

# PEACH® Fusion™

## Advanced Carbon Filtration

PEACH® Fusion™ Technology combines innovative filtration media with an advanced form of activated carbon in a single cartridge. This fusion of technologies optimizes the effectiveness of the carbon adsorption process and yields unparalleled performance in many common applications. Achieve and maintain fluid quality specifications that are unprecedented.

### THE BOTTOM LINE

**PECOFacet will conduct onsite testing to verify performance in your specific application. Let us help you determine the bottom line at your facility.**

#### Reliable & Consistent Performance

The advanced pre-filter media, bonded activated carbon, and o-ring seal combine to offer the most structurally stable and reliable activated carbon product today. With PEACH Fusion installed, you can expect very consistent effluent quality without any of the issues associated with loose carbon products like fixed beds and canisters. There will be no carbon fines, no channeling, no backflushing or floating. These issues cause inconsistent product quality, process upsets, and trouble with environmental compliance, translating into budget, productivity and profitability shortfalls. Eliminate those concerns with PEACH Fusion.

#### Increased Flux Rate

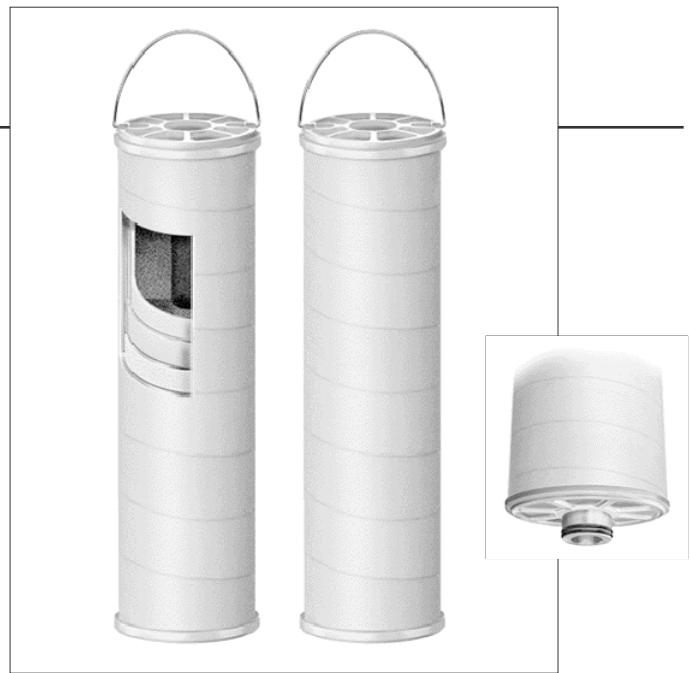
Because PEACH Fusion utilizes a highly porous and bonded form of activated carbon, it remains stable under higher flux (flow per unit area) rates than that of other products. This translates into small vessels and fewer replacement elements. Here, the bottom line is lower capital expense for vessels and less time (money) spent changing elements.

#### Removes More Contaminant per Pound

Because of the advanced pre-filter and highly activated, stable form of carbon, PEACH Fusion removes more contaminant per pound of carbon than other products. That means you save dollars on every pound of contaminant removed.

### APPLICATIONS

- **Gas Processing**  
Amine. Glycol.
- **Gas Production**  
Produced Water
- **Industrial Plants**  
Waste Water. Process Water.
- **Utilities**  
Boiler Feed Water. R.O. Protection. Waste Water.
- **Municipalities & Hospitals**  
Water Treatment Systems
- **Beverage**  
Bottle Wash. Product Waters.



## SPECIFICATIONS

### MATERIALS

- **PRE-FILTER MEDIA** proprietary polymeric blend
- **CARBON MEDIA** bonded activated carbon powder
- **END CAPS** polypropylene
- **O-RINGS** buna-n, Viton, EPR
- **BAIL HANDLE** stainless steel

### NOMINAL DIMENSIONS

O.D. [in.]	I.D. [in.]	Length [in.]
5.5	1.065	20, 40, 44

### OPERATING DATA

MAX TEMP. [F]	pH RANGE	MAX D.P. <sup>1</sup> [psid]
140	0 - 14	100

- Recommended change-out DP is 15 psid above clean DP.

### PARTICLE RETENTION

- **Efficiency** - Nominal
- **Grade [µm]** - 10

### PERFORMANCE

Property	Value
Chlorine Reduction <sup>3</sup>	> 90%
Hydrocarbon Reduction <sup>4</sup>	> 90%
T.S.S. Reduction <sup>4</sup>	> 80%

### INDUSTRY STANDARDS

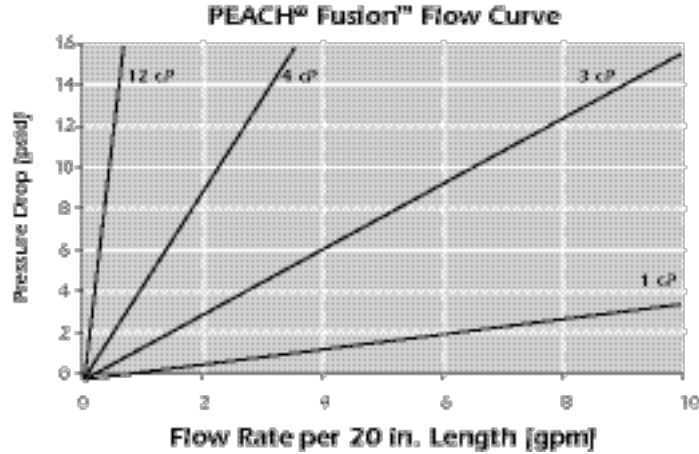
- The carbon used in the PEACH Fusion has been tested against the material requirements of NSF Standards 42, 53, and 58.
- End caps and pre-filter media are constructed of 100% FDA compliant materials



LEADING TECHNOLOGY

Problems Solved. People Satisfied™

**FLOW CAPACITY**



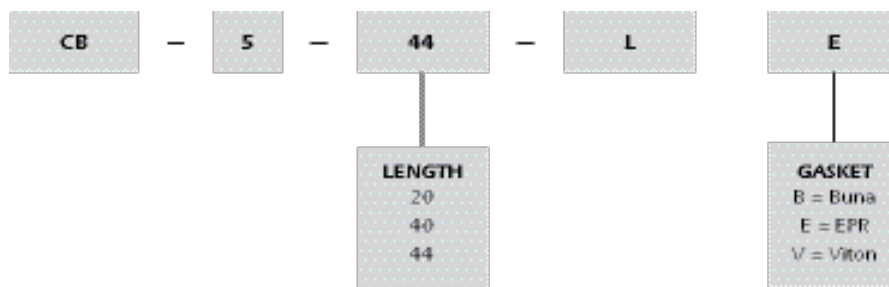
**VESSELS**

- PECOFacet Series 14
- PECOFacet PEACH Fusion Portable Filtration System
- Also replaces standard 7" and 11" carbon canisters in most common housings. Ask for retrofit model when ordering.

**NOTES**

1. Verify with vessel manufacturer. Vessel may limit DP.
2. Non-recommended uses; chloroform reduction, cyst reduction, lead reduction
3. NSF Class 1 chlorine reduction values
4. Values from field operations in glycol regeneration application

**ORDERING INFORMATION**



**LEADING TECHNOLOGY**

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