

Vertical Concealed FCU

Product Info

Category: Vertical Concealed

Products: 5FCVC02, 5FCVC03, 5FCVC04, 5FCVC06, 5FCVC08, 5FCVC10, 5FCVC12



* Available in 2-pipe and 4-pipe configurations

Specifications

| | 5FCVC02 | 5FCVC03 | 5FCVC04 | 5FCVC06 | 5FCVC008 | 5FCVC10 | 5FCVC12 |
|-----------------------|---------|---------|---------|---------|----------|---------|---------|
| Air Flow High | 180 | 260 | 400 | 580 | 870 | 920 | 1,160 |
| Air Flow Medium | 130 | 200 | 270 | 460 | 710 | 770 | 940 |
| Air Flow Low | 100 | 160 | 220 | 330 | 550 | 600 | 640 |
| Cooling Capacity High | 4,900 | 7,000 | 11,900 | 15,300 | 23,400 | 25,400 | 29,300 |
| Cooling Capacity Med. | 7,100 | 9,900 | 15,000 | 22,800 | 34,400 | 36,000 | 45,500 |

| | | | | | | | |
|------------------------------|-------|--------|--------|--------|--------|--------|--------|
| Cooling Capacity Low | 3,900 | 5,700 | 8,500 | 11,700 | 19,500 | 21,300 | 21,500 |
| Heating Capacity High | 8,300 | 11,600 | 19,600 | 26,700 | 38,500 | 41,300 | 53,100 |
| Heating Capacity Medium | 7,100 | 9,900 | 15,000 | 22,800 | 34,400 | 36,000 | 45,500 |
| Heating Capacity Low | 6,100 | 8,200 | 12,200 | 17,700 | 29,800 | 31,600 | 35,600 |
| Voltage | 115 | 115 | 115 | 115 | 115 | 115 | 115 |
| Sound Level High (NC rating) | 33 | 36 | 37 | 44 | 44 | 47 | 49 |
| Sound Level Med. (NC rating) | 27 | 28 | 29 | 38 | 39 | 42 | 45 |
| Sound Level Low (NC rating) | 22 | 24 | 24 | 30 | 32 | 32 | 34 |
| Width | 25.5" | 25.5" | 33.25" | 37.25" | 48.75" | 48.75" | 60.75" |
| Height | 25" | 25" | 25" | 25" | 25" | 25" | 25" |
| Depth | 9.25" | 9.25" | 9.25" | 9.25" | 9.25" | 9.25" | 9.25" |

877-ICE-AIR-1

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Vertical Concealed

Ice Air's family of Fan Coil Units (FCUs) **provides superior whisper quiet, energy efficient performance.** And, they are guaranteed to lower your installation and operating costs on your next new construction, retrofit or renovation project. They are available in a variety of coil configurations to offer heating, cooling or both to a variety of spaces. Our FCUs can be installed in the ceiling (Horizontal Concealed and Horizontal Concealed–Ultra Thin), exist as freestanding cabinet units (Vertical Exposed), mounted inside walls (Vertical Concealed), or furred into walls (Hi Rise).

Our versatile FCUs are ideal for high-volume users like:

- Residential buildings
- Medical facilities
- Hotels/Motels
- Office buildings & more

Fan Coil Units are a simple and easy cooling and heating solution that fits – providing reliable performance, high efficiency, ease of operation, low cost, easy installation, quiet comfort and a variety of customized options.

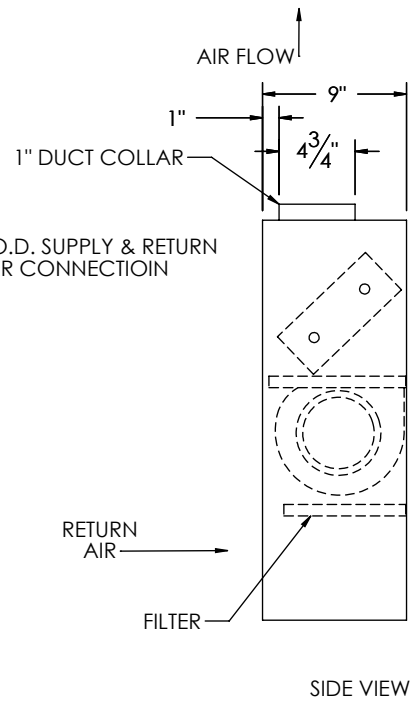
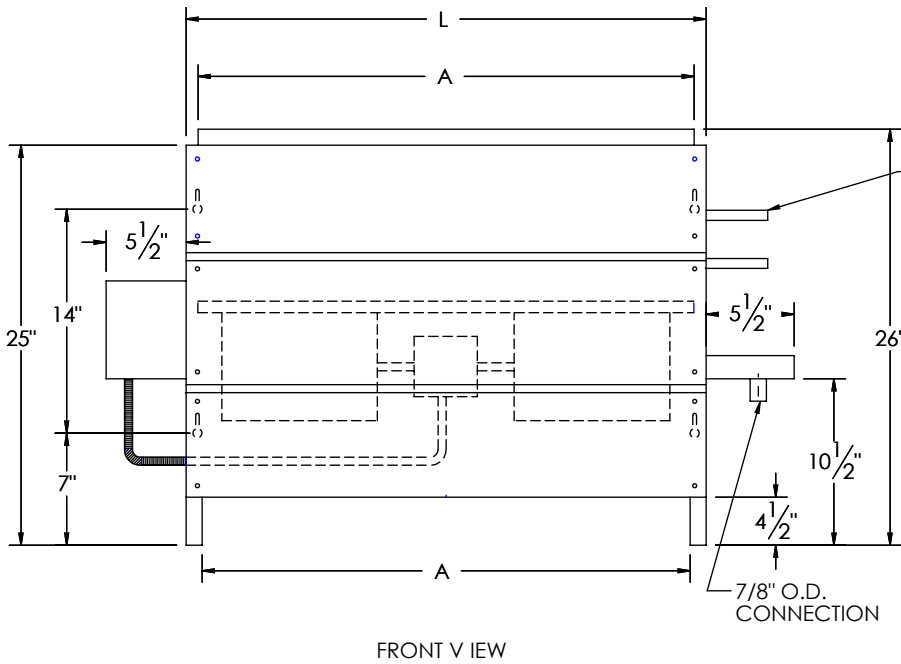
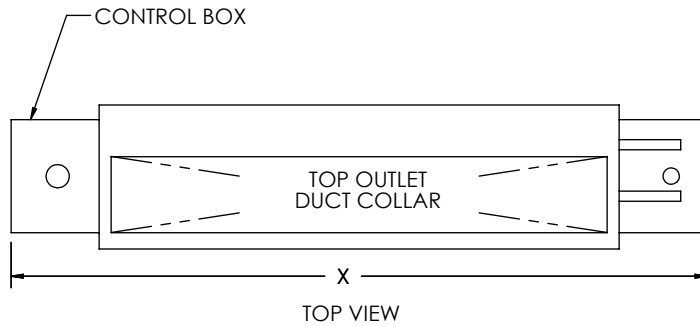
The Ice Air Fan Coil Unit Variety:

- Vertical Concealed
- Horizontal Concealed
- Vertical Exposed
- Horizontal Concealed – Ultra Thin
- Hi Rise

| MODEL | | 5FCVC02 | 5FCVC03 | 5FCVC04 | 5FCVC06 | 5FCVC08 | 5FCVC10 | 5FCVC12 |
|------------------------|--------|----------------------------|---------|---------|---------|---------|---------|---------|
| Air Flow (CFM) | High | 180 | 260 | 400 | 580 | 870 | 920 | 1160 |
| | Med | 130 | 200 | 270 | 460 | 710 | 770 | 940 |
| | Low | 100 | 160 | 220 | 330 | 550 | 600 | 640 |
| Cooling Capacity (BTU) | High | 4900 | 7000 | 11900 | 15300 | 23400 | 25400 | 29300 |
| | Med | 4400 | 6400 | 9800 | 13600 | 22000 | 23200 | 26600 |
| | Low | 3900 | 5700 | 8500 | 11700 | 19500 | 21300 | 21500 |
| Heating Capacity (BTU) | High | 8300 | 11600 | 19600 | 26700 | 38500 | 41300 | 53100 |
| | Med | 7100 | 9900 | 15000 | 22800 | 34400 | 36000 | 45500 |
| | Low | 6100 | 8200 | 12200 | 17700 | 29800 | 31600 | 35600 |
| Dimension | Width | 25-1/2" | 25-1/2" | 33-1/4" | 37-1/4" | 48-3/4" | 48-3/4" | 60-3/4" |
| | Height | 25" | 25" | 25" | 25" | 25" | 25" | 25" |
| | Depth | 9-1/4" | 9-1/4" | 9-1/4" | 9-1/4" | 9-1/4" | 9-1/4" | 9-1/4" |
| Fan | Type | Double Inlet Forward Curve | | | | | | |
| | Number | 1 | 2 | 2 | 2 | 3 | 4 | 4 |

| | | |
|-------------------|----------------------------|---|
| Motor | Voltage/Hz | 115V/60Hz |
| Coil | Type | Aluminum Fin and Copper Tube |
| Piping Connection | Inlet/Outlet Condensate | 1/2" 5/8" |
| Cooling | | 80°F DB, 67°F WB, 45°F Entering Water, 10° Temperature differential |
| Heating | | 70°F DB, 180°F Entering Water |

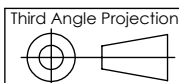
Contact Ice Air today at **1-877 ICE-AIR-1** or visit **www.ice-air.com** to learn more!



| Ice-Air Vertical Concealed Unit | | | | | | | | |
|---------------------------------|---|--------|--------|--------|--------|--------|--------|--------|
| Model | | FCVC02 | FCVC03 | FCVC04 | FCVC06 | FCVC08 | FCVC10 | FCVC12 |
| Dimensions | L | 22 | 25 | 33 | 42 | 44 | 58 | 66 |
| | A | 20 3/4 | 23 3/4 | 31 3/4 | 40 3/4 | 42 3/4 | 56 3/4 | 64 3/4 |

NOTES.

1. COIL CONNECTIONS ARE ALWAYS ON THE SIDE OPPOSITE THE CONTROL BOX.
2. ALL DUCT COLLAR DIMENSIONS ARE TO THE OUTSIDE OF THE COLLAR.
3. COIL CONNECTIONS ARE 5/8" O.D. SWEAT.
4. ALL DIMENSIONS ARE $\pm 1/4"$



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|---|--|-------------------------------------|----------------|--|--------------------------|
| MATERIAL: | ICE-AIR LLC. 80 HARTFORD AVENUE MOUNT VERNON, NY 10553 | | | | |
| WEIGHT (LBS): | | | | | |
| FINISH: | TITLE: VERTICAL CONCEALED UNIT | | | | |
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/32 ANGULAR: MACH ± ° BEND ± 1° TWO PLACE DECIMAL ± .03 THREE PLACE DECIMAL ± .015 | MODEL BY: | | DATE: | | DWG. NO. APA-9006 |
| | DRAWING BY: LR | | DATE: 04/16/09 | | |
| | SIZE A | SCALE: NONE DO NOT SCALE DRAWING | | | SHEET 1 OF 1 |