

INDUSTRIAL OAC PLUS

OIL ADSORBING CARTRIDGES



The 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)

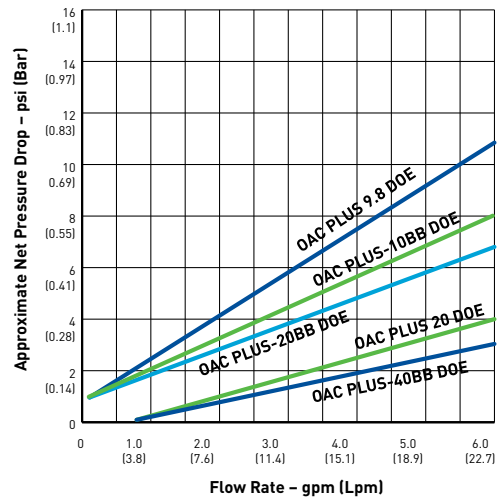
CARTRIDGE SPECIFICATIONS

Endcaps	Polypropylene w/ Santoprene gasket	Area	18 ft. ² (1.7m ²)
Center core	Polypropylene	Temp. rating	180°F (82°C)
Outer net	Polyethylene	Chemical notification	0 (zero)
Media	Proprietary		

CARTRIDGE SPECIFICATIONS

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)	5

PRESSURE DROP VS. FLOW RATE



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

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.



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