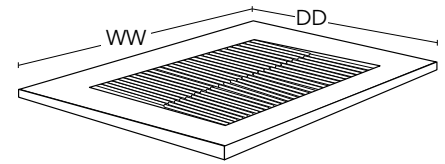


# Surface Mount Seal

CoolBalance® Brush Seal Solutions for Computer Facilities [R. 07.2013]



## Model Number Construction

CB22-DDWW where

DD= cutout depth, WW=Width

## CB22

### Description

The CB22 Surface-Mount Cable Seal consists of four corner pieces, four side rails and two, high-quality Sealeze nylon brushes. The CB22 surface mount design permits the seal to be modified in the field to accommodate a variety of hole sizes and/or assembled around already installed cables. The side rails and brush can be cut to size with simple hand tools to accommodate shorter cutouts.

For installations against a wall or other obstruction a CB22H (half or a CB22) may be the best choice. The CB22 Surface-Mount Cable Seal can be affixed to the floor using self-drilling screws (provided) or double-side tape.

Using our XtraSeal™ technology, the CoolBalance brush seal provides the most effective seal to prevent the leakage of pressurized air around power and communications cables in floor cutouts.

### Application

The CB22 surface-mount cable seal is designed for installation in data center raised floor tiles where the CB11 in-floor style is not practical due to irregular shaped cutouts (sides of unequal length or corners that are not square) or odd sizes. The CB22 series can be installed in access holes ranging from 5 by 5 in. to 10 by 24 in. For smaller cutout sizes, use CoolBalance Circular Seals CB33-04 and CB33-06. For larger holes, ask your CoolBalance Sales Representative for a CoolBalance solution. The unique design of the CB22 surface-mount cable seal enables field modification to permit seals designed for longer width holes to be used in holes with the same depth but shorter width. Edge protection would have to be supplied separately. For installations with cables in place, one end of the CB22 can be removed and the seal placed around the existing cables.

### Construction:

Multi-piece black ABS plastic frame, Sealeze high-quality nylon brush with XtraSeal technology

### Hole Sizes:

5 x 5 in. to 10 x 24 in.

### Installation:

No. 8 self drilling screws (supplied) or double-sided tape (not included)

### Tile Cutout Specifications:

Cutouts must be no less than the hole size specified for the seal model no. and no more than .125 in. larger in any dimension.

Example Model Numbers: CB22

Cut Out		Model Number
Depth (inches)	Width (5-24 in.)	
5	WW	CB22-05WW
6	WW	CB22-06WW
8	WW	CB22-08WW
10	WW	CB22-10WW

8 12 in. CB22-0812

(example part number)

# Surface Mount Holder

CoolBalance® Brush Seal Solutions for Computer Facilities

## CB22H

For cutouts against a wall or other obstruction – utilize a CB22H which consists of two corners, three sides and one brush.

Model Number Construction

CB11H-DDWW where DD= cutout depth, WW=Width

**Installation for standard size holes:**

Select the model that fits completely over the cutout hole (CB22-0309 for a 3 x 9 in. hole). Place the CoolBalance seal over the cutout hole and affix with the provided screws or double-sided tape (not provided).

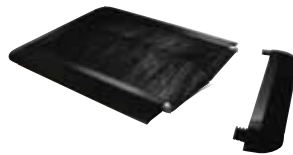
**For cutouts with shorter than standard width but with a standard depth:**

Select the Model No. with a longer width closest to the cutout width. The side channels and brushes can be cut to length using a hand hack saw (side channels, only) and a bolt cutter for the brush. The brush and side pieces are easily assembled and the end pieces connected to the side channels.

**Tile Cut Out Specifications:**

The CB22 Surface-Mount Cable Seal can be installed over holes of irregular sizes.

Simply make sure the seal in its final configuration is of sufficient size to permit taping or mounting with the provided screws (the side channels and corner pieces must rest completely on the floor).



Example Model Numbers: CB11H

Cut Out		Model Number
Depth (inches)	Width (5-24 in.)	
2	WW	CB22H-02WW
3	WW	CB22H-03WW
4	WW	CB22H-04WW
5	WW	CB22H-05WW
3	10 in.	CB22H-0310

(example part number)

## XtraSeal™ Technology

Sealeze XtraSeal is a technology that provides an effective seal between two areas of different dynamic pressures. XtraSeal brush seals use a solid sheet of thin, flexible material (EPDM membrane) sandwiched between layers of filament. The filaments hold the membrane in position to provide an additional, almost impenetrable air barrier.



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