



New AMD Air Operated Valves for Chemical Liquids Support the Widest Range of Specifications on the Market

The new AMD air operated valve for chemical liquids creates a standard all-in-one model for a wide range of specifications. The AMD valves feature an extensive range of working pressure, provides standard support for multiple chemical liquids and offers a broader range of working fluid temperatures.

"Our customers are always looking for standard parts that do more," says Reid Poole, CKD USA Director of Sales, Semiconductor Business Unit. "It helps them to keep down their development, integration and sourcing costs down. The AMD Series valves are very versatile and can be quickly implemented into a large variety of equipment designs."



The working pressures of the AMD Series valves has been increased 25% over conventional models, and now delivers up to 0.5MPa. The AMD Series features excellent chemical-resistant fluoroelastomer so that the standard parts can handle a wide range of chemical fluid, acid or alkaline. In addition, the standard AMD series allows flow temperatures up to 120 degrees C.

"Our customers are constantly seeking maximum flexibility when implementing our products into their designs," says Mr. Poole. "The AMD Series undergo rigorous testing to ensure the specification we provide to the engineers truly reflect the product performance. When combined with our track record for quality, the AMD Series meets a comprehensive set of requirements for our customers."

The standard AMD Series valves have three actuator options:

1. With indicator - a valve open/close is included as standard
2. With regulator - the flow is adjustable to the desired intensity
3. With sensor - checks the open/close status of the valve

The valves supports various fittings including Nippon Super 300 Type P and Flowell F-Lock 60 series and can be customized for other controls.

The AMD Series comes in six size variations and supports three mounting methods: flange, 4-point flange or bottom mounting. The valves can be configured as a 3-port valve, or as a compact manifold (mixed manifolds are also supported).

To learn more about the AMD Series Air-Operated Valves for Chemical Liquid, [Download the full Specs Sheet](#) >