

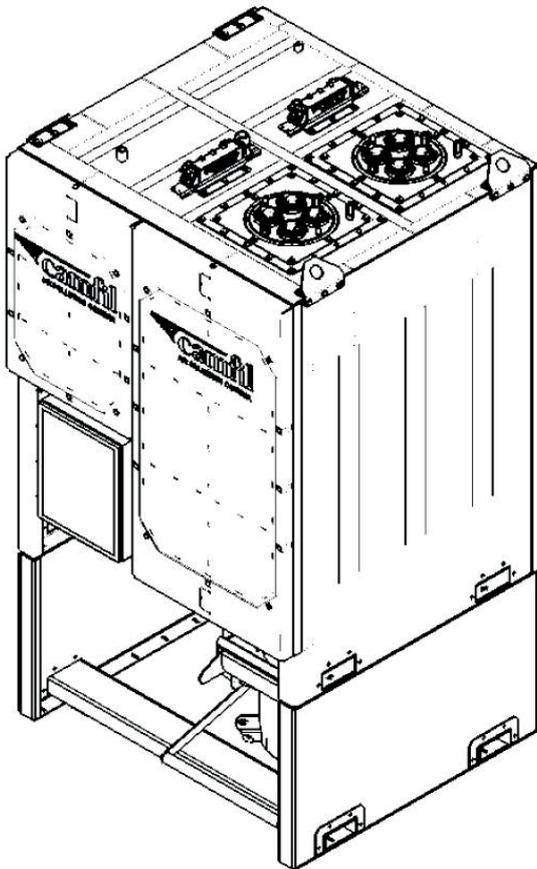
DESCRIPTION: QUAD PULSE PACKAGE 2 PX

A compact dust collector designed for ease of installation and maintenance, BIBO Bin, BIBO primary and HEPA filters with a remote mounted fan, air capacity up to 3,000 m³/h depending on application.

APPLICATIONS

Pharmaceutical applications for the Quad Pulse Package 2 PX collector include: **tableting, mixing, blending, granulation, drying, coating, filling and packaging.**

Also applicable for a range of applications within other industries with similar technical demands, including the chemical industry and cosmetics.



Weight (incl. filters)	1,500 kg
System dimensions	WxDxH: 1362 x 1270 x 2530 mm
Air Capacity	2,500 m ³ /h (range 1,500-3,000 m ³ /h) dependent on application
Process Air Temperature	0 – 40°C non-condensing
Motor starter	DOL, S/D and VSD available
Integrated Control System	Ex II 3 D, tc, IIIC, IP66, T80C, Dc
Operating pressure	0 to -25 kPa

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. Utilises the surrogate tested Camtain BIBO filter change principle for a safe and simple primary filter change obtaining up to OEB 5.

Explosion Protection

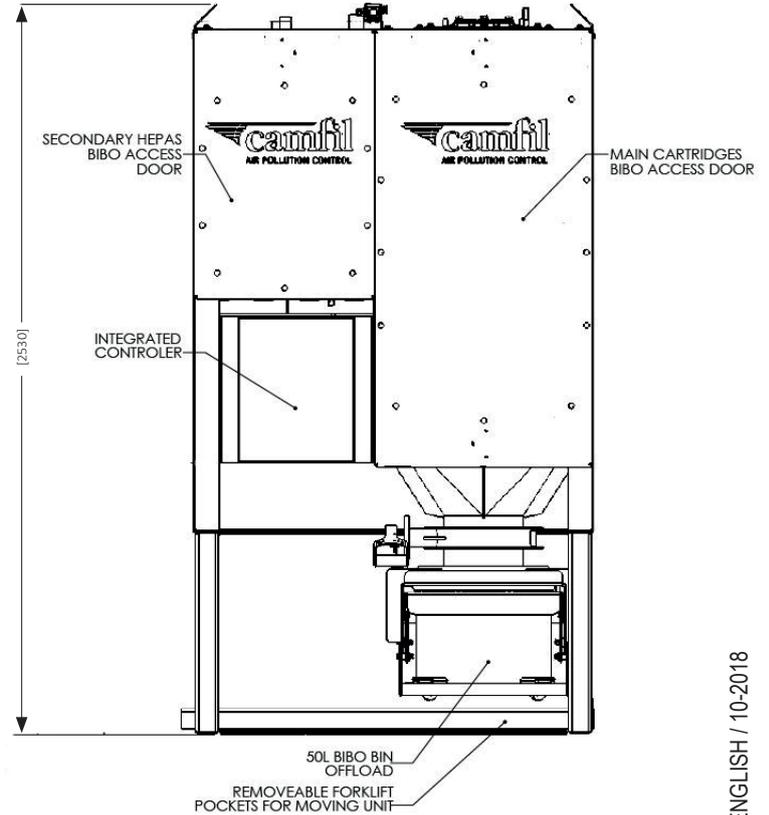
Ensures an explosion event (up to Kst 350) is safely contained within the Quad Pulse dust collector without the need for additional expensive safety devices. Ensures the unit can be safely installed indoors without any limitations and close to the process to greatly reduce the ducting installation requirements.



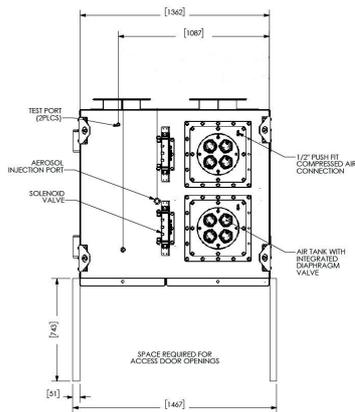
**EXPLOSION PROTECTION
(ATEX Compliant)**

Unit marking Ex II 1/3 D ST3 IIIB Ex h IIIB T130C
Da/Dc
Max Pred 1.25 bar
Max dust KST 350 bar m/s (IIIA, IIIB)
Max dust PMax 10 bar
KST over 350 dusts and hybrid mixtures possible with suppression

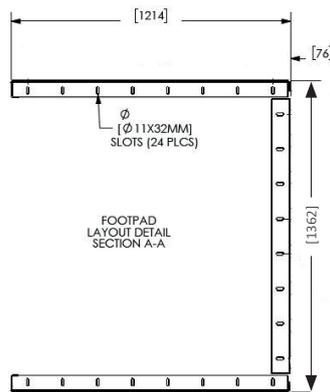
FRONT VIEW



TOP VIEW



FOOT PRINT



FILTER

Main filter eXtreme Carbon, Durapleat Aluminized, Durapleat PTFE membrane antistatic
Main filter cartridge class M EN 60335-2-69
Main filter area 2 x 20.5 / 2 x 15.9
Final filter class H13, 99,95% at MPPS EN 1822
HEPA DOP Testing Integrated test ports and aerosol injection port for volumetric HEPA testing
HEPA area 2 x 14.5

