

IPS Fan Coil – Hi Performance Vertical Series

400 CFM to 2200 CFM

Vertical Basic (CV-B)



The Vertical Basic (CV-B) is a high static, ducted vertical cased fan coil with bottom return. Primarily used in vertical floor-mounted or hideaway applications, the CV-B is furred into partition walls or hidden in closets, utility rooms and other concealed locations with a ducted discharge. A removable front access panel facilitates easy servicing. A one-inch discharge duct flange is standard on the top panel of each unit. Front Return Basic CV-K also available.

400 CFM to 2200 CFM

Vertical Deluxe (CV-D)



The Vertical Deluxe (CV-D) is our CV-B Basic model primarily used in floor-mounted or exposed applications. The CV-D is finished in a soft white, powder coat epoxy and subjected to a 500 hour salt spray test in accordance with ASTM B117. Front Return Deluxe CV-J also available.

400 CFM to 2200 CFM

Vertical Front Return (CV-F)



The Vertical Front Return (CV-F) is a high static, ducted vertical fan coil for installation in a closet-type enclosure. The front panel is removable for easy service access to the slide-out blower assembly, with quick-connect plug. CV-F with return-air grille option allows unit to be furred-in. Grille mounts to drywall for easy access without the expense of a closet door. Vertical Front Return Deluxe CV-R also available.

General Technical Data

Unit Type	Unit Size	Rated CFM	GPM	P.D. - FT. H ₂ O	Cooling Capacity		Power Input Watts
					Total Cooling BTUH	Sensible Cooling BTUH	
CV-F/R	06	730	3.8	1.0	20,700	16,900	260
CV-F/R	08	960	5.5	2.1	29,400	23,000	360
CV-F/R	10	1,060	6.2	3.0	34,000	26,400	383
CV-F/R	12	1,300	7.4	4.8	43,000	32,800	540
CV-F/R	15	1,580	10.6	6.0	56,000	41,000	533**
CV-F/R	18	1,840	12.5	9.2	67,000	49,000	654**
CV-F/R	22	2,010	14.0	12.4	75,000	54,300	768**

Notes: Based on 80° DB and 67° WB EAT, 45° F EWT, 10° F temperature rise, high fan speed. Motor voltage 115/1/60 power source.

Air flow under dry coil conditions. Water pressure drops shown in feet of water. ** Data shown for two (2) motors.

Note: Williams Furnace Company® may change the design and product specifications at any time. Contact ABS or the factory for current information.