

Product Cut Sheet

BUILD TO SPEC KIT FOR HOT AISLE CONTAINMENT

The Build To Spec Kit is a highly adaptable, easy-to-order, field-fabricated duct used in combination with CPI's Aisle Containment Doors and Full Height Cabinet Blanking Panels to create a complete Hot Aisle Containment (HAC) Solution that captures and vents hot air from an enclosed aisle.

- Creates a duct over the contained aisle
- Compatible with a mix of cabinets
- Use as part of a closed return or closed delivery air handling system
- Accommodates site differences and existing conditions
- Allows you to add, remove or omit cabinets as required
- Easy ordering based on overall dimensions
- Includes extrusion, brackets and panels required to build the duct; order doors, full height blanking panels and additional materials for drop panels over cabinets separately
- Field fabricated to match site requirements
- Assemble and install with common tools
- Duct can be supported from the ceiling or from the tops of cabinets
- Translucent duct panels allow light to enter the contained aisle
- Aluminum extrusion and steel brackets are painted glacier white or black
- Sold as a single part number, select to match height, width and length of duct
- Use with Aisle Containment Doors, ordered separately, to seal the ends of the aisle
- Use with Full Height Blanking Panels, ordered separately, to seal spaces where cabinets are omitted
- Use with Universal Bulb Seal, ordered separately, to create drop panels over shorter cabinets

Other Components:

- Aisle Containment Double Doors (See 32770_CUT) or Aisle Containment Single Doors (See 32780_CUT) – required at each end of the Build To Spec duct to seal the ends of the contained aisle
- Full Height Blanking Panels (See 33002_CUT) – optional panel used to fill gaps if a cabinet is omitted within a row of cabinets
- Universal Bulb Seal (See 33003_CUT) – optional seal used with spare panel from the BTS kit to create drop panels over shorter cabinets
- Service Parts (See 33000_SERVICE_PARTS_CUT) – order additional extrusion, panels, if required



Build To Spec Kit (shown assembled over cabinets) is field-fabricated. Each kit includes the following components.



Panel, 48"W (1219 mm) x 96"L (2438 mm)



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Each Build To Spec Kit includes unique lightweight structural extrusions and polycarbonate panels that you cut and assemble as required to form a duct. Components ship protected in a 45" x 112" (1143 mm x 2845 mm) high-density crate, designed for triple stacking to minimize footprint.

| Part Number & Finish | | Description | | | Shipping Weight |
|----------------------|---------------|-------------|------------|--------------|-----------------|
| | | Height | Width | Length | |
| Black | Glacier White | in. (mm) | in. (mm) | in. (mm) | lb (kg) |
| 33000-701 | 33000-E01 | 48 (1219) | 96 (2438) | 94 (2388) | 598 (271) |
| 33000-702 | 33000-E02 | 48 (1219) | 96 (2438) | 188 (4775) | 795 (361) |
| 33000-703 | 33000-E03 | 48 (1219) | 96 (2438) | 282 (7163) | 978 (444) |
| 33000-704 | 33000-E04 | 48 (1219) | 96 (2438) | 376 (9550) | 1171 (531) |
| 33000-705 | 33000-E05 | 48 (1219) | 96 (2438) | 470 (11 938) | 1472 (668) |
| 33000-706 | 33000-E06 | 48 (1219) | 96 (2438) | 564 (14 326) | 1668 (757) |
| 33000-707 | 33000-E07 | 48 (1219) | 96 (2438) | 658 (16 713) | 1849 (839) |
| 33000-708 | 33000-E08 | 48 (1219) | 96 (2438) | 752 (19 101) | 2034 (923) |
| 33000-709 | 33000-E09 | 48 (1219) | 96 (2438) | 846 (21 488) | 2165 (982) |
| 33000-710 | 33000-E10 | 48 (1219) | 96 (2438) | 940 (23 876) | 2487 (1128) |
| 33000-711 | 33000-E11 | 96 (2438) | 96 (2438) | 94 (2388) | 694 (315) |
| 33000-712 | 33000-E12 | 96 (2438) | 96 (2438) | 188 (4775) | 1058 (480) |
| 33000-713 | 33000-E13 | 96 (2438) | 96 (2438) | 282 (7163) | 1302 (590) |
| 33000-714 | 33000-E14 | 96 (2438) | 96 (2438) | 376 (9550) | 1530 (694) |
| 33000-715 | 33000-E15 | 96 (2438) | 96 (2438) | 470 (11 938) | 1899 (862) |
| 33000-716 | 33000-E16 | 96 (2438) | 96 (2438) | 564 (14 326) | 2130 (966) |
| 33000-717 | 33000-E17 | 96 (2438) | 96 (2438) | 658 (16 713) | 2371 (1075) |
| 33000-718 | 33000-E18 | 96 (2438) | 96 (2438) | 752 (19 101) | 2715 (1232) |
| 33000-719 | 33000-E19 | 96 (2438) | 96 (2438) | 846 (21 488) | 2998 (1360) |
| 33000-720 | 33000-E20 | 96 (2438) | 96 (2438) | 940 (23 876) | 3248 (1473) |
| 33000-721 | 33000-E21 | 48 (1219) | 144 (3658) | 94 (2388) | 765 (347) |
| 33000-722 | 33000-E22 | 48 (1219) | 144 (3658) | 188 (4775) | 1023 (464) |
| 33000-723 | 33000-E23 | 48 (1219) | 144 (3658) | 282 (7163) | 1293 (587) |
| 33000-724 | 33000-E24 | 48 (1219) | 144 (3658) | 376 (9550) | 1565 (710) |
| 33000-725 | 33000-E25 | 48 (1219) | 144 (3658) | 470 (11 938) | 1955 (887) |
| 33000-726 | 33000-E26 | 48 (1219) | 144 (3658) | 564 (14 326) | 2345 (1064) |
| 33000-727 | 33000-E27 | 48 (1219) | 144 (3658) | 658 (16 713) | 2605 (1181) |
| 33000-728 | 33000-E28 | 48 (1219) | 144 (3658) | 752 (19 101) | 2866 (1300) |
| 33000-729 | 33000-E29 | 48 (1219) | 144 (3658) | 846 (21 488) | 3047 (1382) |
| 33000-730 | 33000-E30 | 48 (1219) | 144 (3658) | 940 (23 876) | 3327 (1509) |
| 33000-731 | 33000-E31 | 96 (2438) | 144 (3658) | 94 (2388) | 923 (419) |
| 33000-732 | 33000-E32 | 96 (2438) | 144 (3658) | 188 (4775) | 1386 (629) |
| 33000-733 | 33000-E33 | 96 (2438) | 144 (3658) | 282 (7163) | 1730 (785) |
| 33000-734 | 33000-E34 | 96 (2438) | 144 (3658) | 376 (9550) | 2083 (945) |
| 33000-735 | 33000-E35 | 96 (2438) | 144 (3658) | 470 (11 938) | 2666 (1209) |
| 33000-736 | 33000-E36 | 96 (2438) | 144 (3658) | 564 (14 326) | 3009 (1365) |
| 33000-737 | 33000-E37 | 96 (2438) | 144 (3658) | 658 (16 713) | 3354 (1522) |
| 33000-738 | 33000-E38 | 96 (2438) | 144 (3658) | 752 (19 101) | 3801 (1724) |
| 33000-739 | 33000-E39 | 96 (2438) | 144 (3658) | 846 (21 488) | 4026 (1826) |
| 33000-740 | 33000-E40 | 96 (2438) | 144 (3658) | 940 (23 876) | 4499 (2041) |

Notes:

- The duct should be slightly larger than the contained aisle; a minimum of 10" (250 mm) wider and 3" (75 mm) longer so that it overlaps the adjacent cabinets.
- The above part numbers include all necessary materials to build a hot aisle containment exhaust duct along with the header panels over the doors at the ends of the contained aisle.
- All containment packages come standard with adequate brackets to accommodate a ceiling or cabinet supported solution. Order ceiling and cabinet installation hardware separately.
- Doors, full height cabinet blanking panels and additional materials for header/drop panels over cabinets must be ordered separately.

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