



Diesel Fuel Doctor

Water Separator / Coalescer RCM Series

Fuel, Water and Sediment Separation without using Filter Elements

RCM Separators efficiently remove water, sludge and sediments that naturally accumulate in tanks.

The **RCM** performs this function **without the use of filter elements that need to be replaced or cleaned**. Simply drain the collected water, sediments and sludge by opening the valve on the bottom of the unit.

RCM separators remove up to 95 percent of solid contaminants (down to approximately 10 microns) and 98 percent visible water, including emulsified water that may be in the fuel.



Model RCM	80-E	400-E	700-M	800-BE	1000-L	1500-P
In & Out Port (NPT)	1/4"	1/2"	3/4"	1"	1"	2"
Flow rate (gpm)	1.8	3.16	7.0	15	40	90
Drain & Top Port (NPT)	1/2"	1/2"	1/2"	1/2"	1/2"	1"
Sensor Port (NPT)	1/8"	1/8"	1/8"	1/8"	1/2"	1/2"
Heating element (Optional)	12V / 6A 24V / 3A	12V / 6A 24V / 3A	12V / 6A 24V / 3A	N/A	N/A	N/A
Height	10.75"	15"	15"	19.5"	30"	49"
Diameter	4.5"	4.5"	4.5"	4.5"	7"	7"
Weight (lbs)	5	11	12.5	13	22	41

RCM Fuel/Water Separators/Coalescer systems are constructed of powder coated high quality steel. They are equipped with a brass fill plug, air purge valve, drain ball valve and stainless steel mounting hardware for the mounting straps. Some models are alternatively offered as base mounted units.

RCM Options:

- Water Sensor Alarm Kit (12V or 24V DC)



Standard type with alarm light and buzzer as well as self test function
OEM type cube relay with alarm light and buzzer plus an additional contact for a customer relay or light

- Heating Element



RCM separators are available in standard design up to 400 GPM flow rate and 4" ports. Please contact us for larger capacity and higher volume applications.

RCM Separator systems remove water and sludge from fuels and oil. **Algae-X Fuel Conditioners** decontaminate, recondition and stabilize fuels and oil, continuously reducing the size of clusters of organic compounds and insipient solids.

The combined RCM / Algae-X Fuel Treatment Systems optimize fuel quality and provide peak engine performance. It cleans the entire fuel system, reconditioning and stabilizing the fuel to prevent clogged filters and extend injector, turbo and engine maintenance intervals.

Algae-X Total Fuel Treatment Systems enhance combustion, reduce carbon deposits, harmful emissions extending the life and maintenance intervals of SCR equipment, catalytic converters and soot filters.

DIESEL FUEL DOCTOR