



**FOR MAXIMUM WATER COALESCING EFFICIENCY  
AND SOLIDS HOLDING CAPACITY**

Facet 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 Facet 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, Fifth Edition, Category C, Type S.

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 center tube—all encased in an outer sock material. All are 6" OD (152 mm) by 3½" ID (89 mm) and available in standard interchangeable nominal lengths in increments from 11¼" (290 mm) to 57¼" (1450 mm).

The CAA Series 5 coalescer cartridges are available in two cartridge 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. This 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 will not separate from the cartridge during installation or change out.

**STANDARD DESIGN FEATURES**

- Tested and qualified to the Fifth Edition of API Bulletin 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)
- Withstands 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

**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 materials are available on request

*Due to our continuing program of improvement, specifications are subject to change without notice.*

### DATA

| MODEL NUMBER | NOMINAL LENGTH (IN) | NOMINAL LENGTH (MM) | OUTSIDE DIAMETER OD (IN) | INSIDE DIAMETER ID (IN) | MOUNTING STYLE |
|--------------|---------------------|---------------------|--------------------------|-------------------------|----------------|
| CAA11-5      | 11¼                 | 290                 | 6                        | 3½                      | Rod            |
| CAA14-5      | 14½                 | 370                 | 6                        | 3½                      | Rod            |
| CAA14-5SB    | 15                  | 380                 | 6                        | 3½                      | Screw Base     |
| CAA22-5      | 22¼                 | 560                 | 6                        | 3½                      | Rod            |
| CAA22-5SB    | 23                  | 580                 | 6                        | 3½                      | Screw Base     |
| CAA28-5      | 28¾                 | 730                 | 6                        | 3½                      | Rod            |
| CAA28-5SB    | 29                  | 740                 | 6                        | 3½                      | Screw Base     |
| CAA33-5      | 33¼                 | 840                 | 6                        | 3½                      | Rod            |
| CAA33-5SB    | 34                  | 860                 | 6                        | 3½                      | Screw Base     |
| CAA38-5      | 38                  | 960                 | 6                        | 3½                      | Rod            |
| CAA38-5SB    | 39                  | 990                 | 6                        | 3½                      | Screw Base     |
| CAA43-5      | 43¼                 | 1100                | 6                        | 3½                      | Rod            |
| CAA43-5SB    | 45                  | 1140                | 6                        | 3½                      | Screw Base     |
| CAA56-5      | 57¼                 | 1450                | 6                        | 3½                      | Rod            |
| CAA56-5SB    | 57                  | 1450                | 6                        | 3½                      | Screw Base     |

**NOTE:** The Facet screw base adaptor part number is 677453-AM.

All rod mount cartridges are made with treated metal endcap material.

All screw base cartridges are made with an injection molded nylon endcap material.

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