

CABINET AIRFLOW BAFFLES – AIR DIVERTER KIT for CPI Cabinet Systems

KEY FEATURES

- Directs cool air entering the bottom of the cabinet to the space between the front door and equipment.
- Creates a barrier between the front and rear of the cabinet helping to prevent the mixing of cool and heated air within cabinets.

APPLICATIONS

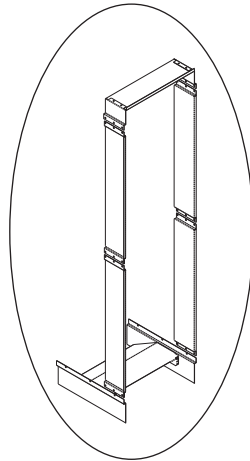
- Use in cabinets that support rack-mount computer and data storage equipment. Combine with Solid Front and Perforated Rear Doors to enhance cooling of equipment when used over a raised floor plenum that vents into the base of the cabinet.

USE WITH

- M-Series MegaFrame® Cabinet System
- C-Series SlimFrame™ Cabinet System
- T-Series SteelFrame Cabinet System
- Vented Front Door and Perforated Rear Door

RELATED ACCESSORIES

- Intelligent Fan Door
- Delphi ECS Enclosure Blower
- Filler Panels



Air Diverter Kit



Rack-mount computer and data storage equipment produces heat and needs to be continuously cooled to function efficiently.

Most equipment uses internal fans that draw air front-to-rear through the equipment chassis. The air acts as a heat sponge absorbing heat from critical components within the equipment chassis and transferring it outside of the equipment. Air temperatures can increase 15°F or more during this process.

Use Air Diverter Kit in cabinets that receive cool air from below a raised floor. Air Diverter creates a barrier between the cabinet door and the front of equipment along the top and sides of the cabinet. At the base, a tray diverts cool air from the plenum below the raised floor to the space between the door and front of equipment.

Air Diverter also helps to prevent the mixing of heated air from the rear of the cabinet with cool air at the front of the cabinet. Use Air Diverter in combination with a Vented Front Door and Perforated Rear Door for maximum effect.

Air Diverter is a complete kit for use with CPI Cabinet Systems. Air Diverter is 5" deep (the bottom tray is 2 RMU high and 15" deep) and matches the style, height and width of the cabinet. It should be installed before the cabinet is populated with equipment or placed in a multiple cabinet bay. Air Dam will not work with Double Doors on the front of the cabinet, the Retractable Stabilizer Kit or with a MegaFrame that has a top-mounted fan kit. Enhance cooling with the Delphi ECS Enclosure Blower (by replacing the bottom tray) and/or the Intelligent Fan Door.

See reverse for product selection. Contact CPI Technical Support (800-834-4969) for configuration assistance.



SPECIFICATIONS

- Fits:
 - M-Series MegaFrame® Cabinet System
 - C-Series SlimFrame™ Cabinet System
 - T-Series SteelFrame Cabinet System
- Match to style, width and height of cabinet
- Kit Includes:
 - (1) Top baffle
 - (2) Side baffles
 - (2) Bottom baffles
 - (1) Bottom tray, 2 RMU
 - Installation hardware
- 5" deep baffles
- Tray is 19" or 23" rack-mount, 2 RMU x 15" deep
- Material:
 - Aluminum sheet
- Finish:
 - Gray, Computer White or Black

ORDERING INFORMATION

Air Diverter Kit		
Part Number	Description	Shipping Weight
For M-Series MegaFrame Cabinet System		
13337-X10	19"W x 7'H	14 lb
13337-X11	19"W x 6'6"H	13 lb
13337-X12	19"W x 6'H	13 lb
13337-X15	19" W x 4'H	11 lb
13337-X20	23"W x 7'H	14 lb
13337-X21	23"W x 6'6"H	14 lb
13337-X22	23"W x 6'H	13 lb
13337-X25	23"W x 4'H	12 lb
For C-Series SlimFrame Cabinet System		
13337-X10	19"W x 7'H	14 lb
13337-X11	19"W x 6'6"H	13 lb
13337-X12	19"W x 6'H	13 lb
For T-Series SteelFrame Cabinet System		
13339-X10	19"Wx 7'H	14 lb
13339-X11	19"W x 6'6"H	13 lb

Note: X=color; 1=Gray, 2=White, 7=Black

