



CamContain SBTD Damper

Square Bubble-Tight Dish Isolation Dampers



Isolation dampers are designed to isolate the filter housing during filter service. Isolating the housing protects service personnel during filter changing.



Dampers may be ganged up to 5 high by 6 across.

Camfil CamContain SBTD Rectangular Isolation Dampers create a barrier between hazardous contaminants and the filter change out components typical to a containment system.

Every CamContain SBTD isolation damper:

- Is functionally an ISOLATION damper as defined by ASME AG-1 Section DA-1320.
- Is manufactured of 11-gauge and 14-gauge 304L stainless steel materials. 316L stainless steel construction is a standard option.
- Is continuously welded at all pressure barrier points.
- Includes a 20" nominal round damper dish (additional dish sizes are available). Damper sealing points incorporate high-memory closed cell silicone to create an effective seal for every filter change or decontamination procedure.
- Includes manual actuators as standard and factory installed. Optional pneumatic or electric actuators are available. Contact factory for assistance.
- Pre-drilled bolt holes in out-turned flanges for connection to additional housings or existing hardware are a standard option.
- May be mounted in series or in parallel to meet most system isolation requirements.

Typical applications include hospital infectious isolation suites, pharmaceutical facilities, research and biotechnology laboratories, nuclear processing facilities, and various manufacturing operations.

All CamContain SBTD Rectangular Isolation Dampers are qualified to Frame Leakage Class A and Seat Leakage Class 0 per Section DA, Article 5000 of ASME AG-1.

Custom designs are also available to meet any individual containment requirement.

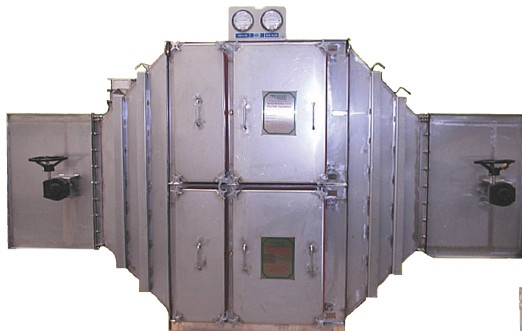


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Isolation dampers create a positive shut-off and isolate hazardous contaminants when incorporated in a CamContain filtration system. During filter change, dampers are closed to ensure the safety of filter service personnel.

The SBTD isolation damper is bubble tight at 10" w.g. (Frame Leakage Class A and Seat Leakage Class 0 per Section DA, Article 5000 of ASME AG-1.). Every damper is factory tested per this Code.

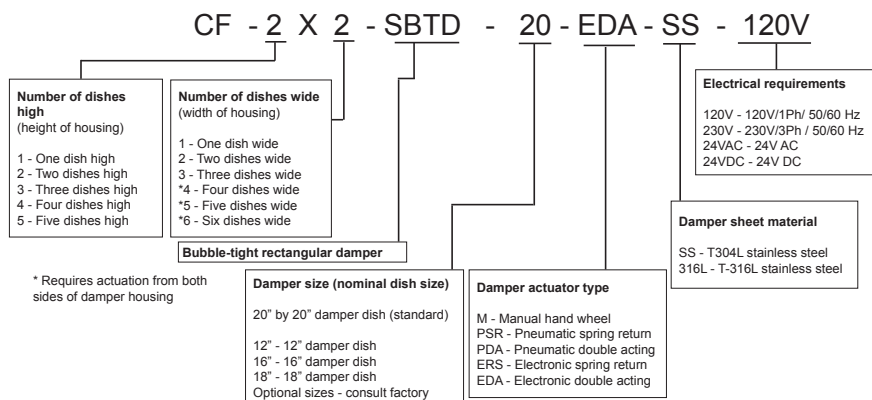


Left: Dampers are typically used to safely seal filter housing section from process or air stream.

Below: Multiple dampers in a 3 high by 3 wide configuration.



Model Number Decoder



Model Number	Damper Diameter (inches)	Actual Dimensions (inches)			Maximum Width (inches)	Weight (lbs)
		Height (A)	Width (B)	Depth (C)		
CF - 1 x 1 - SBTD - 20 - M - SS	20	30	27	20	37	94
CF - 1 x 2 - SBTD - 20 - M - SS	20	30	51	20	61	189
CF - 1 x 3 - SBTD - 20 - M - SS	20	30	75	20	85	283
CF - 2 x 1 - SBTD - 20 - M - SS	20	60	27	20	37	188
CF - 2 x 2 - SBTD - 20 - M - SS	20	60	51	20	61	378
CF - 2 x 3 - SBTD - 20 - M - SS	20	60	75	20	85	566
CF - 3 x 1 - SBTD - 20 - M - SS	20	90	27	20	37	282
CF - 3 x 2 - SBTD - 20 - M - SS	20	90	51	20	61	567
CF - 3 x 3 - SBTD - 20 - M - SS	20	90	75	20	85	849
CF - 4 x 1 - SBTD - 20 - M - SS	20	120	27	20	37	376
CF - 4 x 2 - SBTD - 20 - M - SS	20	120	51	20	61	756
CF - 4 x 3 - SBTD - 20 - M - SS	20	120	75	20	85	1132

Unit is completely factory assembled.

There are many options when considering electric or pneumatic actuators. Some include solenoid valves and switches. Contact factory for assistance.

For assistance specific to this product, please contact Camfil's Washington NC facility at Sales-WA@camfil.com or telephone at 877-658-6588.

For detailed specifications or drawing, please consult your local Camfil Distributor or Representative or download from the Containment Toolbox located in the **Segments Tab** of **CamTab File Archive** at www.camfil.us.

Camfil has a policy of uninterrupted research, development and product improvement. We reserve the right to change designs and specifications without notice.



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