

## PRODUCTS APPLIED FOR DUST COLLECTION APPLICATION



**Diaphragm Pulse Valves, Series DCV/RDCV:** For air pulsing filters.  
 ▶ Remote or integral coil  
 ▶ NPT or Coupling Connection  
 ▶ 3/4" to 3"



**Pilot Solenoid Valves, Series RSV:** For triggering remote coil diaphragm valves.  
 ▶ Individual units or prepackaged into enclosures



**Digital Timers/Controllers, Series DCT1000:** For controlling pulsing of filters.  
 ▶ For on-demand and continuous clean  
 ▶ Optional pressure modules to eliminate separate pressure sensor  
 ▶ 4 to 255 channel capability



**Differential Pressure Gages, Series 2000 Magnehelic® Gage:** For monitoring differential air filter pressure drop.



**Single Pressure Gages, Series SGT:** For monitoring compressed air line.



**Pressure Switch/Gages, Series DH3 Digihelic® Controller:** One unit for both monitoring filter pressure drop and initiating on-demand cleaning.



**Pressure Switches, Series 1950:** For initiating on-demand cleaning.



**Differential Pressure Transmitters, Series 616:** For monitoring differential air filter pressure drop.



**Single Pressure Transmitters, Series 626, 628:** For monitoring compressed air line.



**Ball Valves, Series BV2MB:** For shutoff of compressed air line.



**Level Controls, 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.



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Return Service Requested

## TOTAL INSTRUMENT PACKAGE For Dust Collector and Pneumatic Conveying from Dwyer Instruments, Inc.

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

**We have all your needs:**  
 pulse valves, timer boards, pressure gages, and more.

See it all at [www.dust-controls.com](http://www.dust-controls.com)  
 or request a Powder, Dust, Bulk Material Catalog  
 via email to: [lit@dwyer-inst.com](mailto:lit@dwyer-inst.com)

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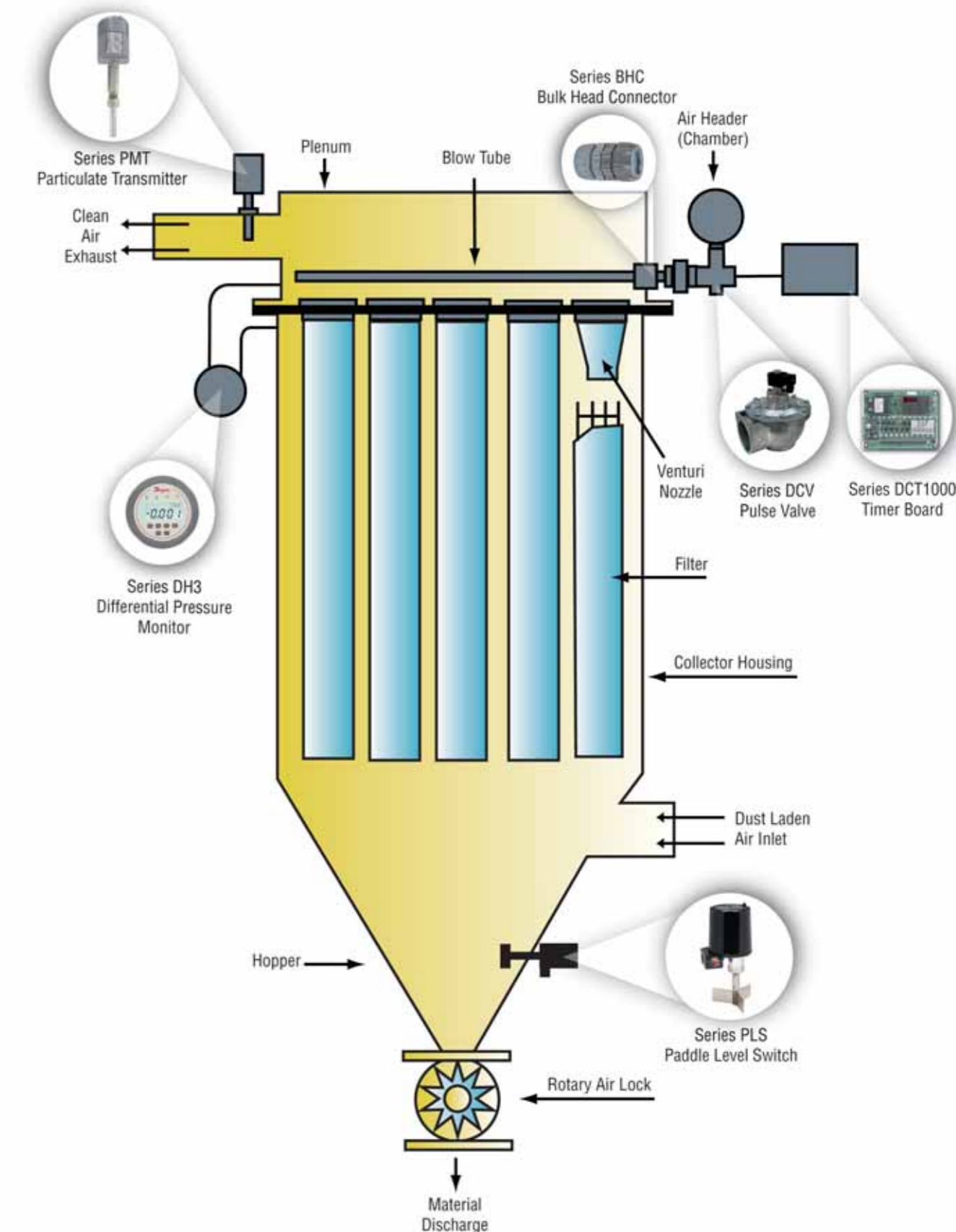


BC-DCPC

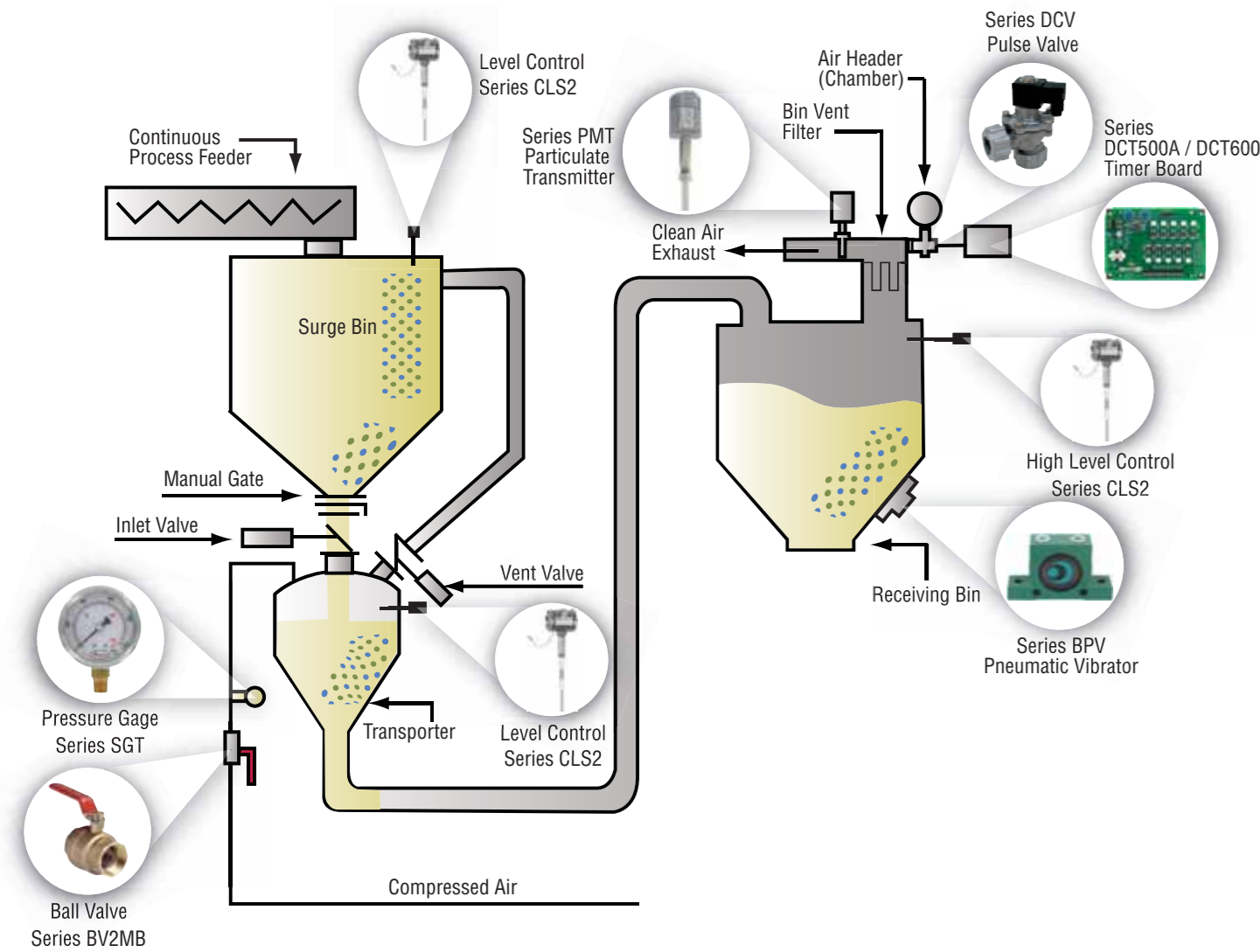
## Total Instrument Package for Dust Collection and Pneumatic Conveying



## DUST COLLECTION APPLICATION



## DENSE PHASE



## PRODUCTS APPLIED FOR DENSE PNEUMATIC CONVEYING APPLICATION

**Level Control:** For monitoring full and empty status of bins, transporters, receivers and silos.

**Series TFLS:**

- ▶ Tuning Fork level switch
- ▶ Great for changing dielectric constant and low bulk density
- ▶ Easy installation

**Level Controls, Series PLS:** For monitoring product build up at the bottom of the collector or receiving vessel.

**Ball Valves, Series BV2MB:** For shutoff of compressed air line.

**Butterfly Valves, Series BFV:** For control of flow of product from the surge bin to the transporter.

**Pressure Gages, Series SGT:** For monitoring air pressure throughout the system.

**Pressure Transmitter, Series 626/628:** For monitoring air pressure throughout the system.

**Digital Timers/Controllers, Series DCT500A/600:** For controlling pulsed cleaning of bin vent filters.

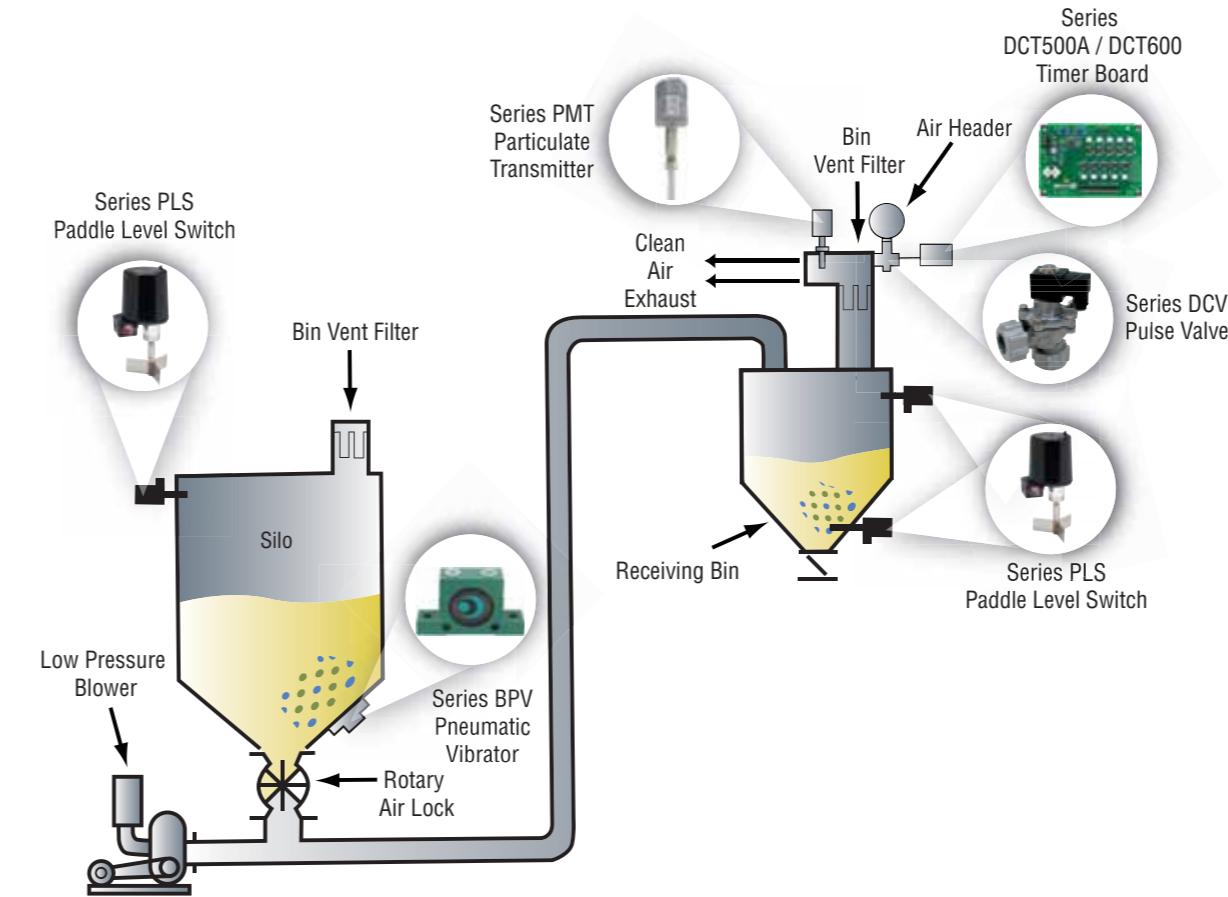
**Diaphragm Pulse Valves, Series DCV/RDCV:** For air pulsing bin vent filters.

- ▶ Remote or integral coil
- ▶ NPT or coupling connection
- ▶ 3/4" to 3"

**Pneumatic Vibrators:** For vibrating loose material jams, bridges, or clogs.

**Particulate Sensors/Transmitters, Series PMS/PMT:** For monitoring emissions and detecting broken filters.

## DILUTE PHASE



## PRODUCTS APPLIED FOR DILUTE PHASE PNEUMATIC CONVEYING APPLICATION

**Level Control:** For monitoring full and empty status of bins, transporters, receivers and silos.

**Series TFLS:**

- ▶ Tuning Fork level switch
- ▶ Great for changing dielectric constant and low bulk density
- ▶ Easy installation

**Series CLS2:**

- ▶ Capacitive level switch
- ▶ Perfect for high pressure dense phase conveying systems
- ▶ No moving parts to wear, clog, or jam

**Digital Timers/Controllers, Series DCT500A/600:** For controlling pulsed cleaning of bin vent filters.

**Diaphragm Pulse Valves, Series DCV/RDCV:** For air pulsing bin vent filters.

- ▶ Remote or integral coil
- ▶ NPT or coupling connection
- ▶ 3/4" to 3"

**Pneumatic Vibrators:** For vibrating loose material jams, bridges, or clogs.

**Particulate Sensors/Transmitters, Series PMS/PMT:** For monitoring emissions and detecting broken filters.