

Fact Sheet

BHA TotalPleat™

Replacement Filters for Donaldson PowerCore® Part Numbers:

P032358-016-340 (MERV 13) and P280356-016-340 (MERV 15)

Parker Hannifin has developed an innovative aftermarket replacement filter to fit Donaldson PowerCore® CP dust collectors. Named BHA TotalPleat™, the proprietary MERV 15 filter provides numerous improvements and advantages over the OEM PowerCore design.

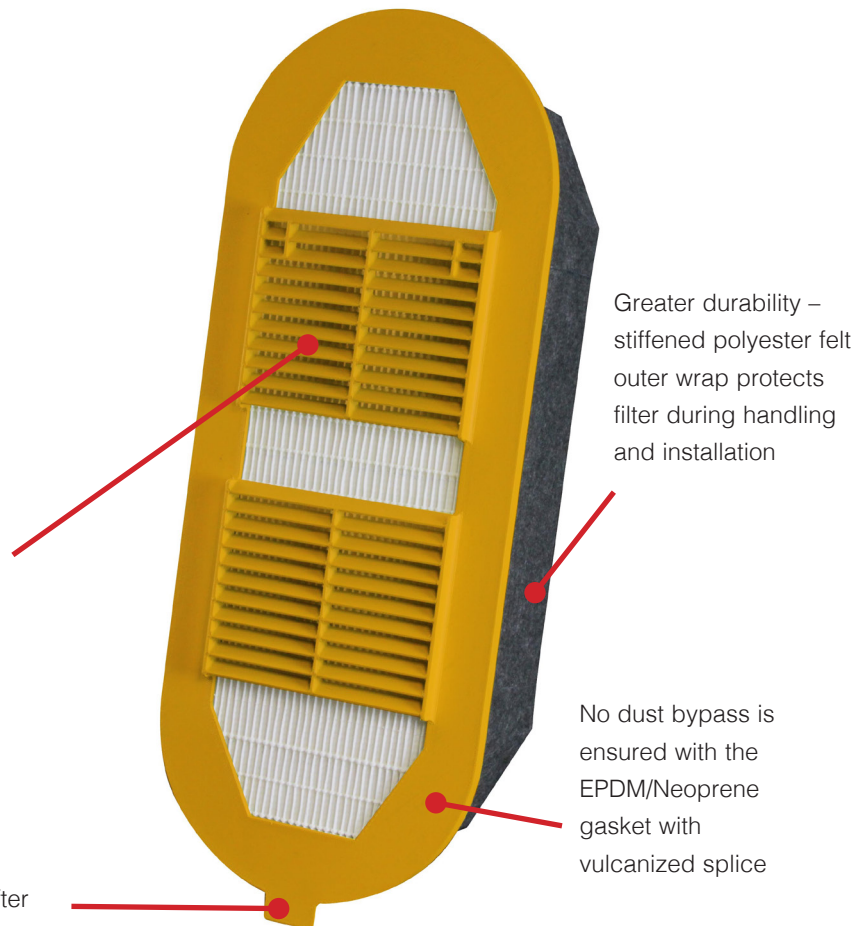
The answer to the outstanding performance of the TotalPleat filter is the more open flow passages within the pleatpack which allow dust to be pulse cleaned out of the filter more completely. In combination with a louvered grid on top of the filter, the open flow passages on the clean side greatly improve how well the cleaning pulse can reach the full depth of the filter. So rather than dust becoming trapped as it does deep in the flutes of the PowerCore filter, TotalPleat is better able to keep the flow passages free of dust accumulation and operate at a lower pressure drop, giving long useful filter life.

Key Benefits TotalPleat vs. PowerCore

- Long filter life, TotalPleat operates at a low pressure drop
- Requires less pulse cleaning to maintain DP for potential energy savings
- TotalPleat is completely incinerable — no metal components
- ProTura MERV 15 nanofiber inside

Effective, even distribution of cleaning pulse across the entire filter area driven by the rigid injection-molded plastic flange with unique, inclined louvered grid

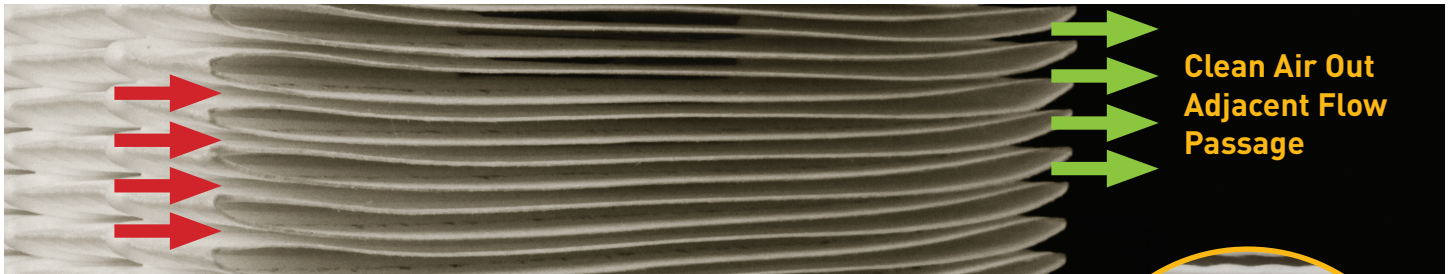
Easier removal after use than the OEM filter



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Proprietary Advanced Airflow Technology



Dusty Air

- Advanced airflow with lower velocity into and out of the filter because of the deep pleated design engineered with greater open area on the top and bottom filter faces
- Novel glue bead design provides better cleaning of the filter and ultimately longer filter life by creating open pleat spacing the full height of the filter:
 - Cleaning pulse able to reach the full depth of the filter
 - Allows dust to be more fully ejected out the bottom of the filter

Small glue beads allow 92% of filter face to be open to flow

TotalPleat flow passage is 50% more open than PowerCore

Performance Data and Filter Facts

- Suitable for any application currently using Donaldson PowerCore CP cellulose blend filter
- Media: BHA ProTura® Advanced Nanofiber cellulose/synthetic blend filter media
- ASHRAE 52.2 MERV 15 filtration efficiency rating
- Filter media surface area: 59 ft²
- 5.93 a/c ratio @1400 cfm test airflow
- 33 pleats x 6.625" pleat height x 21" pleatpack width
- Dimensions:
 - Length: 21.06 inch (535 mm)
 - Width: 7.50 inch (191 mm)
 - Height: 7.00 inch (178 mm)
- Max Temp 150°F

BHA TotalPleat part number 04110001

Fits all Donaldson PowerCore® CP Series units - CPV & CPC
Direct replacement for Donaldson filter part numbers:

- P032358-016-340 (MERV 13)
- P280356-016-340 (MERV 15)

Powercore® is a registered trademark of Donaldson Company, Inc.

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