



CAA Series 5 Coalescer Cartridges

FOR MAXIMUM WATER COALESCING EFFICIENCY AND SOLIDS HOLDING CAPACITY.

PecoFacet CAA Series 5 coalescer cartridges offer the finest performance available. This standard line of high flow coalescer cartridges removes ultra-fine solids and enhances separation of water from jet fuel.

The PecoFacet coalescer separator housings equipped with CAA Series 5 coalescer and companion separator cartridges have been tested and fully qualified to meet the performance requirements of API Bulletin 1581, 5th Edition Category "C" Type "S". Vessels to this specification are suitable for being used with commercial fuel where significant levels of water and dirt are present.

Built for balanced fluid flow-thru and structural strength, each CAA series 5 coalescer cartridge is a single-piece construction of various combined media, precisely arranged in many layers and pleats, wrapped around a treated, perforated metal shell — all encased in an outer sock material. All cartridges are 6" (152mm) outside diameter, the standard model has an inside diameter of 3 1/2" (89mm). However, alternative models are available with internal diameters of 50 mm and 65 mm to fit other installations. Cartridge lengths are standard and interchangeable, nominal lengths being in increments from 11 1/4" (286mm) to 56 1/4" (1430mm).

The CAA Series 5 coalescer cartridges are available in two mounting styles: self-centering rod mount and screw base. The rod mount style has treated metal end caps, while the screw base ends are injection molded, glass filled nylon. The screw base material offers superior strength and ease of maintenance — uniform threads, no shrinkage, no galling and no gasket to recover.

A permanently affixed Buna-N gasket seals against the V-type knife edge mounting adaptor to provide a positive seal. It must not be separated from the cartridge during installation or change out.

STANDARD DESIGN FEATURES

- Tested and qualified to the 5th Edition of API 1581, Category "C" Type "S"
- Multi-layered media for increased solids holding capacity
- Ultra-fine solids removal
- Maximum water coalescence
- Balanced cartridge flow characteristics
- Recommended maximum operating temperature: 240°F (115°C)
- Withstand in excess of 75 psi (517 kPa) differential pressure
- pH range from 5 to 9
- Choice of self-centering rod or screw base coalescer cartridge mounting styles
- Flow direction: Inside to out

MATERIALS

- All metal components are treated against corrosion
- Screw base ends are injection molded, glass-filled nylon with locked-in gaskets
- Buna-N gaskets
- Other gasket, adhesive and metal materials are available on request

MODEL	END CAP	MOUNTING STYLE	NOMINAL LENGTH	
			inches	mm
CAA11-5	Treated Metal	Rod	11 ¼	285
CAA14-5	Treated Metal	Rod	14 ½	370
CAA14-5SB	Injection Molded Nylon	Screw Base	15	380
CAA22-5	Treated Metal	Rod	22 ¼	565
CAA22-5SB	Injection Molded Nylon	Screw Base	23	585
CAA28-5	Treated Metal	Rod	28 ¾	730
CAA28-5SB	Injection Molded Nylon	Screw Base	29	735
CAA33-5	Treated Metal	Rod	33 ¼	845
CAA33-5SB	Injection Molded Nylon	Screw Base	34	865
CAA38-5	Treated Metal	Rod	38	965
CAA38-5SB	Injection Molded Nylon	Screw Base	39	990
CAA43-5	Treated Metal	Rod	43 ¼	1100
CAA43-5SB	Injection Molded Nylon	Screw Base	45	1145
CAA56-5	Treated Metal	Rod	56 ¼	1430
CAA56-5SB	Injection Molded Nylon	Screw Base	57	1450

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Due to our continuing program of product improvement, specifications are subject to change without notice. All dimensions are for guidance only, please contact Head Office for confirmation.

Cartridges

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