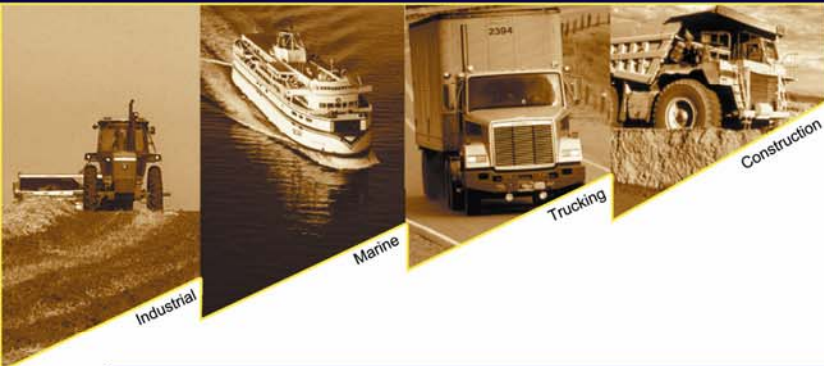


The Diesel Protectors

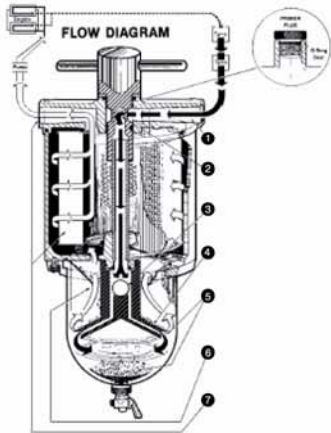
DAHL DIESEL FUEL FILTER/WATER SEPARATORS



DAHL Diesel Fuel Filter/Water Separators



How The DAHL System Works



1. The contaminated fuel enters the inlet port.
2. The T-Bolt redirects the fuel downwards through the center pipe.
3. Fuel flow through the reverse flow valve.
4. Fuel Flow is spread by the depressurizer cone.
5. As fuel is discharged from the depressurizer cone, 80% of contaminant separation takes place. Most of the solid particles and water settle into the quiet zone of the bowl.
6. As the fuel rises upward, remaining minute water droplets coalesce on cone, baffle and bowl surfaces. Droplet size and weight gradually increase causing downward flow into sump.
7. Fuel is filtered completely by the element, which contains HydroShield™ media. The clean fuel then continues upward through the outlet.

How To Select The Right DAHL Filter

Choose the size which can accommodate the flow rate recommended in the chart. (Maximum flow rate listed is for convenience in comparing with other systems only.) For most efficient separation and filtration, select from the recommended column.

Flow Rates GPH (U.S.)

Model Series	Recommended	Maximum	Sump Capacity
65 & 75	20	30	4 oz.
100	40	65	8 oz.
100 Double	80	130	16 oz.
150	80	100	8 oz.
150 Double	160	200	16 oz.
200	120	200	24 oz.
200 Double	240	400	48 oz.
300	180	325	24 oz.
300 Double	360	650	48 oz.
300 Triple	540	975	72 oz.
500	1800	1920	11 Gallons
500 Double	3600	3840	22 Gallons
All Multiple Units	Multiply Flow Rate and Sump Capacity by Number of Units		

Flow Rates in Gallons Per Hour (GPH)

(The chart is for Fuel/Water Separators. Recyclers and Recycler/Blenders are limited by the pump. For example, a single 300 recycler unit has a flow rate limited to 180 GPH (U.S.), and a double 300 recycler unit has a flow rate limited to 300 GPH.)

A sampling of the many DAHL applications



MODEL 100-AL
Diesel Fuel
Filter/Water Separator
with Aluminum Bowl



MODEL 150
Diesel Fuel
Filter/Water
Separator



MODEL 200-MMV
Double Marine Manifold Diesel Fuel Filter/Water Separator
with Shut-Off Valves for Continuous Operation



MODEL 300-MFV3
Triple Manifold Diesel Fuel/Water Separator
with Shut-Off Valves for Continuous Operation

Models come in Single, Marine and Manifold versions, for further information please refer DAHL product catalog



U.L. Listed and U.S. Coast Guard Accepted for Marine Applications



The Complete Works !!

Technical Resources Est.

P. O. Box: 23360 Dubai, U.A.E.

Tel: +971 4 3476646 Fax: +971 4 3402454

Abu Dhabi Tel: +971 2 5513316 Fax: +971 2 5513317

Email: sales@techres-uae.com Website: www.techres-uae.com

