

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.

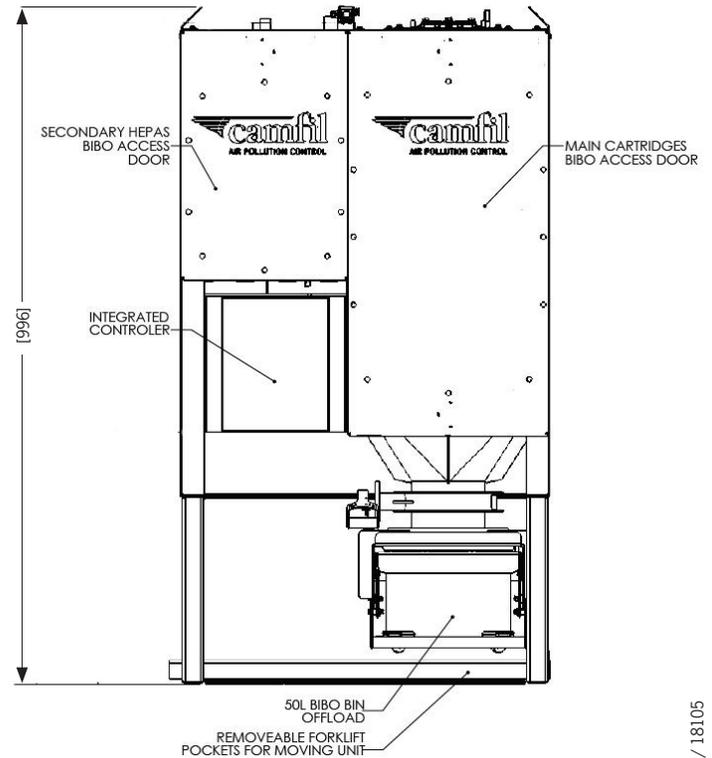
Weight (incl. filters)	3,300 lbs
System dimensions	98.5in x 57.875in x 50in
Air Capacity	1470 cfm (range 885 -1765 cfm) dependent on application
Process Air Temperature	32 - 104°F
Motor starter	DOL, S/D and VFD available
Integrated Control System	Ex II 3 D, tc, IIC, IP66, T80C, Dc
Operating pressure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

EXPLOSION PROTECTION ATEX & NFPA Compliant

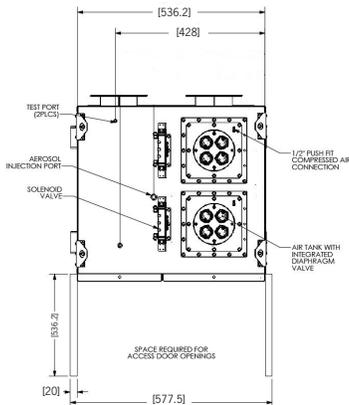
Unit marking	Ex II 1/3 D ST3 IIIB Ex h IIIB T130C
	Da/Dc
Max Pred	18.12 psi
Max dust KST*	350 bar m/s (IIIA, IIIB)
Max dust PMax	145 psi / 10 bar

*KST over 350 dusts and hybrid mixtures possible with suppression

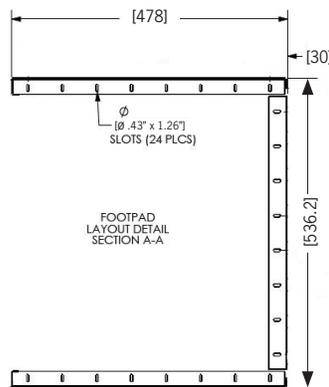
FRONT VIEW



TOP VIEW



FOOT PRINT



FILTER

Main filter options	<ol style="list-style-type: none"> 1. eXtreme Carbon 2. Durapleat Aluminized 3. Durapleat PTFE membrane antistatic
Main filter cartridge class	M EN 60335-2-69
Main filter area	180ft ² / 137ft ²
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	242ft ²

