



Delta P & Delta P Plus Controls

Solid-state product provides pressure drop measurement, digital display, and pressure drop control with an alarm function. Designed to provide accurate and dependable control of a pulse-cleaning timer, starting and stopping the cleaning process at the limits you choose.



Delta P and Delta P Plus Controls

- Delta P Plus offers three cleaning options:
 - 1) differential pressure cleaning (DFP),
 - 2) down-time cleaning (DTC), and
 - 3) combined differential and down-time cleaning (ALL).
- Downtime cleaning option is available only on the Delta P Plus.
- Delta P and Delta P Plus are available as standard equipment on the Downflo® Oval, Downflo II, Downflo WorkStations, Dalamatic®, Modular Baghouse, and Electrical Control Panels.
- Digital 3 character display, 0.6", high visibility red.
- Solid-state electronics for reliability and long-term accuracy.
- High, Low, and Alarm setpoints programmable from front panel.
- User selected lockout feature to prevent unauthorized adjustment of setpoints.
- Form C relays rated for 10 Amps at 230 VAC.
- Accuracy $\pm 1\%$ full scale.
- Programming retained in E²PROM with no battery required.
- Choice of units, "wg or daPa (decaPascals).
- Jumper selected 115 or 230 VAC power.
- No battery backup is required.
- UL Approved (pending).

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Specifications

- Power Required:** 15 VA, 115 or 230 VAC, jumper selected
- Display:** Three digits - pressure measurement or setpoints
Units of measurement - "wg or daPa
Yellow LED - indicates cleaning relay latched
Red LED - indicates alarm relay closed
- Keypad:**
- | Delta P | Delta P Plus |
|--------------|------------------|
| ■ Low Set | ■ Menu |
| ■ High Set | ■ Set |
| ■ Alarm Set | ■ Downtime Clean |
| ■ Up Arrow | ■ Up Arrow |
| ■ Down Arrow | ■ Down Arrow |
- Pressure Range:** 0 - 10 "wg
- Relays:** Cleaning Relay - 1 NC, 1 NO, Form C, 10 Amps @ 230 VAC
Latches at High setpoint, unlatches at Low setpoint
Auxiliary Relay - 1 NC, 1 NO, Form C, 10 Amps @ 230 VAC
Mode 1: Latches at Alarm setpoint after 10 second delay, unlatches at High setpoint
Mode 2: Duplicates Cleaning Relay, no alarm function other than LED indication on front panel
- External Inputs:** Remote contact closure to lock setpoints
Remote contact closure for alarm reset/defeat
- Mounting:** Type (NEMA/UL) 4 panel mount, up to 12 gauge panel thickness (UL approval pending)
- Environmental:** Operating Temperature: 32 - 122°F (0 - 50°C)
Humidity: 0 - 85%, noncondensing
Altitude: 6,560 ft. (< 2000 meters)

Other Uses

- Control alarm circuits
- Flow control or other dampers
- Pressure drop measurement
- Monitor HEPA or safety filters
- Control service indicator
- Replace Photohelic®* gauge

* Photohelic is a registered trademark of Dwyer Instruments, Inc.



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