Quad Pulse Package PX2

QUAD PULSE PACKAGE PX2
A compact dust collector designed for ease of installation and maintenance, BI/BO Bin, BI/BO primary and HEPA filters with a remote mounted fan, air capacity up to 1,765 cfm depending on application.

APPLICATIONS
Pharmaceutical applications for the Quad Pulse Package PX collector include:
- tableting
- mixing
- blending
- granulation
- drying
- coating
- filling
- packaging

Other applications and industries: chemical, cosmetic, most hazardous dust that require containment.

FEATURES AND BENEFITS
Quad Pulse filter cleaning design (Patent pending)
Provides improved dust release and enhanced filter service life. By cleaning individual segments of the filter element, process air flow variations are reduced. This maintains proper duct air velocities and reduces pressure fluctuations in the dirty air ducting and associated process machinery. The lower compressed air pressure, improved filter cleaning and high efficiency fan motor all ensure lower energy consumption.

Containment
Incorporates the safe-change BI/BO process for the main filter cartridges, HEPA filters and discharge bin.

Explosion Protection
Ensures an explosion event (up to Kst 350) is safely contained within the Quad Pulse dust collector without the need for additional expensive safety devices. Ensures the unit can be safely installed indoors without any limitations and close to the process to greatly reduce the ducting installation requirements.

Weight (incl. filters) 3,300 lbs
System dimensions 98.5in x 57.875in x 50in
Air Capacity 1470 cfm (range 885 -1765 cfm) dependent on application
Process Air Temperature 32 - 104°F
Motor starter DOL, S/D and VFD available
Integrated Control System Ex II 3 D, tc, IIIIC, IP66, T80C, Dc
Operating pressure 0 - 100.5 inwg
EXPLOSION PROTECTION
ATEX & NFPA Compliant

Unit marking: Ex II 1/3 D ST3 IIIB Ex h IIIB T130C Da/Dc
Max Pred: 18.12 psi
Max dust KST*: 350 bar m/s (IIIA, IIIB)
Max dust PMax: 145 psi / 10 bar

*KST over 350 dusts and hybrid mixtures possible with suppression

FILTER

Main filter options:
1. eXtreme Carbon
2. Durapleat Aluminized
3. Durapleat PTFE membrane antistatic

Main filter cartridge class: M EN 60335-2-69
Main filter area: 180ft² / 137ft²
Final filter class: H14, 99.995% at MPPS EN 1822
HEPA DOP Testing:
Integrated test ports and aerosol injection port for volumetric HEPA testing
HEPA area: 242ft²

Camfil APC | www.camfilapc.com | e-mail: filterman@camfil.com | Factories in the United States, Germany, Czech Republic and China