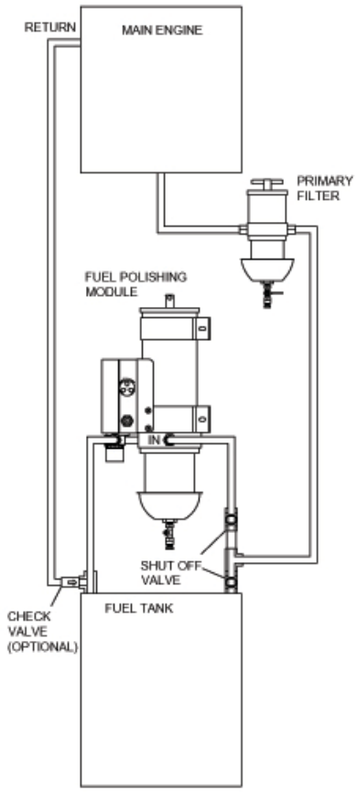
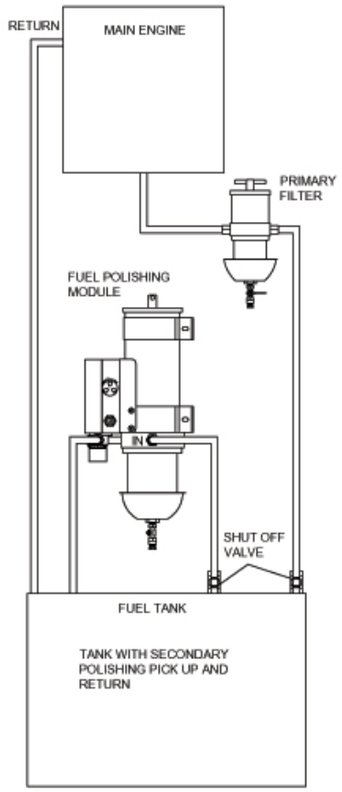
## SINGLE TANK - FPM SHARING FUEL SYSTEM WITH ENGINE




## SINGLE TANK - FPM USING IT'S OWN FUEL PICK UP AND RETURN




***Call us to discuss your needs 1-800-336-0315***

FilterBOSS
by KTI SYSTEMS INC.

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FilterBOSS
Complete Fuel System Protection

# FUEL POLISHING MODULE

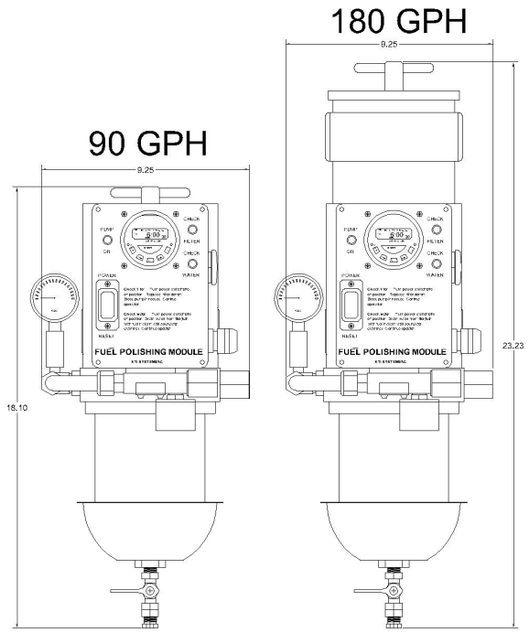
The FilterBOSS Fuel Polishing Modules (**FPM**) are designed to fit into tight engine compartments and other small onboard spaces. These new models have such a small footprint that many boat owners will now be able to install a filtration system into spaces where traditional units would have never fit before. This allows them to take advantage of KTI's advanced onboard fuel polishing to eliminate fuel contamination, the number one cause of engine problems.

FPM-180A

The new FilterBOSS FPM models provide the same filtration performance as the larger units, in a smaller footprint. The programmable FPM-A models are available in either 90 or 180 GPH (gallons per hour) capacities and include an automatic shut-off feature that detects filter clogs or water in the filter to stop the filtration process before it contaminates the remaining fuel supply. Fully programmable using a seven-day timer, they can be set up to scrub all onboard fuel on a scheduled basis to ensure it is clear of water and other contaminants at all times. FPM manual models are available in 60, 90 and 180 GPH capacities. Manual models are simplified units that are operated at will.

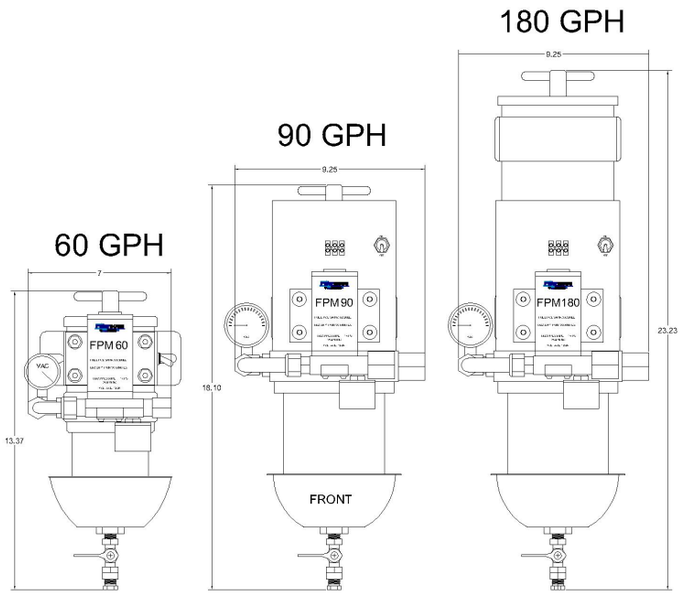
Both models use reliable Racor marine filters, which are specifically designed for the harsh marine environment and readily available when replacement filters are needed. Both are available for either 12 or 24 volt electric systems and are easily installed, requiring only minimal routine maintenance.

FPM-90A




## *FPM Automatic Models*

| SPECIFICATIONS | FPM-90A | FPM-180A |
|---|---|---|
| MAX FLOW RATE | 90 GPH (341 LPH) | 180 GPH (681 LPH) |
| FILTER | RACOR 900 | RACOR 1000 |
| WATER REMOVAL | 99% | 99% |
| REPLACEMENT ELEMENTS | 2,10,30 | 2,10,30 |
| WEIGHT | 13 LBS | 16 LBS |
| SIZE | COMPACT- H 18" x W 8.5" x D 9.8" | COMPACT- H 23.25" x W 8.5" x D 9.8" |
| VOLTAGE - AMPS | 12/24V - 10/5 AMP | 12/24V - 10/5 AMP |
| TIMER | DIGITAL 7 Day | DIGITAL 7 Day |
| WARNINGS | WATER DETECTION | WATER DETECTION |
| | CLOGGED FILTER | CLOGGED FILTER |
| AUTO SHUTDOWN | STANDARD | STANDARD |
| VACUUM GAGE | STANDARD | STANDARD |
| PUMP | PUMP BRASS HOUSING<br>BRONZE GEARS<br>STAINLESS STEEL SHAFT<br>VITON SEALS<br>POWDER COATED<br>DC PERMANENT MAGNET | PUMP BRASS HOUSING<br>BRONZE GEARS<br>STAINLESS STEEL SHAFT<br>VITON SEALS<br>POWDER COATED<br>DC PERMANENT MAGNET |
| PORTS | INLET ½" NPT FEMALE<br>OUTLET ½" NPT MALE | INLET ½" NPT FEMALE<br>OUTLET ½" NPT MALE |




FPM-180

The ***FPM Manual Models*** include 60, 90 and 180 GPH capacity models that offer complete fuel polishing benefits without the programmable or auto shut-off features.

| SPECIFICATIONS | FPM-60 | FPM-90 | FPM-180 |
|---|---|---|---|
| MAX FLOW RATE | 60 GPH (227 LPH) | 90 GPH (341 LPH) | 180 GPH (681 LPH) |
| FILTER | RACOR 500 | RACOR 900 | RACOR 1000 |
| WATER REMOVAL | 99% | 99% | 99% |
| REPLACEMENT ELEMENTS | 2,10,30 | 2,10,30 | 2,10,30 |
| WEIGHT | 8 LBS | 13 LBS | 16 LBS |
| SIZE | H 13.37" x W 7" x D 8.25" | H 18" x W 9.25" x D 9.8" | H 23.25" x W 9.25" x D 9.8" |
| VOLTAGE/AMPS | 12/24V<br>10/5 AMP | 12/24V<br>10/5 AMP | 12/24V 10/5 AMP |
| TIMER | N/A | N/A | N/A |
| WARNINGS | N/A | N/A | N/A |
| | | | |
| AUTO SHUTDOWN | N/A | N/A | N/A |
| VACUUM GAGE | STANDARD | STANDARD | STANDARD |
| PUMP | BRASS HOUSING<br>BRONZE GEARS<br>STAINLESS STEEL SHAFT<br>VITON SEALS<br>POWDER COATED<br>DC PERMANENT MAGNET | BRASS HOUSING<br>BRONZE GEARS<br>STAINLESS STEEL SHAFT<br>VITON SEALS<br>POWDER COATED<br>DC PERMANENT MAGNET | BRASS HOUSING<br>BRONZE GEARS<br>STAINLESS STEEL SHAFT<br>VITON SEALS<br>POWDER COATED<br>DC PERMANENT MAGNET |
| PORTS | INLET 3/8" NPT FEMALE<br>OUTLET 3/8" NPT MALE | INLET ½" NPT FEMALE<br>OUTLET ½" NPT MALE | INLET ½" NPT FEMALE<br>OUTLET ½" NPT MALE |