

## API Coalescer Cartridges

### Applications

API-qualified coalescers are required in the jet's fuel supply and delivery system.

Racor Hydrocarbon Vessels – equipped with API Coalescer Products (ACP) Series 3 coalescers and companion separator cartridges – have been tested and qualified to API Bulletin, 1581, Third Edition, Group I and II, Classes B and C at 500 gpm.

Racor can supply coalescers and separators in vertical vessels flowing 125 gallons per minute up to 1,000 gallons per minute.

### Products

Racor's API-qualified coalescers feature multi-layered media and a fiberglass coalescing core. This unique combination of medias allows Racor to offer one of the industry's most efficient coalescers available, offering low initial pressure drop and long life. Racor's API coalescers offer up to 50% more media than the competition.

Racor manufactures API coalescer cartridges to fit most industry vessels. Consult factory for cross references, dimensions and cartridge specifications.

### How They Work

Racor Hydrocarbon API Coalescer Cartridges utilize the finest available filtration fiberglass which results in maximum water coalescence. The fiberglass core design results in large, uniform water droplets which will drop immediately to the vessel sump.

The coalescer core combines with multi-layer medias to offer superior coalescence and dirt holding capacity.

### Benefits

- Coreless, Crushable & Incinerable
- No perforated center tube allows 100% utilization of the coalescing media. This eliminates media blinding often found in conventional coalescer designs
- No metal components
- Removes emulsified water and particulates from the jet stream
- Available in standard industry lengths
- Solids removable down to 0.3 micron
- Glass-filled nylon end caps are standard, eliminating corrosion and offering excellent thermal stability
- Maximum differential pressure is 75 PSID
- Maximum operating temperature is 240° F (110° C)
- pH range from 5 to 9
- Buna-N gaskets are standard



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**Map and Directions to Prosep Filters Limited**



Leave M62 at Junction 24.

At roundabout adjacent to Cedar Court Hotel take 2nd exit onto dual carriageway (A629), signposted Halifax.

Take 1st exit slip road.

At roundabout at end of sliproad, take 3rd exit off.

This is the entrance to Lowfields Business Park.

Proceed straight over 1st roundabout.

At next roundabout take 2nd exit onto River Bank Way - Prosep Filters can be found on the left after the S-bend.

[Link to Google Maps](#)