

DESCRIPTION

The R-K 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 a-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.

R-K MDV SERIES BENCH DUMP VALVE



KEY FEATURES

- Modular compact design - Made to be cemented or welded directly to the bottom panel of sinks
- Remote operation - Operated with 3-way (type 1) or 4-way (type 2) control valve
- Replaces traditional systems
 - Eliminates trap doors and air cylinders in rinse tanks and etch modules
- No leakage or maintenance issues
 - Designed to prevent common problems with traditional systems
- Trap door mechanism - Complete dump valve system with required hardware and installation
- Long-life sealing - Dynamic seal o-rings are teflon encapsulated viton for extended operation

VALVE BODY MATERIALS:

- PVC Type 1, Grade 1
- Polypropylene
- PVDF

Seal Options

- EPDM,
- VITON,
- KALREZ

Dynamic Seals: Teflon encapsulated Viton



PRESSURE & TEMPERATURE RATINGS:

Operating Pressure Range:
Up to 25" of Water

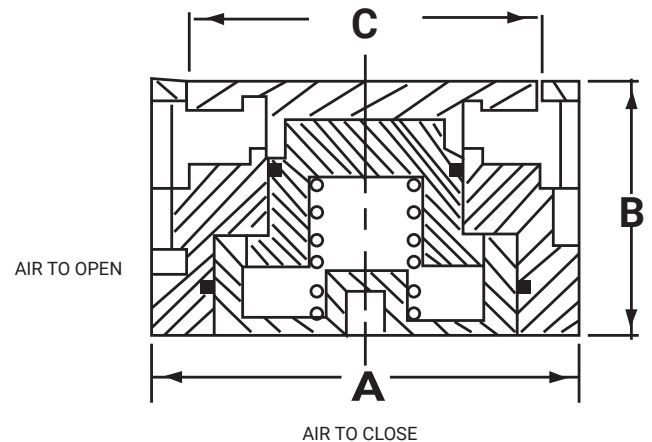
Temperature Range

- 0°F to 140°F for PVC
- 0°F to 180°F for POLYPRO
- 0°F to 260°F for PVDF
- 0°F to 340°F for TEFLON

ENGINEERING & PERFORMANCE DATA

Valve Size	A	B	C	Flow rate
MDV500	5	3	4	281 GPM
MDV600	6	5	5	445 GPM

(*) Based on 7.187" x 13.187" size tank
and 10" of liquid height



The chart below will specify R - K standard valves regarding valve size, valve material, and seal material.
For special orders, please consult the factory for pricing and delivery information.

MDV - X X X - XX

VALVE SIZE

500 = 5"
600 = 6"

MATERIAL

1 = PVC
2 = POLYPRO
3 = PVDF

SEALS

E = EPDM
V = VITON
K = KALREZ

TYPE

1= Air Open / Spring Close
2= Air Open / Air Close