

PECO Series EZ-PCHG

PEACH® DYNASEP™
PEACH DEPTH STYLE
GAS FILTER-SEPARATOR CARTRIDGES

for use in PECO Series 75
Titan PuraSep® filter-separator vessels



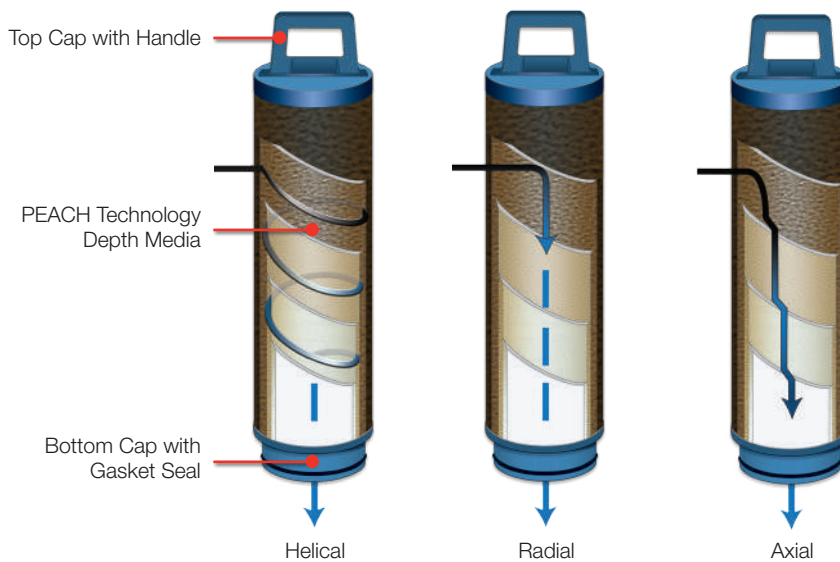
The PEACH DynaSep, Series EZ-PCHG, cartridge utilizes PEACH technology to remove deformable and shear sensitive contaminants from natural gas streams. The unique end cap design requires no tools, allowing for easy installation & removal during change-outs. The inclusion of EZ-Align® ensures a positive seal and prevents cartridge sagging. The unprecedented multi-

directional, tortuous flow path creates a true gradient depth filter that increases time for contaminant removal while maintaining porosity and permeability through the media. PEACH cartridges have become a go-to filter used by consumers who have seen the benefits of longer on-stream service life between change-outs and improved effluent gas quality.

PEACH® is a patented manufacturing process for making a unique depth style filter cartridge. Through thermal bonding, spiral layers of engineered filtration media are applied to conform and overlap each previous layer forming a conical helix pattern. This filter structure results in a gradient density pattern that provides an extraordinary flow path in radial, axial and helical directions. This tortuous flow path yields high contaminant loading, structural strength, maximum efficiency, and an overall outstanding filtration performance.



THREE FLOW PATHS FOR UNPARALLELED FILTRATION



Removes Contaminants such as:
Asphaltenes, Coal Fines, Dirt, Iron Sulfides,
Molecular Sieve Dust, Pipe Scale, Salts,
Sand, Wear Metals



ENGINEERING YOUR SUCCESS.

MATERIALS

MEDIA	PEACH Depth Technology – Polyester or Polypropylene
CORE	None or Plated Steel 0.1 and 1 micron cartridges come standard with no core (optional to add) 0.3, 0.5, 5 and 10 micron cartridges come standard with core
SEAL	Buna-N, EPDM, HNBR or Viton®

NOMINAL DIMENSIONS

SIZE	O.D.	I.D.	LENGTH
328	4.5" / 114mm	3.0" / 76mm	28" / 711mm
343	4.5" / 114mm	3.0" / 76mm	43" / 1092mm
379	4.5" / 114mm	3.0" / 76mm	79" / 2007mm

PERFORMANCE

MICRON RATINGS: 0.1, 0.3, 0.5, 1, 5, 10

EFFICIENCY: 99.98%

- The 0.1µm rated cartridge contains nanofibers within the PEACH depth structure
- 0.1µm and 0.3µm ratings are recommended when iron sulfide removal is required

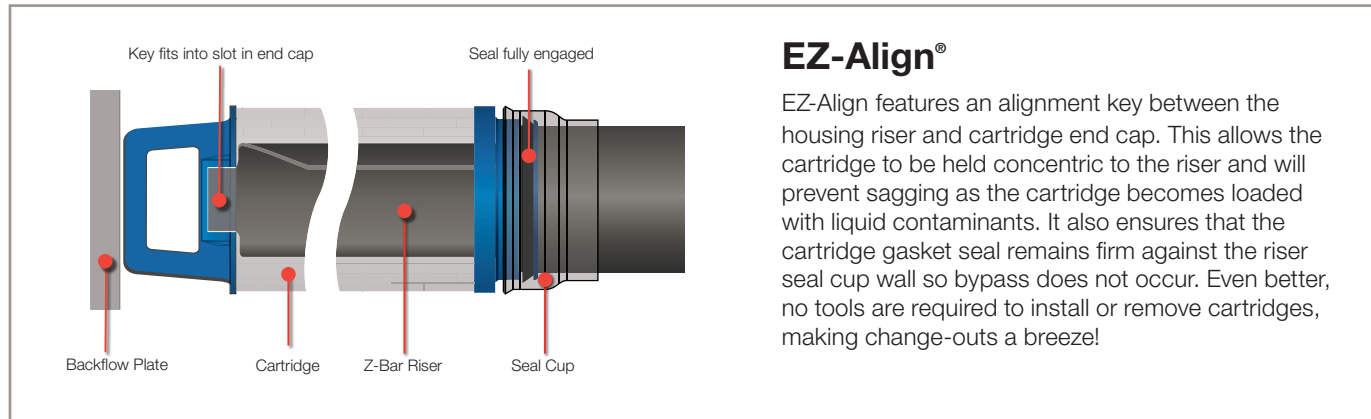
OPERATING DATA

FLOW DIRECTION: Outside-to-Inside

MAX. TEMP: Polypropylene 180°F / 82°C
Polyester 240°F / 116°C

MAX. DIFFERENTIAL PRESSURE:
25 psi / 1.7 bar (without metal core)
50 psi / 3.4 bar (with metal core)

RECOMMENDED CHANGE-OUT DIFFERENTIAL PRESSURE: 12–15 psi / 0.8–1.0 bar



EZ-Align®

EZ-Align features an alignment key between the housing riser and cartridge end cap. This allows the cartridge to be held concentric to the riser and will prevent sagging as the cartridge becomes loaded with liquid contaminants. It also ensures that the cartridge gasket seal remains firm against the riser seal cup wall so bypass does not occur. Even better, no tools are required to install or remove cartridges, making change-outs a breeze!

ORDERING INFORMATION

EZ-PCHG	343					
SERIES	SIZE	MEDIA / END CAPS	MICRON	SEAL	CORE	MISC.
	328 343 379	Blank = Polyester PP = Polypropylene	NM = 0.1 SCW = 0.3 A = 0.5 Blank = 1 5 = 5 10 = 10	Blank = Buna-N E = EPDM H = HNBR V = Viton	<u>0.1 and 1 micron:</u> Blank = No Core (standard) C = Core <u>0.3, 0.5, 5 and 10 micron:</u> Blank = Core (standard)	

• Viton® is a registered trademark of E. I. du Pont de Numours and Company.

© 2019 Parker Hannifin Corporation
DS-OG-PEACHDYNASEP-EZPCHG-190710



Parker Hannifin Corporation
Industrial Process Filtration Division
PO Box 640 | Mineral Wells, TX 76068
Phone 940-325-2575 | Toll Free 1-800-877-7326
Email IPF_AM_TechSupport@parker.com
www.parker.com/ipf