

# 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.



Extrusion, 94"L (2387 mm)



Gusset Joiner



Gusset Plate



Countersunk Assembly



Corner Cover



Ceiling Bracket



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



Panel Clamp

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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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