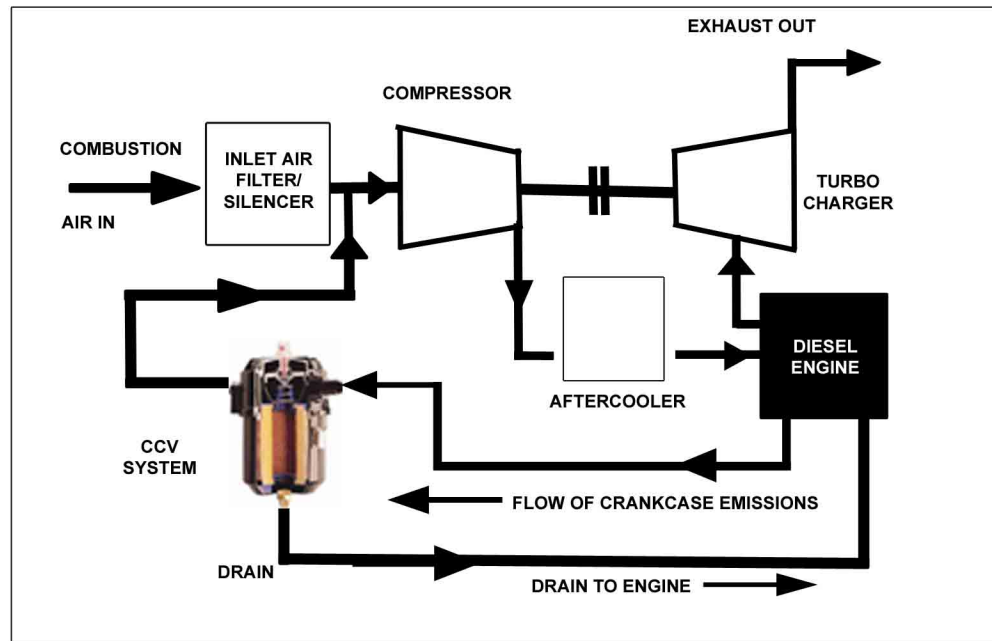


## CCV - CRANKCASE VENTILATION SYSTEM

By closing your engine's crankcase breather system, crankcase emissions can be greatly reduced. Oil contaminated crankcase blow-by is produced when combustion gases under high pressure are blown past the piston rings into the crankcase. As they pass through the crankcase they become contaminated with oil mist. When vented out, this contamination can coat the engine room. In a closed system, the contamination is ingested by the engine intake system. The Racor Crankcase Vent Filter System will remove all the oil from the crankcase emission prior to induction into the engines air intake.



### APPLICATIONS

Turbo charged marine diesel engines can benefit from the installation of a Racor crankcase ventilation system. Applications include pleasure boats, yachts, workboats, fishing vessels and on-board generator sets.

### HOW THE SYSTEM WORKS

The engine crankcase breather is connected to the inlet of the Racor CCV assembly. The CCV outlet is connected to the engine's combustion air inlet via an air intake connector where filter blow-by gas is recycled through the combustion process. Oil collected in the CCV sump is returned to the crankcase through a hose and a drain check valve. An integral hose connection on the housing routes the clean blow-by from the CCV back into the engine.

### FEATURES AND BENEFITS

- High efficiency crankcase ventilation filter with integral pressure regulator and high performance Vapourbloc™ filter change
- Pop up style indicator alerts the operator of a bypass condition and the need for a CCV Vapourbloc™ filter change

The Racor combination crankcase ventilation system:

- Keeps engine compartments and components clean
- Reduces environmental pollution from crankcase emissions