HIGH Efficency Coalescing Cartridges series CSPHE

Multiple layers composite with pre-filter & coalescing media

In air or gas critical application services, FILTERS CSPHE coalescing cartridge is the solution that combines the high efficiency removal performance of oil-hydrocarbons or water droplets with precence of solids particulate in the stream.
A not wettable composite polymeric layers ensures three stages of treatment. A pre-filter is dedicated to capture solids particulate before the stream reaches the second media, where the coalescing process allows the small droplets to became larger so that, during passing into the third layer, these are drained to the bottom of the filter by mean gravity and the stream velocity.

CORELESS CONSTRUCTION OPTION

All synthetic construction option enables easy disposability for environment benefits. Internal or External metal core is welded to the vessel (FILTERS' s fabricated).

CONSTRUCTION MATERIALS

▪ Media:	Microfiber-Polymeric
▪ End caps:	Nylon or Polypropylene
▪ Gaskets:	Viton or Nitrile ORING
▪ Intermediate Core if any:	CS. Znt or SS on request

TECHNICAL FEATURES

▪ Flow direction:	both choise – see details
▪ Change-out:	0.7 - 1 bar (Differ. pressure)
▪ Max Oper. Temp.:	90°C Polypropylene caps 140°C Nylon caps
▪ Absolute Removal Eff.:	different range from 0.3 um up to 5 um eff.100% (liquids & solids) see detail
▪ Collapse strength:	2 bar
▪ Seal type:	radial or flat see detail

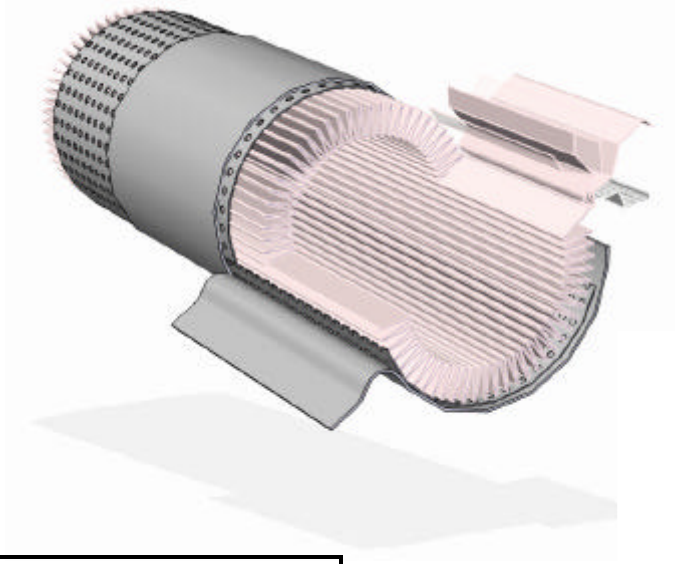
HEAD OFFICE:
10060 Scalenghe (TO) ITALY
Tel. (+39) 011-9866231
Fax. (+39) 011-9866210
Regione Bottegne, 28

REGISTERED OFFICE:
10121 TORINO
Cap. Sociale 520.000,00€
C.C.I.A.A. Torino 738615
C.F./IVA 05826680018
C.so Vinzaglio, 12 bis

PRODUCTION FACILITIES:
-Via Circonvallazione, 28 – 10060 BURIASCO (TO)
-S.Statale 23 Km 28.5 Fraz. Viotto – 10060 Scalenghe (TO)
-Regione Bottegne, 28 – 10060 Scalenghe

WEB ADDRESS:
URL: http://www.filters.it
e-mail: sales@filters.it

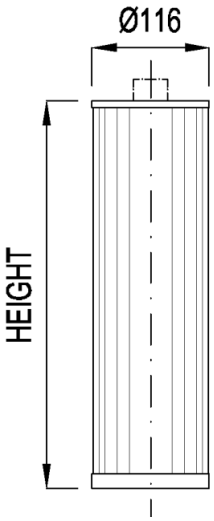
FILTERS®



ORDERING CODE

CSPHE R 1 / 24 P N H

Where:



6th Digit	Flow Direction & Construction
R	Inside to outside with core
E	Outside to inside with core
W	Without Core Inside to outside
X	Without Core Outside to insiside

7th Digit	END CAP CONFIGURATION
1	ONE END CAP CLOSED
2	TWO END CAP OPEN with O-RING SEAL

8th and 9th Digit	HEIGHT
12	12 inch (304 mm)
24	24 inch (609 mm)
36	36 inch (914 mm)

10th Digit	END CAP- CORE MATERIALS (if any)
B	PA66 (NYLON) - CARBON STEEL Znt
P	PP (Polypropylene) - CARBON STEEL Znt

11th Digit	GASKET MATERIAL S & TYPE
N	NITRILE Flat
V	VITON Flat
B	NITRILE Radial
F	VITON Radial

12th Digit	EFFICIENCY
H	0.3 µm Efficiency 100%
K	0.5 µm Efficiency 100%
V	3 µm Efficiency 100%
W	5 µm Efficiency 100%

END CAP CLOSE
OPEN END CAPS