

BOSTON PUBLIC LIBRARY

BOSTON, MASSACHUSETTS



Photo: Aram Boghosian

Architect: William Rawn Associates, Architects, Inc.
Contractor: Consigli Construction Co.
Representative: Air Distribution Corporation

The renovation plan for renowned architect Philip Johnson's 1972 Boston Public Library was to keep with the integrity of the original architecture but also add an urban appeal. This included adding large front windows, a welcome center, children's area, lecture hall, multimedia section and café.

This project received the 2017 Library Building Award from the American Institute of Architects. It also won the 2017 Grand Prize from the Congress for New Urbanism. Pottorff supplied Fire/Smoke Dampers and Control Dampers for this exciting renovation.



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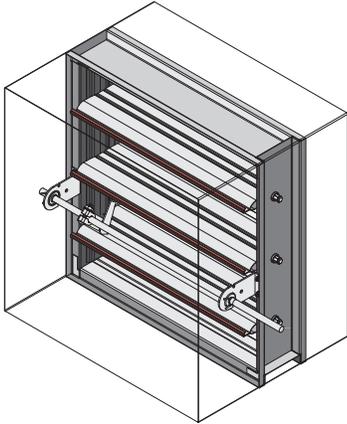
1971: Philip Johnson's original design



2017: New large windows offer visitors an open, inviting experience.

POTTORFF PRODUCTS SUPPLIED FOR THE BOSTON PUBLIC LIBRARY

UL Class 1 Airfoil Blade Fire/Smoke Damper



FSD-151

1-1/2 Hour – Class 1 – Airfoil Blade

The FSD-151 combination fire smoke damper employs airfoil blades for point-of-origin control of fire and smoke in static and dynamic smoke management systems. The FSD-151 is qualified to 4,000 ft/min and 6 in. wg. and may be installed in vertical walls or partitions, horizontally in floors or assemblies with fire resistance ratings up to 2 hours.

UL 555 Fire Resistance Rating: 1½ hour
(vertical and horizontal)

UL 555S Leakage Class: 1 (8 cfm/sq.ft. @ 4 in.wg.)

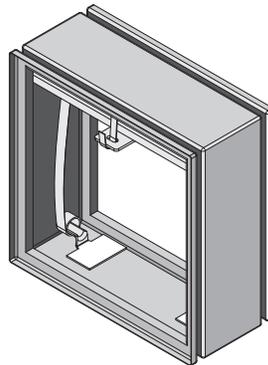
UL HNLJ.V-5: Ventilation Duct Assemblies

Maximum Dynamic Closure Velocity: 4,000 fpm

Maximum UL555S Rated Pressure: 6 in. wg.

Maximum Temperature: 350°F

Dynamic Curtain Blade Fire Damper



VFD-10D

1-1/2 Hour – Dynamic Curtain Style

The VFD-10D fire damper employs curtain style blades for point-of-origin control of fire in static and dynamic HVAC systems. The VFD-10D is qualified to 4,000 ft/min and 4 in. wg. and may be installed in vertical walls or partitions, or horizontally in floors or assemblies with fire resistance ratings up to 2 hours.

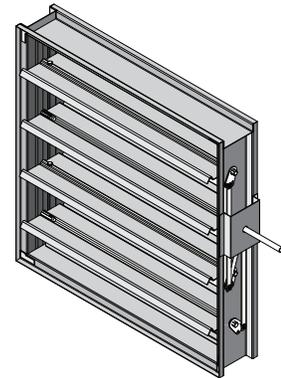
UL 555 Fire Resistance Rating: 1½ hour
(vertical and horizontal)

UL HNLJ.V-5: Ventilation Duct Assemblies

Maximum Dynamic Closure Velocity: 4,000 fpm
2,000 fpm

Maximum UL555S Rated Pressure: 4 in.wg.

Triple-V Blade Control Damper



CD-41/42

Triple-V blade control damper

CD-41 and CD-42 dampers employ triple-V blades and a rugged hat channel frame for automatic air control and manual balancing in medium pressure and velocity applications. Available in parallel or opposed blade designs.

DAMPER WIDTH	MAXIMUM SYSTEM PRESSURE	MAXIMUM SYSTEM VELOCITY
12"	5.0 in. wg.	3000 fpm
24"	4.0 in. wg.	3000 fpm
36"	3.0 in. wg.	2500 fpm
48"	2.5 in. wg.	2000 fpm



"By backing every product we ship with a 5-year warranty, we reinforce the depth of our commitment to providing customers quality products the first time and every time"

*–Pat Cockrum
President, Pottorff*