



## QUAD PULSE PACKAGE PX

A compact dust collector designed for ease of installation and maintenance, incorporating an integrated fan, BiBo Bin, BiBo Primary and HEPA filters.

## APPLICATIONS

**Pharmaceutical applications** for the Quad Pulse Package PX collector include:

- **tableting**
- **mixing**
- **blending**
- **granulation**
- **drying**
- **coating**
- **filling**
- **packaging**

The QPP is also applicable for a range of applications within other industries with similar technical demands, including the chemical industry, cosmetics and nuclear industries.

## 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, the air flow variations are reduced to maintain duct air velocities and reduce 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 a safe change BiBo bin and HEPA filter operation.

### Explosion Protection

Ensures an explosion event (ST2 dusts) is safely contained within the Quad Pulse Package 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.

<b>Weight (incl. filters)</b>	2,315 Lbs
<b>System Dimensions</b>	45.375" x 33.5" x 86.625"
<b>Noise Level</b>	Lp AEQ 90s = 73.2dB
<b>Air Capacity</b>	588 CFM (range 295-700 CFM) dependent on application
<b>Process Air Temperature</b>	32 – 100°F non-condensing
<b>Suction Capacity</b>	23 w.g (higher pressure available using remote mounted fans)
<b>Motor</b>	ATEX ExnA T3 3D T125C, IE3, Class S1, 3x400V, 4kW, 7.3 A, IP55/66 for 3D IIIC
<b>Starter</b>	DOL or VSD available
<b>Integrated Control System</b>	Ex II 3 D, tc, IIIC, IP66, T80C, Dc
<b>Compressed Air Quality</b>	Class 3 or better according to ISO 8573.1

- **low energy consumption**
- **twenty-four-seven operation**
- **zero downtime during operation**
- **save time and money**
- **compact size for ease of installation**
- **explosion pressure shock resistance**

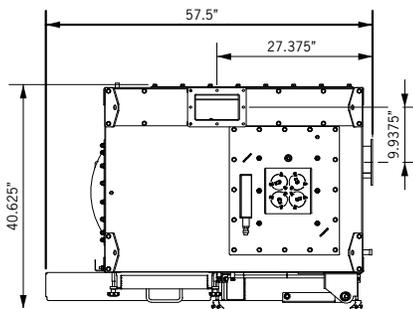
## EXPLOSION PROTECTION NFPA Compliant

<b>Unit marking</b>	Ex 2/3 D c IIIA, IIIB, T=125, Tx=60, IP55/IP66 for IIIC marked units
<b>Max Pred</b>	8.7 psi
<b>Max dust KST</b>	299 bar m/s (IIIA, IIIB) / 220 (IIIC)
<b>Max dust PMax</b>	10 bar m/s ST3 dusts and hybrid mixtures possible with chemical suppression
<b>Rated shock resistance</b>	14.5 psi

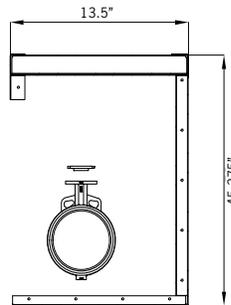
FRONT VIEW



TOP VIEW



FOOT PRINT



## FILTER

<b>Main filter</b>	eXtreme Carbon or Durapleat PTFE membrane antistatic
<b>Main filter cartridge class</b>	M EN 60335-2-69
<b>Main filter area</b>	180 ft / 137 ft <sup>2</sup>
<b>Final filter class</b>	H14, 99,995% at MPPS EN 1822
<b>HEPA DOP Testing</b>	Integrated test ports and aerosol injection port for volumetric HEPA testing
<b>HEPA area</b>	242 ft <sup>2</sup>

