

## LVHCD Series

High Flow | Low Viscosity Housing Coalescer  
150 psi • up to 211-476 gpm



Model no. of filter in photograph is: LVHCD440NVBTFZZA

### Features

- Excellent filtration performance in a single pass
- Low pressure loss due to innovative element technology
- Easy to service thanks to intelligent element design
- The Low Viscosity-Housing Coalescer LVH-C is mainly used for dewatering of diesel, making it especially suitable for applications with large amounts of water that need to be removed in just a single pass
- The Optimicron® filter elements used ensure that both the required cleanliness and long service life are achieved.
- Available in various sizes, the filters can be optimally integrated into new or existing systems.
- The filters are designed according to the ASME Code Section VIII rules and regulations for pressure vessels as well as the ability to certify to other global standards upon request.

### Applications

- Point of use fuel dispensing
- Fleet fill/bulk fuel transfer
- Bulk fuel unloading
- Protection for high-flow fuel injection systems
- Bulk tank kidney loop/recirculation

### Markets

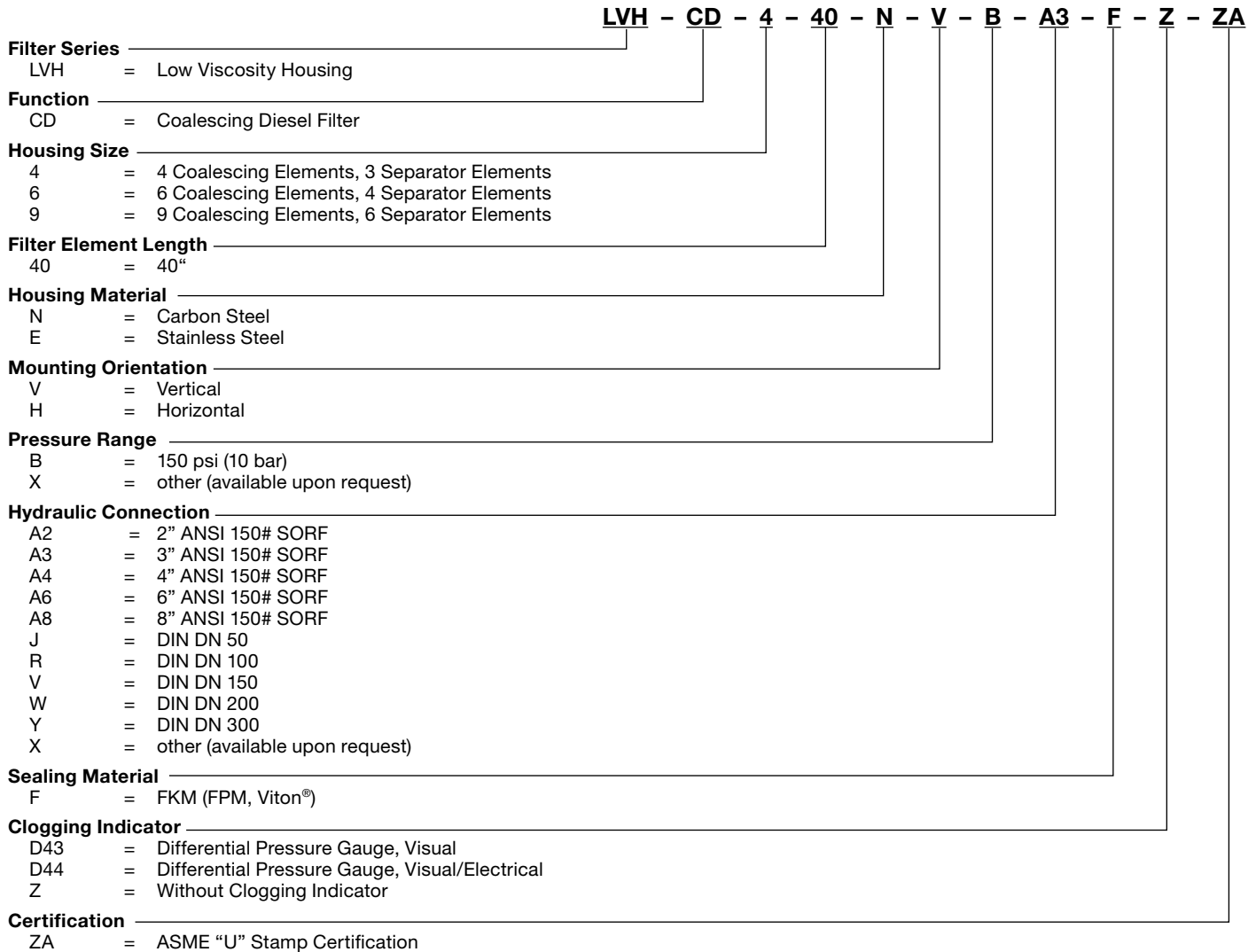
- Industrial
- Bulk Fuel Filtration
- Marine
- Mining Technology
- Agriculture
- Power Generation

### Technical Specifications

Flow Rating	211-476 gpm (799-1802 L/min)
Inlet/Outlet Connection	ANSI 150#: 2"-12" DIN: DN50-DN300
Max. Operating Pressure	150 psi (10 bar)
Max. Ambient Temperature	122°F (50°C)
Max. Operating Temperature	122°F (50°C)
Material Housing	Stainless Steel or Carbon Steel

# COALESCING FILTRATION

## Model Code

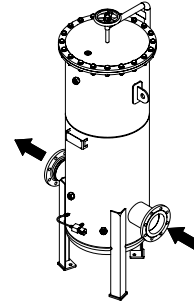
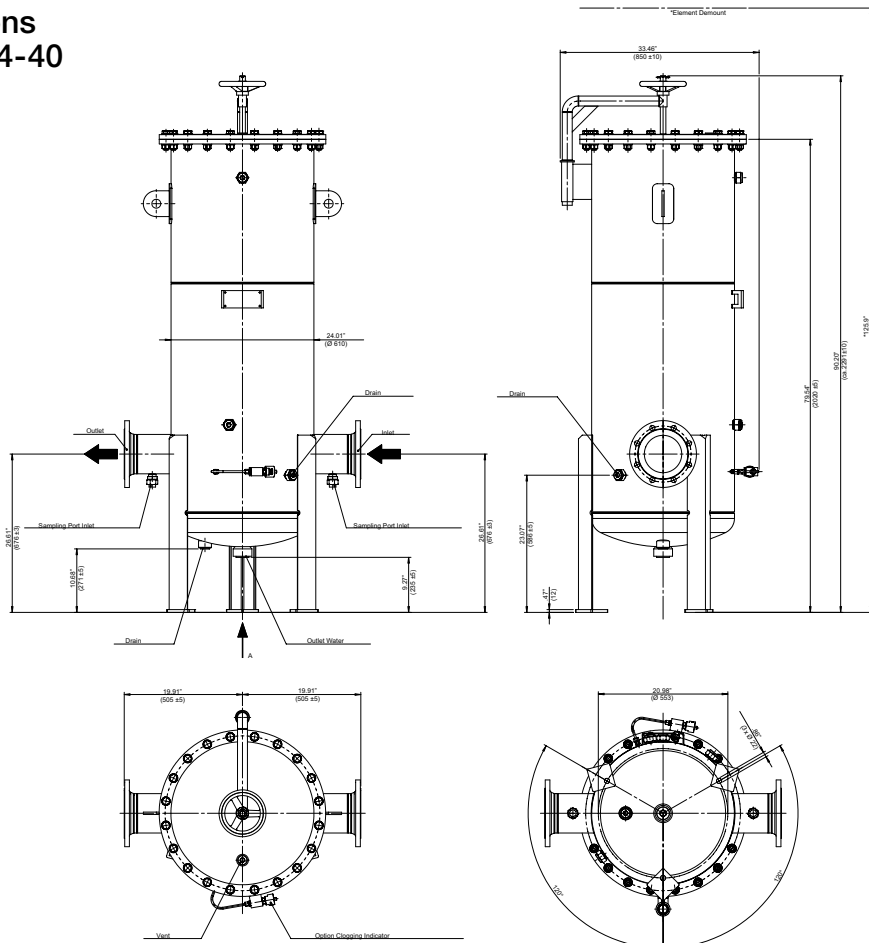


Notes: Filter elements must be ordered separately and installed before initial operation on site

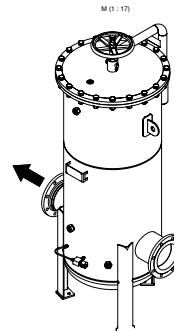
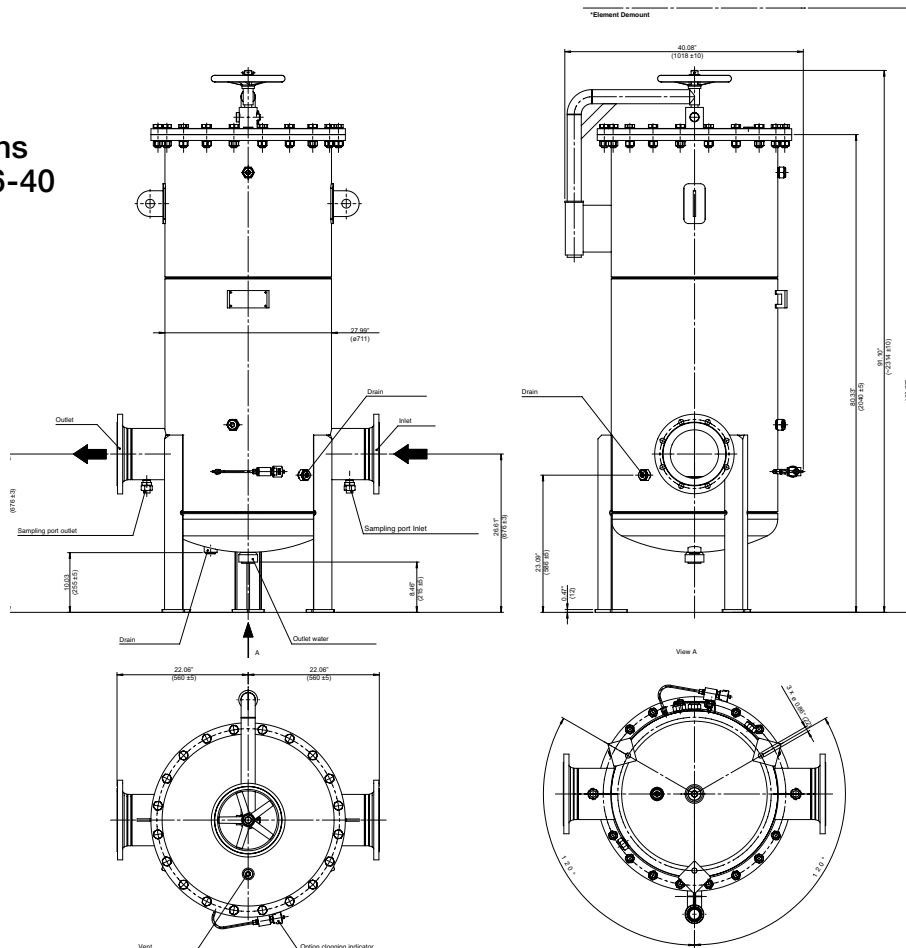
## Fuel Oils

- ULSD15, low sulfur diesel and high sulfur diesel
- Biodiesel blends
- Synthetic diesel and blends
- No. 2 fuel oil and heating oil

## Dimensions LVH-CD-4-40



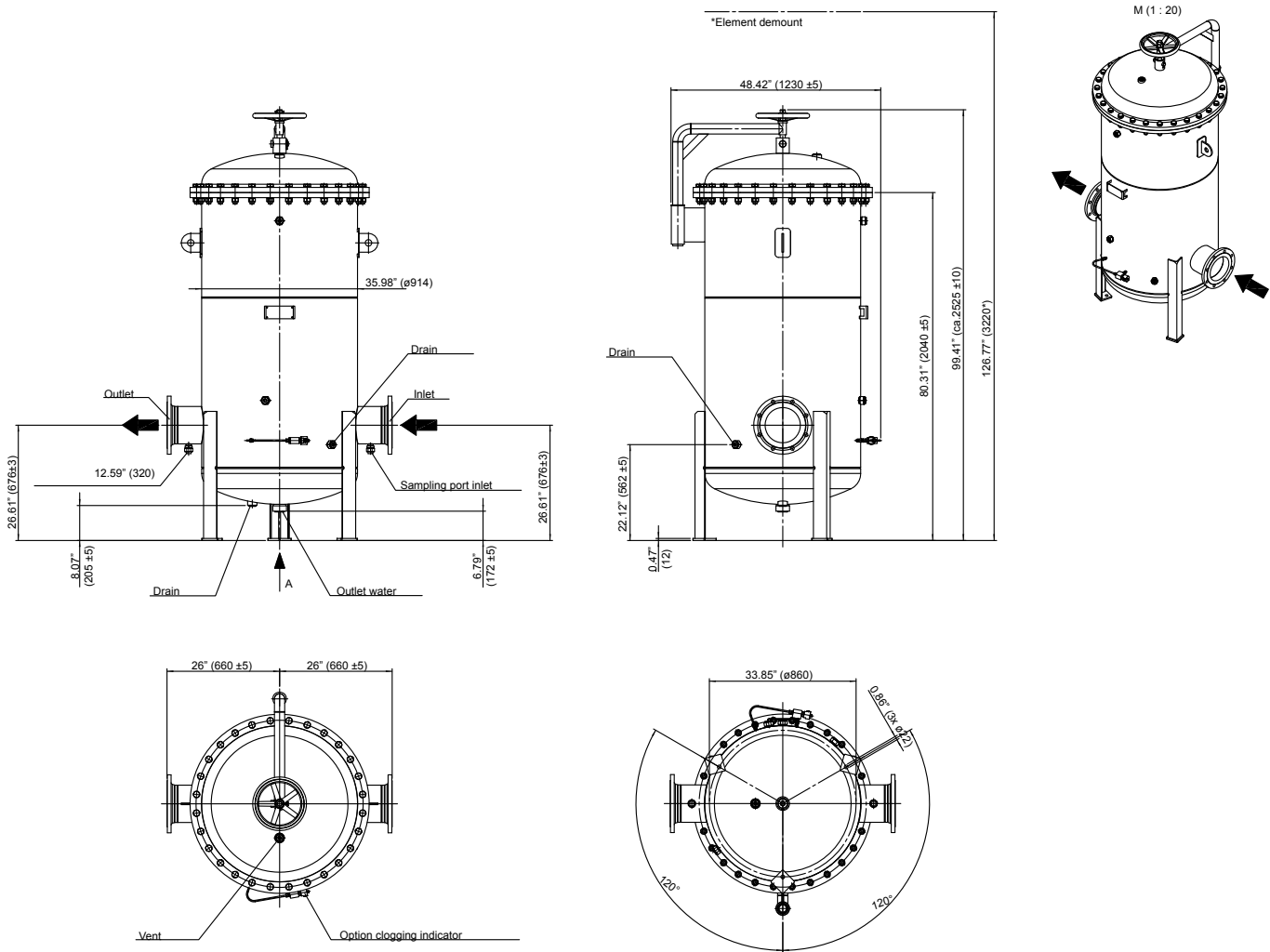
## Dimensions LVH-CD-6-40



Dimensions shown are inches (millimeters) and for general information only. For complete dimensions please contact HYDAC to request a certified print.

# COALESCING FILTRATION

## Dimensions LVH-CD-9-40



## Filter Calculation

Filter Size (Model)	Maximum Flow Rate	Number of Coalescing Elements	Number of Separator Elements
LVH-CD-4 40	211 gpm	4 pc.	3 pcs.
LVH-CD-6 40	317 gpm	6 pcs.	4 pcs.
LVH-CD-9 40	476 gpm	9 pcs.	6 pcs.

## Filter Element Selection

Element	Model Code	Part No.
Separation Element 30"	N32ON-DSZ-SA80F	3910259
Coalescing Element 40"	N42ON-DCZ-CA60F	3910257

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