



AFX™ Series – Air Filtration Excellence Clean Air, Clean Performance

AFX-PKT™ – Pocket Filter Modules Product Highlights

Filtracore Asia's **AFX-PKT™ Pocket Filter Modules** are multi-pocket, extended-surface HVAC filters built for **predictable lifetime economics** across large portfolios. Designed for AHUs in commercial, healthcare, pharmaceutical, electronics, food & beverage, and data-centre environments, they pair **high dust-holding capacity** with a **stable pressure drop** to lengthen change-out intervals, **reduce energy spend**, and simplify stock planning. Configurations are available up to **MERV 15 / ISO 16890 ePM1-class** options (class depends on model), letting you align filter grade to site risk without over-specifying.

Available in **three media constructions** – **AFX-PKT-SF™** (*moisture-resistant synthetic*) for robust general duty and high-humidity sites; **AFX-PKT-MG™** (*microglass particulate*) where



higher efficiency classes are required; and **AFX-PKT-AC™** (*activated-carbon composite*) for combined particulate control with **odour/VOC mitigation** – so you can standardise on one family while tailoring media to each location. All variants are suited to **constant- and variable-air-volume** operation and maintain performance in **humid or turbulent** AHU conditions.

For deployment and continuity, AFX-PKT™ is dimensioned for **industry-standard pocket frames** and engineered as a **drop-in replacement** when **nominal size, header thickness, pocket depth/count, and efficiency class** are matched. **Common Euro/US sizes** and **galvanised steel or polymer headers** are supported,

with **upstream/downstream gasket options** to match existing rails. Cross-reference support and documentation are available to ease multi-site transitions; **food-contact-compliant variants are available on request** where required.

High capacity pockets. Steady pressure. Lower life-cycle cost.

Applications - AFX-PKT™ – Pocket Filter Modules

- **Commercial buildings:** malls, offices, universities, airports
- **Industrial HVAC:** manufacturing lines, electronics assembly; use as pre- or final-stage per system design
- **Data centres & telecoms:** AHU supply/return where stable pressure drop and high dust capacity support uptime
- **Pharmaceutical & healthcare:** cleanroom pre-filtration and AHU inlet filtration; align grade to risk class
- **Food & beverage (dry areas):** make-up/recirculation air and packaging zones; food-contact-compliant variants available on request
- **Paint facilities (make-up air):** pre-filtration of intake air only; not for overspray capture (use dedicated arrestor media)
- **IAQ-sensitive environments:** laboratories, museums, healthcare spaces; for odour/VOC mitigation, specify AFX-PKT-AC™

OEM Compatibility & Replacement Cross-Reference

AFX-PKT™ Pocket Filter Modules are produced in industry-standard nominal sizes and depths (e.g., 592×592/490/287 mm; ~360–635 mm) with common header options to drop into typical AHU pocket-filter frames. Representative equivalents¹ include:

- **AAF®** – DriPak® / DriPak® 2000 / DriPak® GX pocket filters (synthetic or microglass; tapered-pocket designs) Camfil® – Hi-Flo® ES / XLT pocket filters; City-Flo® particulate + molecular (carbon) bag filters
- **Freudenberg® Viledon®** – Compact T 60 / Compact F 50 pocket filters
- **Parker Hannifin® (Purolator® / Airguard®)** – Venti-Pak® microglass bag filters; Clean-Pak™ synthetic bag filters; SERVA-Pak™ high-capacity bag filters
- **Koch Filter®** – Multi-Sak™ pocket filters
- **AAF Flanders® / PrecisionAire®** – Precision Pak® pocket filters
- **Filtration Group® / Aerostar®** – SoniQ® Pocket (ultrasonic-welded synthetic) and Rhino Pocket (heavy-duty synthetic) pocket filters



Other compatible OEM systems upon request

Ordering Information - AFX-PKT™ – Pocket Filter Modules

When placing an order, please specify the following:

- **Media formats:** AFX-PKT-SF™ (moisture-resistant synthetic), AFX-PKT-MG™ (microglass particulate), AFX-PKT-AC™ (activated-carbon composite for odour/VOC mitigation)
- **Nominal sizes / depths (Euro/US):** 592×592 / 592×490 / 592×287 mm (other sizes on request). Typical depths ≈360, 500, 600 mm (≈14", 20", 24"); custom depths available
- **Pocket count & configuration:** 3, 4, 5, 6, 8, 10, or 12 pockets; straight or tapered pocket geometry to match existing frames/rails
- **Efficiency grades:** MERV 11, 13, 14, 15; ISO 16890 ePM10 / ePM2.5 / ePM1 (specify target class and minimum % capture)
- **Header / frame:** Galvanised steel (standard) or polymer (ABS/HIPS); aluminium on request. **Header thickness:** 25 mm (1") standard; other thicknesses by enquiry
- **Gasket / seal options:** Upstream or downstream gasket; materials include neoprene, EPDM, or PU foam. Welded edge or framed gasket styles available
- **Design face velocity & nominal airflow:** State design face velocity (m/s) and the corresponding nominal airflow per filter (m³/h or CFM) for your AHU rack
- **Operating limits & change-out guidance:** Maximum operating temperature up to -70 °C (media and header dependent). Suitable up to 100% RH (non-condensing). Follow site SOP/BMS alarm or target Δp budget for change-out; confirm higher Δp allowances for microglass/carbon variants if applicable
- **Application notes:** Intended for HVAC particulate (and, for AFX-PKT-AC™, odour/VOC) service. Not for paint overspray arrest; use dedicated arrestor media for that duty
- **Compliance (options):** Food-contact-compliant variants available on request (FDA 21 CFR; EU 1935/2004 & 10/2011) – documentation can be provided
- **Packaging / identification:** Individually bagged; carton-packed. Each unit labelled with series (AFX-PKT™), size, depth, pocket count, efficiency class, media type, header material/thickness, gasket specification, and lot/traceability code

¹ Compatibility is form-fit-function based on matching nominal size, header thickness, pocket depth/count, and efficiency class. Always verify pocket spacing, rail geometry, target face velocity, and gasket type before ordering. Typical size/depth conventions are shown in the AAF and Koch pocket-filter literature.

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