

# Product Cut Sheet

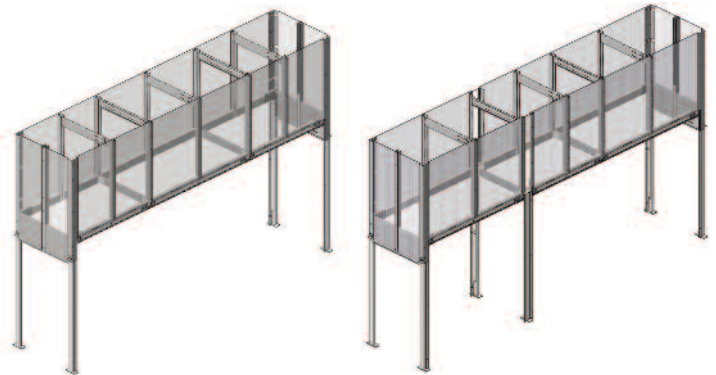
## AISLE CONTAINMENT FRAME SUPPORTED EXHAUST DUCT

Frame Supported Exhaust Duct is one of several components that are combined to form an Aisle Containment Exhaust Duct over two adjacent rows of CPI Cabinets. The duct is part of a complete Frame Supported Hot Aisle Containment (HAC) Solution that captures and vents hot air from an enclosed aisle.

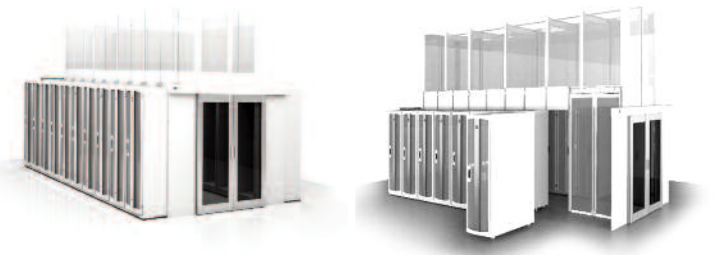
- Compatible with any mix of cabinets; any width up to 52U high
- Frame-supported duct allows you to add, remove or omit cabinets as required
- Captures and vents air from an aisle between adjacent rows of cabinets
- Use as part of a closed return or closed delivery for the air handling system
- Includes overhead duct and frame to support duct; order doors and filler panels separately
- Open span up to 20' (6m) between posts for cabinets
- Posts and beams are steel with built-in 2" (50 mm) vertical adjustment to level beams
- Lateral supports adjust 16" (400 mm) in width to match aisle width
- Duct panels are 60"H (1524 mm) translucent polycarbonate, allow light to enter the contained aisle and can be easily trimmed to match ceiling height
- Steel panels and supports are painted glacier white or black
- Sold as a single part number, select to match aisle width and the length of cabinet rows
- Adjustable filler panels are available as accessories to seal the space above cabinets shorter than 52U
- Full height blanking panels are also available as accessories to seal spaces where cabinets are omitted

### Other Components

- Aisle Containment Exhaust Duct Edge Seal (See 32836\_CUT) required along the top of the Frame Supported Exhaust Duct to seal the gap between the duct and the drop ceiling tiles
- Aisle Containment Double Doors (See 32770\_CUT) – required at each end of the Frame Supported Exhaust Duct to seal the ends of the contained aisle
- Adjustable Height Filler Panel (See 32728\_CUT) – required above each cabinet to fill the gap between the top of the cabinet and the 52U high Frame Supported Exhaust Duct
- Universal Cabinet End Panel (See 32720\_CUT) – optional panel used to fill the gap between the top of other equipment and the 52U high Frame Supported Exhaust Duct
- Full Height Blanking Panel (See 32995\_CUT) – optional panel used to fill gaps if a cabinet is omitted within a row or at the end of a row of cabinets that is not as long as the duct



Frame Supported Exhaust Duct includes posts, beams and duct. The beam can span up to 20' (6 m) with four corner posts (shown left). A third set of posts are included when the span is over 20'L (6 m).



The image on the left shows a complete Frame Supported Hot Aisle Containment (HAC) Solution with the Frame Supported Exhaust Duct, Aisle Containment Double Doors and Adjustable Filler Panels installed. The image on the right shows how cabinets can be removed and omitted using optional Full Height Blanking Panels.

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CHATSWORTH PRODUCTS, INC.

# Product Cut Sheet

## AISLE CONTAINMENT FRAME SUPPORTED EXHAUST DUCT

Part Number & Finish		Description	Shipping Weight lb (kg)
Black	Glacier White		
<b>For 48" (1200 mm) to 64.5" (1650 mm) Wide Aisles</b>			
32990-701	32990-E01	12'L (3.6 m) Span/Cabinet Row	278 (126.1)
32990-702	32990-E02	14'L (4.2 m) Span/Cabinet Row	278 (126.1)
32990-703	32990-E03	16'L (4.8 m) Span/Cabinet Row	278 (126.1)
32990-704	32990-E04	18'L (5.4 m) Span/Cabinet Row	278 (126.1)
32990-705	32990-E05	20'L (6.0 m) Span/Cabinet Row	278 (126.1)
32990-706	32990-E06	22'L (6.6 m) Span/8'L (2.4 m) + 14'L (4.2 m) Cabinet Rows	336 (152.4)
32990-707	32990-E07	24'L (7.2 m) Span/8'L (2.4 m) + 16'L (4.8 m) Cabinet Rows	336 (152.4)
32990-708	32990-E08	26'L (7.8 m) Span/12'L (3.6 m) + 14'L (4.2 m) Cabinet Rows	336 (152.4)
32990-709	32990-E09	28'L (8.4 m) Span/14'L (4.2 m) + 14'L (4.2 m) Cabinet Rows	336 (152.4)
32990-710	32990-E10	30'L (9.0 m) Span/16'L (4.8 m) + 14'L (4.2 m) Cabinet Rows	336 (152.4)
32990-711	32990-E11	32'L (9.6 m) Span/16'L (4.8 m) + 16'L (4.8 m) Cabinet Rows	336 (152.4)
32990-712	32990-E12	34'L (10.2 m) Span/14'L (4.2 m) + 20'L (6.0 m) Cabinet Rows	336 (152.4)
32990-713	32990-E13	36'L (10.8 m) Span/18'L (5.4 m) + 18'L (5.4 m) Cabinet Rows	336 (152.4)
32990-714	32990-E14	38'L (11.4 m) Span/18'L (5.4 m) + 20'L (6.0 m) Cabinet Rows	336 (152.4)
32990-715	32990-E15	40'L (12.0 m) Span/20'L (6.0 m) + 20'L (6.0 m) Cabinet Rows	336 (152.4)
<b>For 64.5" (1650 mm) to 81" (2050 mm) Wide Aisles</b>			
32990-716	32990-E16	12'L (3.6 m) Span/Cabinet Row	278 (126.1)
32990-717	32990-E17	14'L (4.2 m) Span/Cabinet Row	278 (126.1)
32990-718	32990-E18	16'L (4.8 m) Span/Cabinet Row	278 (126.1)
32990-719	32990-E19	18'L (5.4 m) Span/Cabinet Row	278 (126.1)
32990-720	32990-E20	20'L (6.0 m) Span/Cabinet Row	278 (126.1)
32990-721	32990-E21	22'L (6.6 m) Span/8'L (2.4 m) + 14'L (4.2 m) Cabinet Rows	336 (152.4)
32990-722	32990-E22	24'L (7.2 m) Span/8'L (2.4 m) + 16'L (4.8 m) Cabinet Rows	336 (152.4)
32990-723	32990-E23	26'L (7.8 m) Span/12'L (3.6 m) + 14'L (4.2 m) Cabinet Rows	336 (152.4)
32990-724	32990-E24	28'L (8.4 m) Span/14'L (4.2 m) + 14'L (4.2 m) Cabinet Rows	336 (152.4)
32990-725	32990-E25	30'L (9.0 m) Span/16'L (4.8 m) + 14'L (4.2 m) Cabinet Rows	336 (152.4)
32990-726	32990-E26	32'L (9.6 m) Span/16'L (4.8 m) + 16'L (4.8 m) Cabinet Rows	336 (152.4)
32990-727	32990-E27	34'L (10.2 m) Span/14'L (4.2 m) + 20'L (6.0 m) Cabinet Rows	336 (152.4)
32990-728	32990-E28	36'L (10.8 m) Span/18'L (5.4 m) + 18'L (5.4 m) Cabinet Rows	336 (152.4)
32990-729	32990-E29	38'L (11.4 m) Span/18'L (5.4 m) + 20'L (6.0 m) Cabinet Rows	336 (152.4)
32990-730	32990-E30	40'L (12.0 m) Span/20'L (6.0 m) + 20'L (6.0 m) Cabinet Rows	336 (152.4)

*Note: Frames with spans over 20'L (6.0 m) require a third set of support posts located near the middle of the span. The posts divide the cabinet row into two shorter length sections as listed. Overall length for frames under 20'L (6.0 m) is approximately 12" (300 mm) longer than the span/cabinet row. Overall length for frames over 20'L (6.0 m) is approximately 20" (380 mm) longer than the combined span/cabinet row. Overall width of all frames is approximately 12" (300 mm) wider than aisle width.*

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