

NAPHTHA COALESCER

OPTIMIZED FOR LIGHT NAPHTHA OR HEAVY NAPHTHA

Velcon Process' high performance Naphtha Coalescer is designed to remove water from light naphtha or heavy naphtha. Chemflo's proprietary Nylon 66 coalescing media is designed specifically for naphthas, aromatics and hydrocarbon solvents. Because naphthas contain higher ratios of aromatics and may be treated with caustics, common materials of construction used in coalescing elements often are not compatible with naphtha.

Use:

- Removal of Water from Naphtha and other hydrocarbons
- Protection of Catalysts from Water Contamination
- Removal of Carried-over Caustic

Applications:

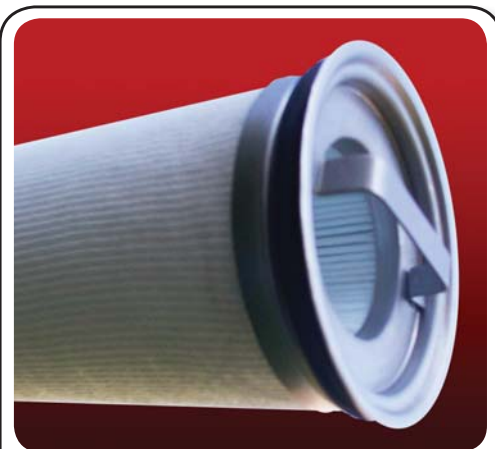
- Light Straight-Run Naphtha
- Heavy Straight-Run Naphtha
- Condensate, Reformate
- Light Catalytic Cracked Naphtha (LCN)
- Production of Gasoline, Jet Fuel, Ethylene, Propylene

Performance

- Removes Aerosol Sized Droplets and Particulate Down to 0.3 µm
- Water Removal Efficiency: 99% to 99.9%
- 100% Removal of Solids and Liquids Larger Than 4µm or 18µm

Specifications:

- Maximum Temperature:** 200 °F
- Micron Ratings:** 4µm and 8µm
- Length:** 20.5 and 40.5 in., nominal
- Outside Diameter:** 3.75 in. (4.25 in. Flange)
- Core:** Stainless Steel
- Recommended Changeout:** 12.5 psid
- Inlet Water Concentration:** up to 3% water (30,000 ppm)
- End Caps:** Stainless Steel "LC Style" Single Open End, External O-Ring Configuration
- Pleated Coalescing Media:** Nylon 66 or Epoxy-Binder Microfiberglass Combined with Nylon 66 Media



LC4-020SVSS
(SHOWN WITH SEPARATOR CF2F1H)

Part Numbers:

LC4-040SVSS (40.5" 4.0 µm)
LC4-020SVSS (20.5" 4.0 µm)

LC 1840SVSS 4(40.5" 18 µm)
LC1820SVSS (20.5" 18 µm)

Performance and specifications have been calculated in a laboratory environment, which may not represent actual field results.
Please call your Velcon Process representative to optimize a coalescer for your specification application.