



**INDUSTRIAL
PROCESSING
PLANTS**




**CLEAN
ROOMS**



CD-91R



**CD-95R
NOW
AMCA
CERTIFIED**



CD-99R



**ENERGY
FACILITIES**



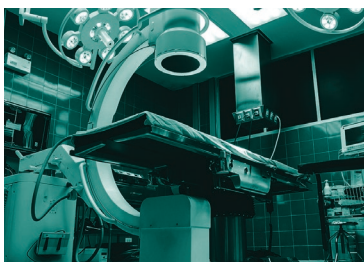
LABORATORIES

BUBBLE-TIGHT DAMPERS

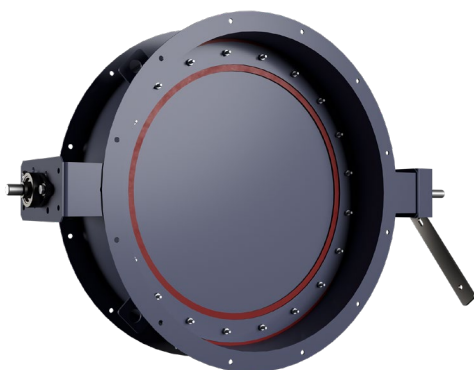
Pottorff's bubble-tight industrial control damper line is designed for isolation and decontamination applications. Each product is tested in accordance with AMCA 500-D before leaving our facility. Typical applications include industrial processing plants, laboratories, clean rooms, pharmaceutical facilities, DOE facilities, and other applications that require extremely low to zero leakage.

POTTORFF

www.pottorff.com

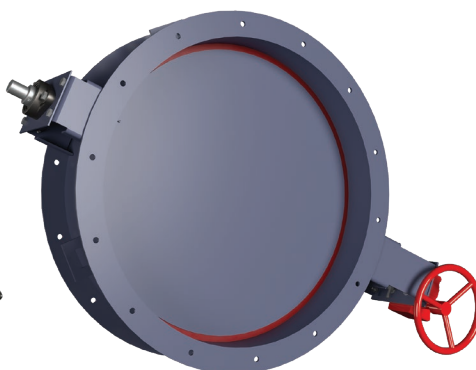


POTTORFF BUBBLE-TIGHT DAMPERS FOR WHEN ISOLATION IS ESSENTIAL



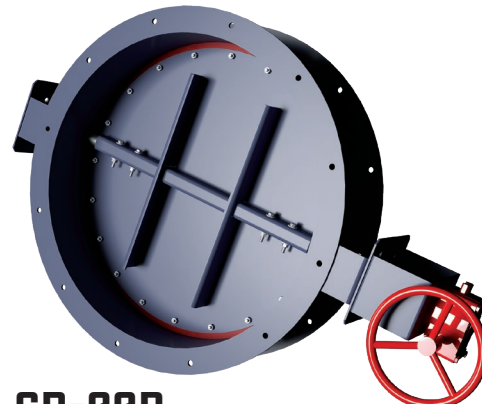
CD-91R

Engineered for critical isolation and decontamination needs. It delivers bubble-tight performance at a lower cost.



CD-95R

The workhorse of our bubble-tight line. It has the ability to handle most isolation requirements, and it is now the only steel-constructed bubble-tight damper with **AMCA Certification for Air Leakage.**



CD-99R

Our highest performing model for the heaviest workload. It is the preferred solution when system pressure and velocity requirements are at the highest.

Max System Pressure:	10 in. wg.
Max System Velocity:	4,000 FPM
Temperature Range:	-40°F – 250°F
Min Size	4" Ø
Max Size	36" Ø

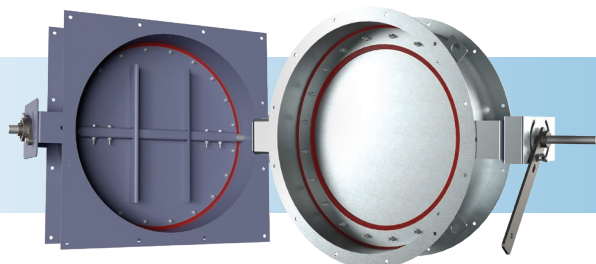
Four 1" lifting lugs provided on dampers > 16" Ø

Max System Pressure:	30 in. wg.
Max System Velocity:	6,500 FPM
Temperature Range:	-40°F – 250°F
Min Size	6" Ø
Max Size	48" Ø

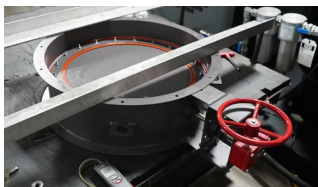
Four 1" lifting lugs provided on dampers > 16" Ø

Max System Pressure:	40 in. wg.
Max System Velocity:	6,500 FPM
Temperature Range:	-40°F – 250°F
Min Size	6" Ø
Max Size	48" Ø

Four 1" lifting lugs provided on dampers > 16" Ø



SQUARE FLANGE AND STAINLESS CONSTRUCTION ARE OPTIONAL.



THE AMCA 500-D BUBBLE-TIGHT TEST EXPLAINED

The damper is pressurized from the back side, then a glycerin soap and water solution is applied inside the damper around the seal perimeter where the blade seal comes in contact with the damper frame. The solution is also applied to the outside frame area. This testing takes place on both sides of the damper.

AMCA-500D standard allows a 1/16 in. diameter bubble to form in 1 second or a 1/4 in. diameter bubble to form in 60 seconds.

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