

# 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.

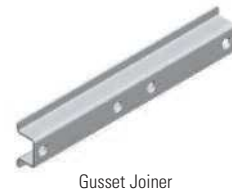
- Creates a duct over the contained aisle
- Compatible with a mix of cabinets
- Use as part of a closed return or closed delivery air handling system
- Accommodates site differences and existing conditions
- Allows you to add, remove or omit cabinets as required
- Easy ordering based on overall dimensions
- 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.



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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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