CPAC SERIES / ADSORPTION AND DECOLORIZATION

Pleated Activated Carbon Filter Cartridges

PARSWOOD CPAC cartridges use carbon-impregnated cellulose media in a pleated format for adsorptive and decolorizing filtration of compatible process liquids.

Polypropylene support, cage, core and end caps provide the cartridge structure. A 5 µm filtration rating is combined with activated carbon adsorption. Select the length, connection and seal for the installed housing and process.



FEATURES	TYPICAL APPLICATIONS
Pleated carbon-cellulose media	Decolorization of compatible organic solvents
Polypropylene structural components	Sugar, starch, vitamin and amino-acid solutions
Five lengths and five end-cap options	Pharmaceutical process liquids
Silicone, EPDM or FKM seals	Fine chemicals and pesticide intermediates

MATERIALS AND DIMENSIONS

COMPONENT / PROPERTY	SPECIFICATION
Media	Carbon-impregnated cellulose
Support / cage / core / end caps	Polypropylene (PP)
Seals	Silicone, EPDM or FKM
Outside diameter	69 mm (approximately 2.72 inches)
Nominal cartridge lengths	5, 10, 20, 30 and 40 inches

Application performance depends on the liquid, contaminant loading and contact conditions. Consult PARSWOOD for selection and application support.

Configuration and Technical Reference

OPERATING PARAMETER	SPECIFICATION
Filtration rating	5 µm
Maximum operating temperature	60°C (140°F)
pH range	1-13
Maximum differential pressure at 20°C (68°F)	4 bar (58 psi)
Maximum differential pressure at 60°C (140°F)	1 bar (approximately 15 psi)

PARSWOOD ORDERING GUIDE

CPAC30C7S = CPAC series + 30-inch length + 226/Fin + Silicone

FIELD	CODE AND SELECTION
Series	CPAC = Pleated activated carbon cellulose
Length	5 = 5 in; 10 = 10 in; 20 = 20 in; 30 = 30 in; 40 = 40 in
End cap	Blank = DOE (double open end) C2 = 226/Flat; C3 = 222/Flat C7 = 226/Fin; C8 = 222/Fin
Seal material	S = Silicone; E = EPDM; V = FKM

Part number = CPAC + length + end-cap code + seal code. No hyphens are used. For DOE, omit the end-cap code: CPAC20E specifies a 20-inch DOE cartridge with EPDM seals.

TECHNICAL NOTICE

Evaluate cartridge fit, chemical compatibility, operating conditions and adsorption performance for your application. The 5 µm rating describes filtration; adsorption capacity and service life depend on the process. Contact PARSWOOD for consultation and selection support.