

DELTA-P VALVE SAFETY



Download the Delta-P Manual at:

idealvac.com/files/manuals/Idealvac-Delta-P-Manual.pdf

WARNING

To prevent serious injury, download and read the entire Delta-P Valve manual before installation or use. Follow all safety warnings.

WARNING

Disconnect from Power Source and Lockout/Tagout BEFORE connecting equipment. Trained Personnel Only! Follow all applicable electrical codes for installation. AC Solenoids must be grounded.

DANGER

Use with clean, dry air or inert gasses only. Do not use with any process that uses explosive or pyrophoric substances. For processes that use or create corrosive or toxic gasses, the solenoid breather vent must be replaced with an exhaust line that exits to the facility exhaust. Evacuated vapors and gases could be vented into the personnel work area during a power outage. Evacuated vapors and gases could be vented into the personnel work area during a power outage.

CAUTION

Always exercise care and wear protective equipment, including safety glasses and gloves when working with vacuum equipment.

DELTA-P VALVE QUICK-START

Please study the Picture >>

Notice the Delta-P Valve flow arrow points TOWARDS the mechanical pump.

1. **DISCONNECT** the vacuum line at the mechanical pump's inlet port.
2. **CONNECT** the DPV outlet flange onto the inlet flange of the pump.
3. **CONNECT** the vacuum line to the DPV inlet.
4. **CONNECT** power to the solenoid. The solenoid and pump must be powered by the same circuit breaker. AC solenoids have 3 wires: Black (hot), White (neutral) and Green/Yellow (ground). AC solenoids must be properly grounded. DC solenoids have 2 wires: Black (hot) and white (negative).

