

QUAD PULSE
PACKAGE

- ✓ Compact Design
- ✓ Easy Installation
- ✓ BIBO Safe-Change
- ✓ Integrated Explosion Protection

CORE OF THE QUAD PULSE SYSTEM:



THE PATENTED DEDUSTING SOLUTION OFFERS NUMEROUS ADVANTAGES:

- ✓ Clean online without interrupting operations
- ✓ Uniform flow-through and cleaning of the cartridge
- ✓ Long filter life / reduced filter change intervals
- ✓ Compact design with just 1 or 2 filter cartridges saves space
- ✓ High energy efficiency
- ✓ Innovative filter material allows highest separation rates
- ✓ HV-Applications
- ✓ Reduced back-pressure to upstream processes

A PRODUCT FAMILY WITH A MISSION: CLEANLINESS, SAFETY AND EFFICIENCY FOR HAZARDOUS DUST



QPP1 PX1
1 cartridge

Air Volume: 295 - 706 cfm
Internal fan for down to 20 inWG
external suction pressure



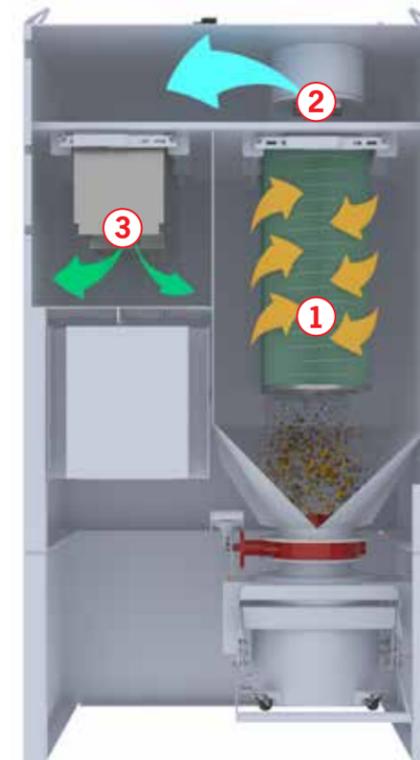
QPP1 PX
1 cartridge

Air Volume: 295 - 706 cfm
External fan for working pressure
down to 100 inWG



QPP2 PX
2 cartridges

Air Volume: 590 - 1765 cfm
External fan for working pressure
down to 100 inWG



OPTIMIZED UNIT DESIGN

EFFICIENT FILTER STAGES:

Stage 1: Primary filter with excellent filtration efficiency removes the majority of collected dust and prolongs the service life of the second-stage filter.

Stage 2: Quad Pulse cleaning system.

Stage 3: HEPA filter up to H13 providing 99.995% filtration efficiency to capture the finest, most hazardous dust particles.

COMPACT DESIGN, SMALL FOOTPRINT

Space on the production floor and in the plantroom is at a premium. The ATEX & NFPA compliant explosion protection capabilities of the device enable the Quad Pulse to be conveniently installed with easy access for all maintenance functions.

HIGH PERFORMANCE, LOW NOISE

The integrated fan (QPP1) can provide the suction required for each individual application. At the same time the unit is insulated to make it very quiet during operation.



ZERO
DOWNTIME

LOW
ENERGY



COMPACT
SIZE



THE QUAD PULSE PACKAGE SERIES PACKED WITH HIGH-END FUNCTIONALITIES:

BIBO SAFE-CHANGE

BIBO Safe-Change HEPA Filter:
Uses the Camsafe system for straight-forward BIBO filter change. Ensures full containment of the finest, most hazardous dust particles.

BIBO Safe-Change Primary Filter:
Utilises the market-leading Camtain methodology with an antistatic BIBO bag, providing a full containment solution to protect workers and prevent cross-contamination.

BIBO Safe-Change Dust Discharge:
Collected dust is removed quickly and easily, with full containment.

QPP 1: 9.25 gal BIBO drum
QPP 2: 13.20 gal BIBO drum serviced from the front.



HIGHEST LEVEL OF EXPLOSION PROTECTION

The Quad Pulse Package HEPA filter captures the fine dust particles and is a tested flame and contamination barrier. **Key advantages:**

- The Quad Pulse HEPA filter captures fine dust particles and avoids the need for costly add-on explosion protection.
- Additional, expensive explosion safety devices may not be required within given limits.
- The pressure resistant housing maintains its integrity with no damage during an explosion event.
- Compact unit with flexibility for indoor installation reduces the need for long duct runs.



**IN ACCORDANCE WITH
ATEX & NFPA DIRECTIVES**

EASY
Maintenance



EXPLOSION
RESISTANCE



INNOVATIVE TOOLS & ACCESSORIES



ATEX 3 D approved integrated controller. The controller operates the complete system including the optional Dual Valve system. Control through potential free contacts and/or MODBUS.



QPP2 Dual Valve compatible

QUAD PULSE PACKAGE HIGH VACUUM: POWER ON THE SPOT!

- Heavy duty welded construction suitable for indoor installation
- Vessel strength: Up to 100 inWG negative pressure
- Quad Pulse cleaning system with segmented filter cartridge for improved dust release, continuous operation, reduced energy consumption and extended filter service life
- Explosion protection to comply with ATEX & NFPA Standards. Explosion pressure shock resistant to negate the need for additional explosion safety devices and enable easier, more economical installation
- Bag-in/Bag-out safe-change filter cartridge removal and installation



All our HV dust collectors use Camfil APC filter media to ensure the highest filtration performance combined with optimum dust release characteristics, filter service life and energy saving potential.

WE SOLVE ALL APPLICATIONS IN PHARMACEUTICAL & CHEMICAL PRODUCTION!

- tableting
- filling
- coating
- granulating
- drying
- mixing
- blending
- packaging
- central vacuum

RELY ON OUR EXPERIENCE:

If you have OSD applications with APIs or if you have to solve projects with high demands on ATEX and NFPA workplace or equipment directives - our pharma team is always happy to assist you with your requests. Please contact us.



Gold Series Camtain



Gold Series HV



Camfil Camsafe

REFERENCES IN THE MARKET:

With the Quad Pulse Package Series and the Gold Series Camtain, Camfil APC offers solutions for every step within the pharmaceutical and chemical industry. We are already partners with numerous global market leaders in this segment. We gladly provide you with a reference list on request. Talk to our experts!

YOUR PARTNER FOR GLOBAL SOURCING

Camfil APC is a leading supplier of industrial exhaust air purification and part of the Camfil Group, the world market leader in air filters and air purification systems, with over 4,000 employees worldwide and more than 50 years of experience. With our comprehensive product portfolio and global service and delivery options, we offer absolute customer proximity and individual solution proposals for use in almost all production areas.



TRUST THE EXPERT!

Our engineers and employees are absolute professionals with many years of experience in the development, production and technical support of air pollution control systems of all sizes. From a simple filter system to complex turnkey solutions, from the initial design of the plant to the final completion - we are looking forward to your inquiry!



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