

INDUSTRIAL OAC PLUS OIL ADSORBING CARTRIDGES



The Industrial[§] OAC Plus Oil Adsorbing Filter Cartridge removes high amounts of dissolved, dispersed and emulsified hydrocarbons from water. The proprietary filter media, which is made using Pentair Fibredyne technology, chemically bonds with hydrocarbons. The OAC Plus can provide up to 8 times the removal efficiency of granular activated carbon filter cartridges.

The OAC Plus Oil Adsorbing Filter Cartridge typically reduces hydrocarbon contamination up to 95% in a single pass. Lower outlet levels of hydrocarbons can be achieved by connecting cartridges in series.

FEATURES/BENEFITS

Removes dissolved and dispersed oils Media can hold up to 340 percent of its own weight, with no release of removed hydrocarbons

Instantaneous adsorption – up to 95% of total hydrocarbons removed in a single pass

Up to 8 times more efficient than granular activated carbon filters

High flow rates

Low pressure drop

Multiple sizes available for custom applications

APPLICATIONS

Industrial effluent treatment

Boiler feed water

Bilge and ballast water

Desalination plants

Oil and gas facilities Car and truck washes Surface water runoff

(truck stops, airports, parking lots)

CARTRIDGE SPECIFICATIONS

Endcaps Polypropylene
Center core Polypropylene
Outer net Polyethylene

Proprietary Chemical notification

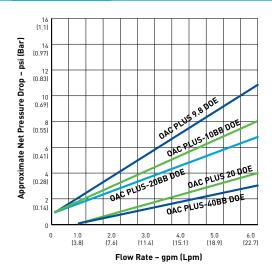
Media Proprietary
Area 18 ft.² (1.7m²)

Temp. rating 180°F (82°C)

Chemical

0 (zero)

| MODEL | MAX. DIMENSIONS | CAP I.D. | CAP O.D. | CASE QTY. |
|-------------------------|--|--------------------------------|------------------|--------------|
| OAC PLUS-9.8T DOE | 2.63" x 9.86" (67 mm x 251 mm) | 1.085" [28 mm] 2.63" [67mm] | | 30 |
| OAC PLUS-10T DOE | 2.63" x 10.08" (67 mm x 256 mm) | 1.085" (28 mm) 2.63" (67mm) | | 30 |
| OAC PLUS-20T DOE | 2.63" x 20.1" (67 mm x 511 mm) | 1.085" (28 mm) | 2.63" (67mm) | 30 |
| OAC PLUS-20BB DOE | 4.63" x 20.1" (118 mm x 511 mm) | 1.13" (29 mm) | 4.63" (118mm) | 6 |
| OAC PLUS-30T DOE | 2.63" x 30.12" (67 mm x 756 mm) | 1.085" (28 mm) | 2.63" (67mm) | 30 |
| OAC PLUS-40T DOE | 2.63" x 40.1" (67 mm x 1019 mm) | 1.085" (28 mm) | 2.63" (67mm) | 12 |
| OAC PLUS-20BB UPC | 4.63" x 20.1" (118 mm x 511 mm) | 1.13" (29 mm) | 4.63" (118mm) | 6 |
| OAC PLUS-30 222 FLAT | 2.74" x 30.5" (70 mm x 775 mm) | 2.74" (70 mm) | | 20 |
| OAC PLUS-40 222 FLAT | 2.74" x 40.5" (70 mm x 1029 mm) | - | 2.74" (70 mm) | 12 |
| OAC PLUS-40 222 FIN | 2.74" x 42.13" (70 mm x 1070 mm) | - | 2.74" (70 mm) | 12 |
| OAC PLUS-40 BB | 4.63" x 40.1" (118 mm x 1019 mm) | 1.13" (29 mm) | 4.63" (118mm) | 4 |



Change-out frequency will depend on the oil burden in the application. Because no appreciable increase in pressure drop is observed during service life, the filter must be changed when its adsorption capacity is exhausted.

PERFORMANCE (AVERAGE OIL REMOVAL*)

| CAP O.D. | 10" | 20" | 30" | 40" |
|----------------|-----------|-----------|-----------|-----------|
| 2.63" (72 mm) | 432 gms | 864 gms | 1,296 gms | 1,728 gms |
| 4.63" (118 mm) | 1,548 gms | 3,096 gms | 4,644 gms | 6,192 gms |

 ${\it Custom configurations available. Please contact customer service.}$

 $NOTE: Operating\ flow\ will\ vary\ based\ on\ applications,\ type\ of\ pollutants,\ flow\ rates\ and\ level\ of\ contamination.$

DISPOSAL: Safe and acceptable method to meet all local and EPA regulations is recommended. End user is responsible for safe disposal of used cartridge at user's cost.

* Based on manufacturer's internal testing.



WATER QUALITY SYSTEMS

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