DWYER OFFERS YOU:

• Quality products at an economical price.
• Vendor consolidation to lower your purchasing costs.

Product consolidation lowering your total system cost. Front timer boards with built-in pressure modules is being able to mount and wire pilot valves and timer board together into one package, ask us how we can help you with your system.

SPRINGLESS DIAPHRAGM PULSE VALVES, SERIES DCS/RDCS
For air pulsing filters
• Remote or integral coil
• NPT or coupling connection
• 3/4” to 1-1/2”

PILOT SOLENOID VALVES, SERIES RSV
For triggering pilot coil deign at valves
• Individual units or prepackaged into enclosures

DIGITAL TIMER/CONTROLLERS, SERIES DCT1000
For controlling timing of filters
• For on-demand and continuous cleaning
• Optional pressure modules to eliminate separate pressure sensors
• Up to 255 channel capability

SOLENOID VALVE ENCLOSURE WITH TIMER, SERIES SVT
For controlling timing of filters

DIFFERENTIAL PRESSURE GAGES, SERIES 2000 MAGNEHELIC® GAGE
For monitoring differential air pressure drop

PRESSURE SWITCHES/TRANSMITTERS, SERIES DH3 DIGIHELIC® CONTROLLER
One unit for both monitoring filter pressure drop and initiating on-demand cleaning

SINGLE PRESSURE TRANSMITTERS, SERIES 626 & 628
For monitoring compressed air line

LEVEL CONTROLLERS, SERIES PLS
For monitoring product build up at the bottom of the collector or receiving vessel

BULK HEAD CONNECTORS, SERIES BHC
For installation of blow tube through the filter

PARTICULATE SENSOR/TRANSMITTERS, SERIES PMS/PMT
For monitoring emissions and detecting broken filters

©Copyright 2011 Dwyer Instruments, Inc.
Printed in U.S.A.  3/11

See It All At www.dust-controls.com
**DC/SDC SPRINGLESS DIAPHRAGM PULSE VALVES**

- **Features:** Standard right angle body, with internal diaphragm between inlet and outlet. Most units offer the same dimensions as most competitive units so changes only need to be made to the inlet and outlet connections.
- **Long Opening:** The diaphragm body is 3/8" thick, thermoplastic polyurethane diaphragm.
- **Air Pulse Valve:** Capable of quick response and offers a good strong pulse with less restriction.
- **Remote:** Ensure safety, quick installation, and reduced mess for easy field repair.
- **Exception:** Models with connections to the right angle body, or a connection to the top or bottom, or sides.

**DC/SDC MODELS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Connections</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPR</td>
<td>Remote Coupling</td>
<td>NPT</td>
<td>30.00</td>
</tr>
<tr>
<td>SPRB</td>
<td>Remote Coupling</td>
<td>NPT</td>
<td>45.00</td>
</tr>
<tr>
<td>SPRS</td>
<td>Remote Coupling</td>
<td>NPT</td>
<td>45.00</td>
</tr>
<tr>
<td>SPRS</td>
<td>Remote Coupling</td>
<td>NPT</td>
<td>50.00</td>
</tr>
<tr>
<td>SPRS</td>
<td>Remote Coupling</td>
<td>NPT</td>
<td>53.00</td>
</tr>
<tr>
<td>SPRS</td>
<td>Remote Coupling</td>
<td>NPT</td>
<td>45.00</td>
</tr>
<tr>
<td>SPRS</td>
<td>Remote Coupling</td>
<td>NPT</td>
<td>45.00</td>
</tr>
</tbody>
</table>

**SPRINGLESS DIAPHRAGM PULSE VALVES**

- **Application:** Use with dust collector valves to control the flow of air to the blow tubes. These units can be used with any number of blow tubes and are available in a variety of sizes and materials.

**PILOT SOLENOID VALVES**

- **Model:** RSV Pilot Solenoid Valve
- **Features:**
  - Remote activation of RDCV and competitor units that do not have integral coil.
  - Incorporates a threaded outlet for connection of muffler or remote control.
- **Enclosure:** Features a DIN connector that meets NEMA 4X for outdoor installations, can mount from top, bottom, or sides.

**BULK HEAD CONNECTORS**

- **Model:** BHC Bulk Head Connectors
- **Features:**
  - Enable fast removal and reassembly of blow tubes for cleaning or maintenance.
  - Single connection models for tubes in remote control, double connection models for two-piece tube mounting.

**SPECIFICATIONS**

- **Body:** Aluminum
- **Enclosure Material:** Polycarbonate, TPE rubber
- **Enclosure Rating:** NEMA 4X (IP65)
- **Electrical Connection:** DIN connection for DCS models
- **Agency Approvals:** UL, c-UL, CSA, C-tick, CE, BHC
- **Process Connection:** 1/4” OD push to connect
- **Operating Temperature:** -14 to 140°F (-10 to 60°C)
- **Temperature Limit:** 350°F (177°C)
- **Pressure Limit:** Minimum of 3 psi (0.2 bar), maximum of 17 psi (1.1 bar)
- **Wetted Materials:** Compatible gases, filtered and oil free

**BHC MODELS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Number of Channels</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHC10</td>
<td>Master Controller</td>
<td>10</td>
<td>145.00</td>
</tr>
<tr>
<td>BHC10</td>
<td>Master Controller</td>
<td>10</td>
<td>145.00</td>
</tr>
<tr>
<td>BHC12</td>
<td>Timer Controller</td>
<td>12</td>
<td>145.00</td>
</tr>
<tr>
<td>BHC12</td>
<td>Timer Controller</td>
<td>12</td>
<td>145.00</td>
</tr>
<tr>
<td>BHC22</td>
<td>Timer Controller</td>
<td>22</td>
<td>145.00</td>
</tr>
<tr>
<td>BHC22</td>
<td>Timer Controller</td>
<td>22</td>
<td>145.00</td>
</tr>
</tbody>
</table>

**SOLENOID VALVE ENCLOSURE WITH TIMER**

- **Model:** SVT Enclosure with Timer
- **Features:**
  - Integral reservoir, enclosure and timer in one package.
  - Universal power supply from 48 to 208 VAC.
  - Down-time cleaning, continuous cleaning or on-demand control.

**SVT MODELS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Number of Channels</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SVT-4</td>
<td>Solenoid Valve Enclosure with Timer</td>
<td>4</td>
<td>190.00</td>
</tr>
<tr>
<td>SVT-6</td>
<td>Solenoid Valve Enclosure with Timer</td>
<td>6</td>
<td>226.00</td>
</tr>
<tr>
<td>SVT-8</td>
<td>Solenoid Valve Enclosure with Timer</td>
<td>8</td>
<td>252.00</td>
</tr>
</tbody>
</table>

**TIMER BOARDS**

- **Model:** DCT100 Timer Controller
- **Features:**
  - Modular design offers a plug-in pressure module that eliminates the need for a pressure switch, timer, pressure transmitter, etc. in on-demand control.
  - Same dimensions as major competitor’s units allowing it to fit into existing collector designs and can be used for 8, 10, and 12 channel versions.

**DCT100 MODELS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Number of Channels</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCT100</td>
<td>Timer Controller</td>
<td>8</td>
<td>249.00</td>
</tr>
<tr>
<td>DCT100</td>
<td>Timer Controller</td>
<td>10</td>
<td>298.00</td>
</tr>
<tr>
<td>DCT120</td>
<td>Timer Controller</td>
<td>12</td>
<td>350.00</td>
</tr>
<tr>
<td>DCT120</td>
<td>Timer Controller</td>
<td>12</td>
<td>350.00</td>
</tr>
</tbody>
</table>

- **Model:** SVT Enclosure with Timer
  - **Features:**
    - Integral reservoir, enclosure and timer in one package.
    - Universal power supply from 48 to 208 VAC.
    - Down-time cleaning, continuous cleaning or on-demand control.

**SPECIFICATIONS**

- **Body:** Aluminum
- **Enclosure Material:** Polycarbonate, TPE rubber
- **Enclosure Rating:** NEMA 4X (IP65)
- **Electrical Connection:** DIN connection for DCS models
- **Agency Approvals:** UL, c-UL, CSA, C-tick, CE
- **Process Connection:** 1/4” OD push to connect
- **Operating Temperature:** -14 to 140°F (-10 to 60°C)
- **Temperature Limit:** 185°F (85°C)
- **Pressure Limit:** Minimum of 4.4 psi (0.3 bar), maximum of 14 psi (0.9 bar)
- **Wetted Materials:** Compatible gases, filtered and oil free

**DCT100 MODELS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Number of Channels</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCT100</td>
<td>Timer Controller</td>
<td>8</td>
<td>249.00</td>
</tr>
<tr>
<td>DCT100</td>
<td>Timer Controller</td>
<td>10</td>
<td>298.00</td>
</tr>
<tr>
<td>DCT120</td>
<td>Timer Controller</td>
<td>12</td>
<td>350.00</td>
</tr>
<tr>
<td>DCT120</td>
<td>Timer Controller</td>
<td>12</td>
<td>350.00</td>
</tr>
</tbody>
</table>
**PRODUCT OFFERINGS**

**Model**
- 110 VAC with DIN Connector
- DCS35C1D
- DCS35T1D
- RDCS35C
- RDCS25C
- RDCS25T
- DCS20C1D
- DCS20T1D
- RDCS20C
- RDCS20T

**Specifications**
- **Sizes:** 3/4˝ to 1-1/2˝
- **Voltages:** 110 VAC, 220 VAC, or 24 VDC.
- **Integral**
- **Remote**

**Connections**
- NPT

**Price**
- 89.00
- 70.00
- 77.00
- 56.00
- 68.00
- 56.00
- 40.00
- 59.00
- 45.00

**Agency Approval:** CE

---

**DCS/RDCS SPRINGLESS DIAPHRAGM PULSE VALVES**

- **Sizes:** 1-1/2˝
- **Voltages:** 110 VAC, 220 VAC, or 24 VDC.
- **Integral**
- **Remote**

**Specifications**
- **Size:** 1-1/2˝
- **Coupling:** NPT
- **Price:** 89.00

**Agency Approval:** CE

---

**BHC MODELS**

- **Model:** DCT100A
- **Channels:** 10
- **D.P. Range:** 10 in w.c.
- **Power Requirements:** 110 VAC, 220 VAC
- **Pressure Limit:** 145 psi (10 bar)
- **Temperature Limits:** 14 to 140°F (-10 to 60°C)
- **Wetted Materials:** Polyamide with carbon fiber, NEMA 4X (IP65)

**Agency Approval:** CE

---

**BOARD MODELS**

- **Model:** DCT100 Timer Controller
- **Channels:** 10
- **Power Consumption:** 10VA
- **Temperature Limits:** 14 to 140°F (-10 to 60°C)

**Agency Approval:** CE
**SPRINGLESS DIAPHRAGM PULSE VALVES**

- **Dust Collection Valves**
- **Dom/Int Pressure Switch**

**Sizes:**
- **DCS/RDCS MODELS**
  - 110 VAC with DIN Connector
  - DCS35C1D, DCS35T1D
  - RDCS35C, RDCS35T
  - DCS25C1D, DCS25T1D
  - RDCS20C, RDCS20T

**Connections:**
- 3/4˝ to 1-1/2˝.
- Remote or integrated.
- Compression coupling connections offering quick and easy installation without the need for connectors or adapters.

**Springless Diaphragm Pulse Valves**

- DCS models.
- RSV Pilot Solenoid Valve
  - For remote solenoid valve and compressor units that do not have integral coil.
  - Incorporated a diaphragm for connection of manifold accessory or connector tubing going back to collection vessel to reduce exhaust noise.
  - Features a DIN connector that meets NEMA 4X for outdoor installations, not suitable for connection from top, bottom, or sides.

**DCS/RDCS SPRINGLESS DIAPHRAGM PULSE VALVES**

- **Long Lasting Construction:** The cast aluminum body, 304 SS bolts, thermoplastic polyurethane diaphragm.
- **Good Air Pulse:** Valve is quick to respond and offers a good strong pulse with long lasting construction.
- **Ease of Installation:** Single connection models for through tube mounting and double connection models for two-piece tube mounting.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Expansion Module</th>
<th>Solenoid Valve Enclosure with Timer</th>
<th>Solenoid Valve Enclosure with Timer</th>
<th>Pressure Module</th>
<th>Channel Expander</th>
<th>Master Controller</th>
<th>Master Controller</th>
</tr>
</thead>
<tbody>
<tr>
<td>BHC35DD</td>
<td>10</td>
<td>6</td>
<td></td>
<td>10</td>
<td>22</td>
<td>10</td>
<td>22</td>
</tr>
<tr>
<td>BHC35D</td>
<td>6</td>
<td></td>
<td></td>
<td>4</td>
<td>10</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>BHC25DD</td>
<td>10</td>
<td></td>
<td></td>
<td>4</td>
<td>10</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>BHC25D</td>
<td>6</td>
<td></td>
<td></td>
<td>4</td>
<td>10</td>
<td>6</td>
<td>10</td>
</tr>
</tbody>
</table>

**BHC Bulk Head Connectors**

- Allow easy installation of blow tube through the dust collection vessel and eliminate the need for welding or using additional flanges.
- Enable fast removal and reuse of blower tube for cleaning and maintenance.
- Single connection models for through tube mounting and double connection models for two-piece tube mounting.

**TABLES**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Number of Channels</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>SVTE-4</td>
<td>6 channels</td>
<td>110 VAC</td>
<td>398.00</td>
</tr>
<tr>
<td>SVTE-6</td>
<td>6 channels</td>
<td>220 VDC</td>
<td>498.00</td>
</tr>
<tr>
<td>SVTE-8</td>
<td>8 channels</td>
<td>220 VDC</td>
<td>698.00</td>
</tr>
</tbody>
</table>

**SOLENOID VALVE ENCLOSURE WITH TIMER**

- **SVT Enclosure with Timer**
  - Integrates solenoid, enclosure and timer into one package.
  - Universal power supply from 90 to 260 VAC.
  - Dual-time cleaning, continuous cleaning or on-demand control.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Number of Channels</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCT1006</td>
<td>Master Controller</td>
<td>10</td>
<td>140.00</td>
</tr>
<tr>
<td>DCT1008</td>
<td>Master Controller</td>
<td>22</td>
<td>150.00</td>
</tr>
<tr>
<td>DCT2012</td>
<td>Chamber Expander</td>
<td>10</td>
<td>140.00</td>
</tr>
<tr>
<td>DCT2014</td>
<td>Chamber Expander</td>
<td>22</td>
<td>150.00</td>
</tr>
</tbody>
</table>

**DCT1006 Timer Controller**

- Continuous power supply from 90 to 260 VAC.

**DCT2000 Timer Controller**

- Modular design offers a plug-in pressure module that eliminates the need for a pressure switch, timer, pressure transmitter, etc., in on-demand control.
- Same mounting dimensions as major competitor’s controls allowing it to retrofit existing collector designs and come in sizes for 3, 4, and 5 channel versions.

**DCT600 Models**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Number of Channels</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCT600A</td>
<td>Timer Control</td>
<td>10</td>
<td>150.00</td>
</tr>
<tr>
<td>DCT600B</td>
<td>Timer Control</td>
<td>20</td>
<td>160.00</td>
</tr>
<tr>
<td>DCT650A</td>
<td>Timer Control</td>
<td>10</td>
<td>150.00</td>
</tr>
<tr>
<td>DCT650B</td>
<td>Timer Control</td>
<td>20</td>
<td>160.00</td>
</tr>
</tbody>
</table>

**DCT600 Timer Controller**

- Universal power supply from 90 to 260 VAC.
- Available with 4, 8, 10, 12, 16 channels.
DWYER OFFERS YOU:

- Quality products at an economical price.
- Vendor consolidation to lower your purchasing costs.
- Product consolidation lowering your total system cost. Front line boards with built-in pressure modules is being able to mount and wire pilot valves and timer board together into one package, ask us how we can help you with your system.

- **SPRINGLESS SPRINGERLESS PULSE VALVES, SERIES EIVS**
  - For on-demand, solenoid, or pilot valve valve
  - Inexpensive and durable, option for point installation
  - NPT or coupling connection
  - 15° 20° 1/2" 2.5° 2.5"

- **PITCH MODULATORS, SERIES EIVT**
  - For backflow control with high flow rates
  - Individual units or prepackaged into one enclosure

- **DIGITAL TIME CONTROLLERS, SERIES DTC**
  - For controlling flow of air
  - On or demand and continuous cycle
  - 30 to 400 cycle capability

- **SOLENOID VALVE ENCLOSURES WITH Timer, SERIES EIVT**
  - For controlling flow of air

- **DIFFERENTIAL PRESSURE GAUGES, SERIES 2000 MAGNEHELIC® GAGE**
  - Pressure monitoring on the input side

- **PRESSURE SWITCHES, SERIES 1950**
  - For initiating on-demand cleaning

- **LEVEL CONTROLLERS, SERIES PLS**
  - For monitoring product build-up at the bottom of the collector or receiving vessel

- **BULK HEAD CONNECTORS, SERIES BHC**
  - For installation of blow tube through the filter

- **PARTICULATE SENSORS/TRANSMITTERS, SERIES PMS/PMT**
  - For monitoring emissions and detecting broken filters

**DWYER INSTRUMENTS, INC.**

P.O. Box 373
Michigan City, IN 46361-9986

See It All At

[www.dust-controls.com](http://www.dust-controls.com)
DWYER OFFERS YOU:

- Quality products at an economical price.
- Vendor consolidation to lower your purchasing costs.
- Product consolidation by lowering your total system cost.

For timer boards with built-in pressure modules to being able to mount and wire pilot valves and timer board together into one package, ask us how we can help you with your system.

SPRINGLESS DIAPHRAGM PULSE VALVES, SERIES DCS/RDCS
- For air pulsed filters
- Remote or integral coil
- NPT or coupling connection
- 3/4” to 1-1/2”

PILOT SOLENOID VALVES, SERIES RSV
- For triggering remote coil diaphragm valves
- Individual units or pre-packaged into enclosures
- NPT or coupling connection
- 3/4” to 1-1/2”

DIGITAL Timers/CONTROLLERS, SERIES DCT/DC1000
- For monitoring pressure of filter
- For on-demand and continuous clean
- Optional pressure modules to eliminate separate pressure sensor
- 4-20mA analog output

SOLENOID VALVES ENCLOSURE WITH TIMER, SERIES SVT
- For monitoring pressure of filter

Differential Pressure Gauges, SERIES 2000 MAGNEHELIC®
- For monitoring differential air pressure drop

Pressure Switches, SERIES 1950
- For initiating on-demand cleaning

EXPLOSION-PROOF DIFFERENTIAL PRESSURE TRANSMITTER, SERIES 3100
- For monitoring differential air pressure drop

PARTICLE SENSORS/TRANSMITTERS, SERIES PMS/PMT
- For monitoring emissions and detecting broken filters

LEVEL CONTROLLERS, SERIES PLS
- For monitoring product build-up at the bottom of the collector or receiving vessel

BULK HEAD CONNECTORS, SERIES BHC
- For installation of blow tube through the filter

Particulate sensor/transmitters, SERIES PMS/PMT
- For monitoring emissions and detecting broken filters

See page 2 for product information.

A TOTAL SYSTEM FOR YOUR DUST COLLECTOR

• Quality products at an economical price
• Vendor consolidation to lower your purchasing costs
• Product consolidation lowering your total system cost

www.dust-controls.com

A TOTAL INSTRUMENT PACKAGE FOR YOUR DUST COLLECTOR

• Quality products at an economical price
• Vendor consolidation to lower your purchasing costs
• Product consolidation lowering your total system cost

www.dust-controls.com