | 22 | 80 | 17 x 7 | 12 x 24 | 12 x 16 |
| SHFCE 12 | 1200 | 20 | 22 | 80 | 17 x 7 | 12 x 24 | 12 x 16 |

