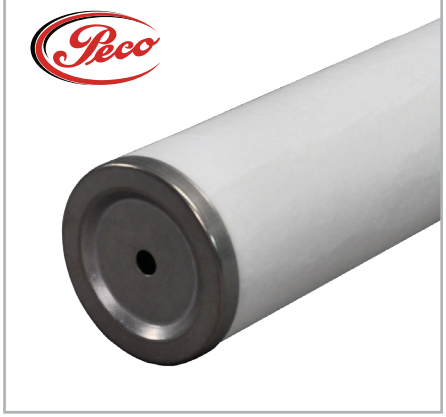
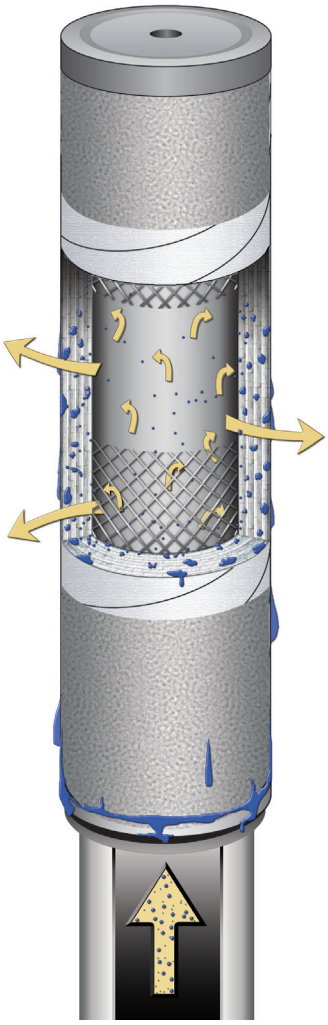
PECO SERIES NGGC

PEACH® DYNACEPTOR™
GAS COALESCING CARTRIDGES

for use in PECO Series 77V Spartan PuraSep® vessels or competitor vessels of similar designs





Gas w/Aerosolized Liquids

PEACH DynaCeptor, Series NGGC cartridges provide effective removal of small aerosol mist and liquid droplets from natural gas streams. The cartridges are made from Parker Engineered Media (PEM) specifically created for use in filtration. Fibers of various denier are weighed, blended and thermally bonded, then formed into a compressed filter media sheet. Multiple recipe layers of PEM are then used in the PEACH technology process to manufacture the unique, advanced depth coalescer cartridge.

Saturated Depth Coalescing™

PEACH gas coalescer cartridges work on a principal referred to as Saturated Depth Coalesing. This allows liquid droplets to collect and saturate the pores within the media depth then grow to their fullest potential. The droplets then drain with gravity when they reach a certain size. These liquid droplets often take with them solid contaminant particles, as well, causing a "self-cleaning" effect within the depth media matrix. This principal works very differently than pleated coalescers which use a tight, treated glass media in order to screen/stop small aerosol liquid droplets then shed them off quickly.

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.

Coalesces Aerosol Liquid Droplets such as:

Amine, Condensate, Glycol, Lubricating Oils, Water, Low Surface Tension Fluid

ENGINEERING YOUR SUCCESS.

MATERIALS

COALESCING MEDIA	PEACH Polyester or Polypropylene
CORE	Expanded Metal
END CAPS	Top Cap - 304 Stainless Bottom Cap - Synthetic w/ Drainage Sleeve
SEAL	EPDM (Polypropylene Media) Viton® (Polyester Media)
ADHESIVE	Urethane

PERFORMANCE

STANDARD RECIPE:
99.5% of 0.3 micron & larger liquid droplets ≤ 50 PPB (wt) effluent

PL-20 RECIPE
99.99% of 0.3 micron & larger liquid droplets ≤ 8 PPB (wt) effluent

PL-23 RECIPE
99.98% of 0.1 micron & larger liquid droplets
99.99% of 0.3 micron & larger liquid droplets ≤ 2 PPB (wt) effluent

OPERATING DATA

FLOW DIRECTION: Inside-to-Outside

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

MAX. DIFFERENTIAL PRESSURE: 25 psid / 1.7 bar

RECOMMENDED CHANGE-OUT DIFFERENTIAL PRESSURE: 12–14 psi / 0.8–1.0 bar

NOMINAL DIMENSIONS

MODEL	O.D.	I.D.	LENGTH
312	4.4” / 112mm	3.0” / 76mm	12” / 305mm
324	4.4” / 112mm	3.0” / 76mm	24” / 610mm
336	4.4” / 112mm	3.0” / 76mm	36” / 914mm

ORDERING INFORMATION

NGGC	–	336	–		–	PL-20
SERIES		SIZE		MEDIA		PERFORMANCE LEVEL
		312		Blank = Polyester		PL-01 = Standard Recipe (Blank for PP Media)
		324		PP = Polypropylene		PL-20 = PL-20 Recipe
		336				PL-23 = PL-23 Recipe

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

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