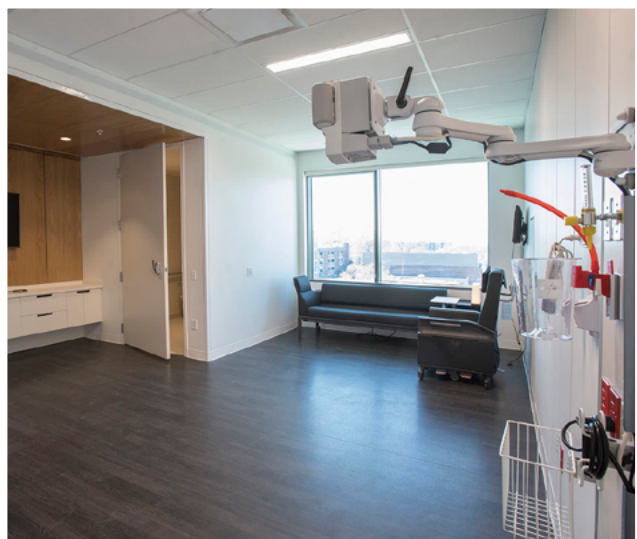


SHORB TOWER

MEMPHIS, TENNESSEE



Architects: HKS, Inc., Self & Tucker Architects
.....
Contractor: Turner Construction Company

The Methodist Hospital in Memphis, Tennessee undertook a facility upgrade that included adding a tower to care for more patients in Memphis and neighboring communities. The new 9-story Shorb Tower features 450,000 square feet that includes extra intensive care beds, more operating rooms and a transplant center. Defined by its innovative technologies and modern capabilities, Shorb Tower provided the

necessary consolidation of departments and services for easy access and increased convenience for patients and families.

Pottorff is proud to have provided the control dampers, fire dampers, smoke dampers, combination fire/smoke dampers, balancing dampers and drainable blade louvers for this project.



POTTORFF®

pottorff.com

POTTORFF PRODUCTS USED IN THE SHORB TOWER

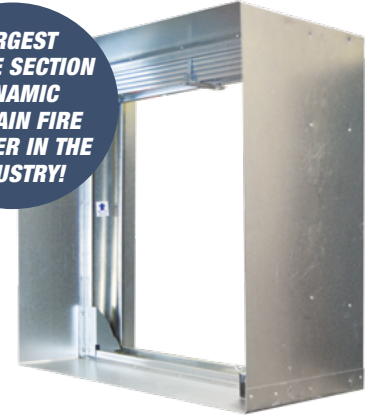


FSD-141



SD-152

**LARGEST
SINGLE SECTION
DYNAMIC
CURTAIN FIRE
DAMPER IN THE
INDUSTRY!**



VFD-10D

COMBINATION FIRE/SMOKE DAMPERS

The FSD-141 combination fire/smoke damper employs triple-V blades for point-of-origin control of fire and smoke in static and dynamic smoke management systems. It is qualified to 2,000 ft/min (10.2 m/s) and 4 in.wg. (1.0 kPa) and may be installed in vertical walls or partitions, or horizontally in floors or assemblies with fire resistance ratings up to 2 hours.

SMOKE DAMPERS

The SD-152 smoke damper employs airfoil blades for point-of-origin control of smoke in static and dynamic smoke management systems. It is qualified to 4,000 ft/min (20.3 m/s) and 8 in.wg. (2.0 kPa) and may be installed in, or adjacent to vertical walls or partitions, or horizontally in, or adjacent to floors or assemblies.

FIRE DAMPERS

The VFD-10D is the industry's largest single section dynamic curtain fire damper at 36"×48". It employs curtain style blades for point-of-origin control of fire in static and dynamic HVAC systems. With a qualification to 4,000 ft/min and 4 in.wg., the VFD-10D may be installed in vertical walls or partitions, or horizontally in floors or assemblies and has a fire resistance rating up to 2 hours.



**CLASS 1A
& CLASS 1
LEAKAGE
CERTIFIED**

CD-41/CD-42

CD-45/CD-46



RCS-10

CD-10R

**BEST IN CLASS
60.7%
FREE AREA**



EFD-635

COMMERCIAL CONTROL DAMPERS

Pottorff control dampers feature automatic air control and manual balancing for low to high pressure and velocity applications. The CD-45 and CD-46 are AMCA Certified for Air Leakage and Air Performance. They are certified to Class 1A and Class 1 up to 6 inches of static pressure which puts them in compliance with current increased environmental regulations.

- 3V, Airfoil or Round Blade Models Available
- Rugged Channel Frames
- Ultra-Low Leakage Option Available

BALANCING DAMPERS

Pottorff offers both manual and remote powered balancing dampers. Remote dampers allow on-the-fly adjustments of HVAC mechanical systems for manual air control and balancing in low pressure and velocity applications.

- Maintenance Free, Easy to Install
- RCS-10 and RCS-10R employs integrated screw-drive assembly for remote cable operated air control and balancing

DRAINABLE LOUVERS

Our 6" deep, 35 degree drainable blade louver is designed to prevent water penetration in non-wind-driven rain applications by collecting water in frame and blade gutters and channeling it into downspouts and away from airflow paths.

- High Free Area: 60.7%
- Free Area Velocity: 1250 fpm
- AMCA Certified for Water Penetration and Air Performance



POTTORFF®

pottorff.com