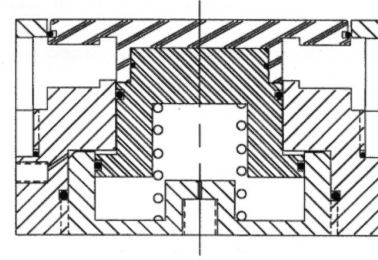


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# MDV Series

## Dump Valve

<b>Material:</b>	PVC, PP, PVDF
<b>Size:</b>	5" - 6"
<b>Operating Pressure:</b>	Up to 25" Water
<b>Seals:</b>	EPDM, VITON, KALREZ
<b>Dynamic Seals:</b>	Teflon Encapsulated VITON



**ISO 9002 CERTIFIED**

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## Engineering Guide Specification

### Materials of Construction:

<b>PVC:</b>	Class 12454B per ASTM D1784
<b>PP:</b>	Class PP 110B76383 per ASTM D4101
<b>PVDF:</b>	Type 1 per ASTM D3222

**Guide Specification:** The SIMTECH MDV series modular wet bench dump valve features a compact design that is made to be cemented or welded to the bottom panel of the sink. It is remotely operated with a 3-way (for type 1) or 4-way (for type 2) control valve. It is used to replace trap doors and air cylinders in rinse tanks, etch modules, etc., with no leakage or alignment problems, for less than the cost of a trap door and its required hardware and installation. Dynamic seal o-rings are Teflon encapsulated Viton for long life and trouble free operation. It is designed so that the main component can be removed from the installation for easy maintenance and repairs, as manufactured by SIMTECH.

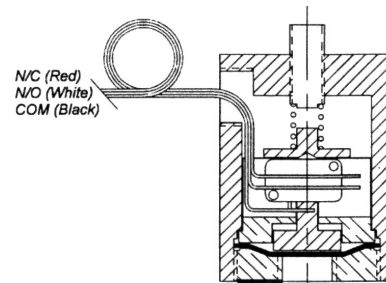
*For Complete Engineering & Dimensional Data Please Visit [www.simtechUSA.com](http://www.simtechUSA.com)*

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# APS Series

## Pressure Switch

<b>Material:</b>	PVC, PP, PVDF
<b>Pressure Rating:</b>	150 psi
<b>Electric Switch:</b>	1 HP 125VAC UL Approved 2 HP 250VAC UL Approved 25 Amps 125VAC UL Approved Type 1 Adjustable 5-40psi Type 2 Adjustable 40-100psi



**ISO 9002 CERTIFIED**

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## Engineering Guide Specification

### Materials of Construction:

<b>PVC:</b>	Class 12454B per ASTM D1784
<b>PP:</b>	Class PP 110B76383 per ASTM D4101
<b>PVDF:</b>	Type 1 per ASTM D3222

**Guide Specification:** The SIMTECH APS is an adjustable pressure switch with a multitude of uses. This switch may be used to open or close valves, start or stop pumps, sound alarms or limit pressure in tanks. The switch can be wired either normally open or normally closed for either rising pressure or falling pressure. This patented switch is designed so there is no metal contact with the fluid. A Viton diaphragm is used to isolate corrosive chemical fluids from the switching mechanism. It has a 1/2" FPT conduit inlet and 1/2" FPT mounting on the bottom center. All pressure switches are factory pre-set and are adjustable to your needs by rotating the top set screw, as manufactured by SIMTECH. (NOTE: on PVDF pressure switches, mounting base only is PVDF; upper canister is polypro.)

*For Complete Engineering & Dimensional Data Please Visit [www.simtechUSA.com](http://www.simtechUSA.com)*