

APCO CVS-6000 SWING CHECK VALVES PROTECT AIRPORT FROM FLOODING

DeZURIK's APCO Swing Check Valves prevent the backflow of stormwater by closing before flow reversal, preventing slam and water hammer. The designs meet or exceed the current revision of AWWA standard C508. The APCO ASV Air/Vacuum Valves allow large volumes of air to be exhausted from or admitted into a pipeline as it is being filled or drained.

Four of the 60-inch APCO brand CVS-6000 swing check valves and ASV Air/Vacuum Valves are installed at the Louis Armstrong New Orleans Airport Pump Station. This pump station directs stormwater away from the airport to protect against flooding damage during tropical storms. The valves are part of the extensive post-Katrina infrastructure modifications that are critical to the protection of the City of New Orleans and its transportation system. At the time,

these were the largest swing check valves made by DeZURIK since the APCO acquisition. Also shown in the photo are four fabricated 12" ASV Sewage Air/Vacuum Valves. Valves on this project met the requirements of the American Iron & Steel Act.

APCO CVS-6000 Swing Check Valves are a heavily constructed, full waterway flow area, premium design with multiple features. They can be used on clean or dirty media, and are designed to handle high flow rates, pressures and withstand shock. They are available in sizes 2-66" (50-1700mm), can be rated up to 640 psi CWP (4410 kPa) and are available with ANSI Class 125/150 or Class 250/300 flanges. Constructed with a heavy ductile iron body. Closure control devices include Air Cushioned Cylinder, Oil Controlled Cylinder, Bottom Mounted Buffer, Lever & Spring and Lever & Weight.



Four 60" APCO CVS Swing Check Valves and ASV Air Vacuum valves are part of a pump station that directs stormwater away from the Louis Armstrong New Orleans Airport to protect against flooding damage during tropical storms.

DeZURIK has extensive experience manufacturing large valves for water distribution, water treatment, wastewater collection and wastewater treatment. For more information, contact DeZURIK or your local DeZURIK representative.



This 60" APCO Swing Check Valve is one of four that prevent the backflow of stormwater at the Louis Armstrong New Orleans Airport.

SALES AND SERVICE

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DeZURIK, Inc. reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing by DeZURIK, Inc. Certified drawings are available upon request.