

Product Cut Sheet

VERTICAL EXHAUST DUCT SYSTEM COMPONENTS FOR F-SERIES TERAFRAME® CABINET SYSTEM

Upgrade your F-Series TeraFrame® cabinet to a ducted exhaust cabinet by adding the Vertical Exhaust Duct System components necessary to isolate and guide hot air out of the top of the cabinet. Combine the Vertical Exhaust Duct System components with an Air Dam Kit and Snap-In Filler Panels in a cabinet with a perforated front floor, solid side panels and a solid rear door to create front-to-top airflow through the duct. Connect the duct to a drop ceiling plenum to isolate the hot air return path and keep the room and equipment cooler.

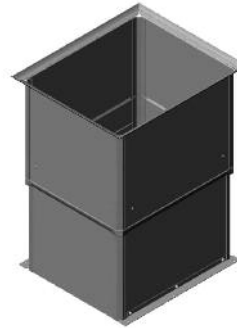
- Order the individual components separately to match your application requirements. (Vertical Exhaust Duct, Airflow Director and a Rear Door Sealing Kit)
- TeraFrame cabinets 41.3"D (1050 mm) to 47.2"D (1200 mm) equipped with a Server Top Panel include a field removable knockout for use in a Vertical Exhaust Duct applications.
- Vertical Exhaust Duct telescopes to match ceiling height and has gaskets along the top edge to create a seal around the opening in the drop ceiling; two height ranges are available
- Airflow Director causes hot server exhaust air to flow upward from the base of the cabinet to the top of the cabinet
- Rear Door Sealing Kit seals the space between the solid rear door and the cabinet frame so hot air does not escape, but flows upward toward the duct

Use the Vertical Exhaust Duct System components on cabinets configured with a perforated front door, solid side panels and a solid rear door that also include an Air Dam Kit and have Snap-In Filler Panels in all open RMU spaces.

For assistance in configuring your F-Series TeraFrame Cabinet, contact Technical Support at 800-834-4969 or visit CPI's Product Configurator at www.chatsworth.com/configurator.

Cabinet RMU	Ceiling Height with Vertical Exhaust Duct Installed							
	20" - 34" (508 mm - 863 mm) Vertical Exhaust Duct				34" - 60" (863 mm - 1523 mm) Vertical Exhaust Duct			
	Min.		Max.		Min.		Max.	
	in	mm	in	mm	in	mm	in	mm
42	98.3	2497	112.3	2852	112.3	2852	138.3	3512
43	100.0	2540	114.0	2895	114.0	2895	140.0	3555
44	101.8	2586	115.8	2941	115.8	2941	141.8	3601
45	103.5	2629	117.5	2984	117.5	2984	143.5	3644
46	105.3	2675	119.3	3030	119.3	3030	145.3	3690
47	107.0	2718	121.0	3073	121.0	3073	147.0	3733
48	108.8	2764	122.8	3119	122.8	3119	148.8	3779
49	110.5	2807	124.5	3162	124.5	3162	150.5	3822
50	112.3	2852	126.3	3208	126.3	3208	152.3	3867
51	114.0	2896	128.0	3251	128.0	3251	154.0	3911

Note: Add 1" (25 mm) for leveling feet. Add 3" (75 mm) for casters.



Part Number			Description Height - in (mm)	Shipping Weight lb (kg)
600 mm	700 mm	800 mm		
34370-X00	34370-X00	34370-X02	Vertical Exhaust Duct, 20-34 (508 - 863)	32 (14.5)
34370-X01	34370-X00	34370-X03	Vertical Exhaust Duct, 34-60 (863 - 1523)	52 (23.6)

X=Color: C=Black, D=Signature Blue, E=Glacier White, F=Steel Gray

Note: Use the F-Series TeraFrame Cabinet frames that are 41.3"D (1050 mm) deep or deeper and have a server top panel with a knockout for the Vertical Exhaust Duct. Shipping weights are for 800 mm ducts.



Part Number			Description	Shipping Weight lb (kg)
600 mm	700 mm	800 mm		
34570-C00	34570-C00	34570-C00	Airflow Director	7 (3.2)

Part Number			Description	Shipping Weight lb (kg)
600 mm	700 mm	800 mm		
34573-000	34573-000	34573-C01	Rear Door Sealing Kit	2 (0.9)

Dimensions and Usable Area			
Cabinet Width	Exterior Width	Exterior Depth	Internal Area
23.6" (600 mm)	20.0 (509 mm)	23.9 (609 mm)	435.8 in ²
27.6" (700 mm)	23.9 (609 mm)	20.0 (509 mm)	435.8 in ²
31.5" (800 mm)	23.9 (609 mm)	20.0 (509 mm)	435.8 in ²

Note: Dimensions do not include the rubber seal at the top of the duct. The duct is turned 90° when installed on the 27.6"W (700 mm) and 31.5"W (800 mm) cabinets.

800-834-4969 in U.S. & Canada • www.chatsworth.com



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