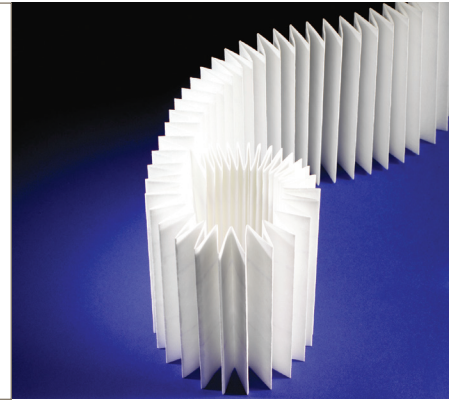


# Turbine Series

## Long Life High Performance Elements



Racor Filter Division Europe have developed a new long life, high performance Turbine Filter element to meet the demands of the ever changing fuel filtration challenges in the market. Racor are the premium supplier of heavy duty pre-filter water separators to the market for over 45 years and have used this expertise to design and manufacture the new long life high performance Turbine Series elements.

The new Turbine elements are available for all sizes (500, 900 and 1000) of industrial (FH) and Marine (MA) Turbine series housings.

## Applications

Marine and GenSet markets for primary fuel delivery or fuel polishing and recycling.

## Product Features

- Holds up to 85% more contaminant (by mass) before blocking, whilst removing more water more robustly in lower quality fuels
- 10 Micron Aquabloc III element manufactured in composite synthetic media with a fine micro fibre melt blown separation layer
- Improved performance in bio blends and additivised low inter facial tension (IFT) fuels.
- Increased particle separation efficiency, equaling common competitor 7 micron products

## Product Benefits

- Increased particle efficiency - up to 99.9%
- 30% increase in service life when compared to standard Turbine elements
- Less downtime, reduced operating costs
- Lower differential pressure means that there is a reduced chance of pump cavitation and increased reliability
- No direct high performance alternative from competitor channels
- Direct interchange with current Turbine series elements

\* Part numbering and specification over the page.

Turbine Series TL - Long Life High Performance Media

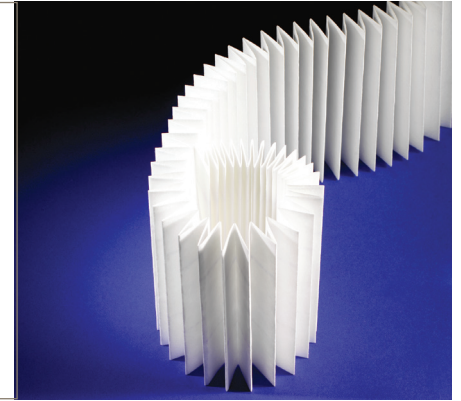
Aquabloc® media is a blend of high-grade cellulose compounded with engineered fibers, and a special chemical treatment.

Water will not cling to the filter, Aquabloc® repels it.



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Long Life High Performance Elements



## Part numbering and specification:



2020	TM	-OR
Select Filter <b>2010</b> (500 Series), <b>2040</b> (900 Series), or <b>2020</b> (1000 Series)	Select a Micron Rating <b>SM = 2,</b> <b>TM = 10,</b> or <b>PM = 30</b> <b>TL = Long life</b>	Must have " <b>-OR</b> " in part number (includes o-rings)



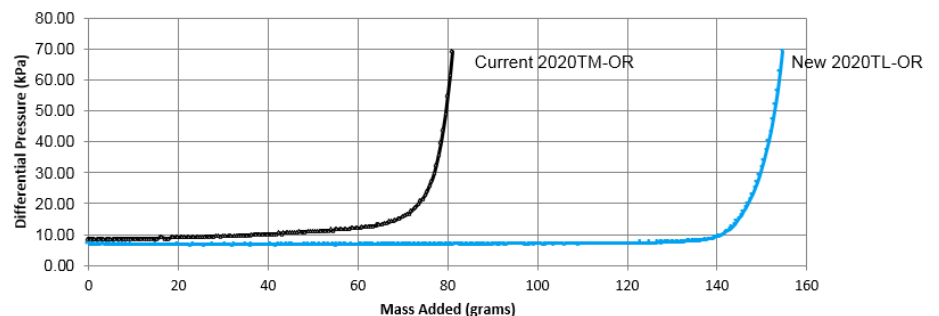
FG = Industrial MA= Marine	500FG 500MA	900FH 900MA	1000FG 1000MA
Standard Life	2010TM-OR	2040TM-OR	2020TM-OR
Long Life (TL)	2010TL-OR	2040TL-OR	2020TL-OR

The graph shows that the new TL media used in the Turbine Series elements has decreased differential pressure over time when compared to the standard Turbine elements.

This means that due to the decreased differential pressure it takes longer to block the element and life time is extended.

Dirt Holding Capacity ISO4020

Terminal Differential Pressure of 50kPa



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