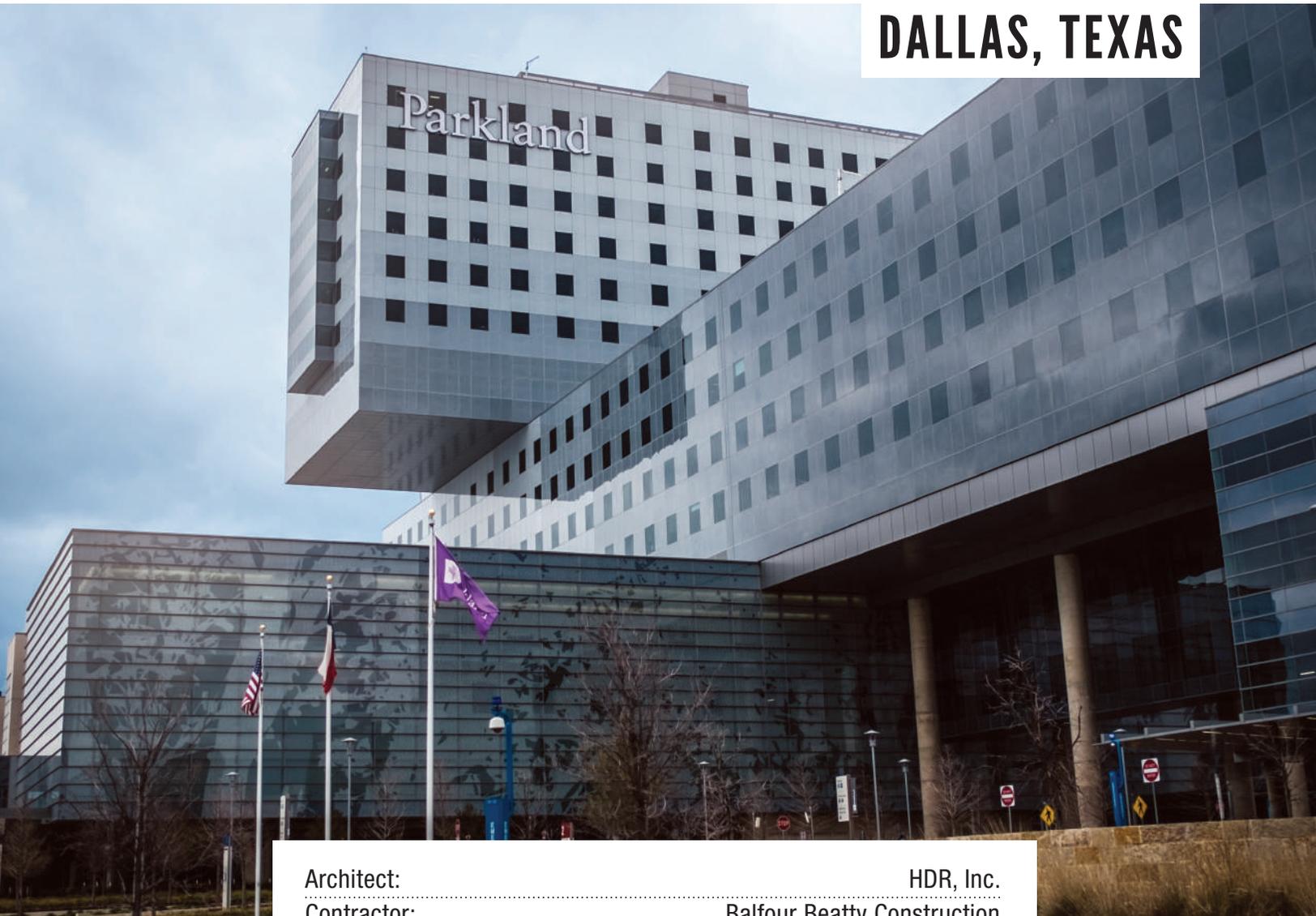


# NEW PARKLAND HOSPITAL

## DALLAS, TEXAS



Architect: HDR, Inc.  
Contractor: Balfour Beatty Construction  
Rep: Texas AirSystems

The new 2.8 million square foot Parkland campus is nearly twice the size of the older hospital and has been designed to meet the healthcare needs of Dallas County, one of the fastest growing regions in the country. The new hospital features 862 single patient rooms and incorporates natural lighting, a wellness garden and utility plant. This project was awarded LEED gold certification by the United States Green Building Council. Pottorff supplied Combination Fire/Smoke Dampers, Dynamic Curtain Style Blade Fire Dampers and Control Dampers for this project.



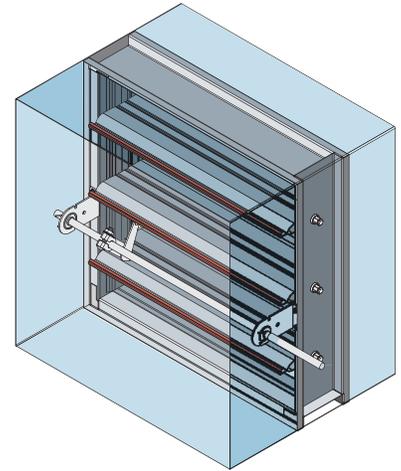
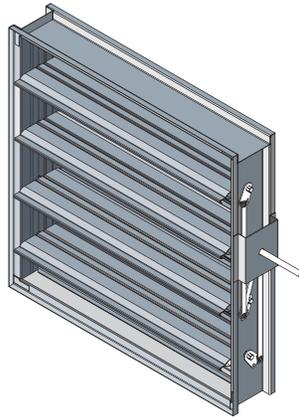
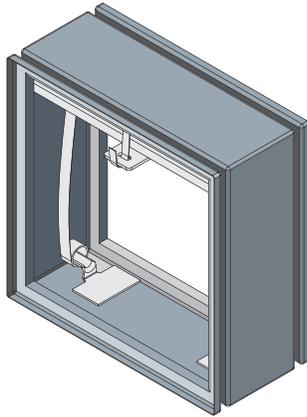
# POTTORFF®

For more info, visit [www.pottorff.com](http://www.pottorff.com)



The utility plant at the new Parkland Hospital must provide resources for up to one million patients per year.

Quality products and excellent customer service are what differentiate Pottorff from the competition. Founded in 1928, we are one of the most respected HVAC suppliers in the industry. Our skilled engineers, in-house testing and UL certifications ensure that our line of fire/smoke dampers, fire dampers and smoke dampers meet and exceed industry and customer expectations.



**VFD-10D** 1½ hour – dynamic curtain style fire damper

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-A 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.

**CD-45 and CD-46** – control dampers

The CD-45 (parallel blade) and CD-46 (opposed blade) control dampers employ airfoil blades and a rugged hat channel frame to provide extremely low leakage and exceptional air control in medium to high pressure and velocity applications.

DAMPER WIDTH	MAXIMUM SYSTEM PRESSURE	MAXIMUM SYSTEM VELOCITY
12"	9.0 in. wg	4,000 fpm
24"	8.0 in. wg	4,000 fpm
36"	6.0 in. wg	3,500 fpm
48"	4.5 in. wg	3,000 fpm

**Leakage:** 8.0 cfm/ft<sup>2</sup> @ 4 in. wg  
4.0 cfm/ft<sup>2</sup> @ 1 in. wg  
**Temperature:** -25°F to 180°F

**FSD-141 and FSD-151** 1½ hour – Class 1 combination fire smoke damper

The FSD-141 employs triple-V blades and is qualified to 2,000 ft/min and 4 in. wg. The FSD-151 employs airfoil blades and is qualified to 4,000 ft/min and 6 in. wg. Both 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 555S Leakage Class:** 1 [8 cfm/sq.ft. @ 4 in.wg.]  
**UL HNLJ.V-5:** Ventilation Duct Assemblies

**Maximum Dynamic Closure Velocity:**

FSD-141 – 2,000 fpm  
\*FSD-151 – 4,000 fpm

**Maximum UL555S Rated Pressure:**

FSD-141 – 4 in.wg.  
FSD-151 – 6 in.wg.

**Maximum Temperature:**

\*350°F

\*size restrictions apply

\*size restrictions apply



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