Parker Product Datasheet



Racor Crankcase Ventilation (CCV) System replacement elements utilize high-efficiency Vaporbloc™ media to remove oil contamination from engine bypass gases before they damage critical engine components and surrounding equipment.

PART NUMBER: CCV55222-12-08
FILTER HOUSING SERIES: 12000
FILTRATION RATINGS: High: for Open and Closed Systems
CORE PRODUCT: in EMEA

PRODUCT OVERVIEW

Crankcase blow-by is produced when combustion gases under high pressure are blown past the piston rings into the crankcase. Laden with oil, these gases must be allowed to exit the engine to prevent pressure build-up and seal failure. Blow-by oil mist can also coat engine after-coolers and turbochargers, which reduces cooling capacity and engine efficiency.

Designed for use in Racor CCV system filter housings (1500, 4500, 6000, 8000, 12000), CCV replacement elements utilize depth-loading, micro-glass, fiber coalescing Vaporbloc™ media to remove oil contamination from engine bypass gases before they damage critical engine components and surrounding equipment. The replacement filters offer exceptional oil mist separation and are capable of coalescing vapor and contaminants down to 0.3 microns. The resulting filtered and coalesced oil is held in a hose line with a check valve, until it is released to the oil pan via a hose connection.

CCV replacement elements come available in three different filtration ratings to meet the unique requirements of customers' systems. They include:

High efficiency elements - Used for most open and closed crankcase system applications.

Ultra-high efficiency elements - Used in closed crankcase systems where the engine has higher blow-by and over 5000 hours of run time.

Markets:

• Agriculture
• Construction
• Power Generation
• Oil and Gas
• On- or Off-highway

Applications:

• Diesel Engines

Benefits:

• Prevents fouling of critical engine components, such as turbochargers and after-coolers by removing oil contamination from engine bypass gases.
• Eliminates crankcase emissions and provides a cleaner engine environment
• Reduces operating costs and improves safety in enclosed areas, where oil-laden gas from engines can coat and damage surrounding equipment, resulting in hazardous conditions and the need for costly maintenance.

Features:

• Utilizes depth-loading, micro-glass, fiber coalescing Vaporbloc™ media
• Compatible with various Racor CCV system filter housings (1500, 4500, 6000, 8000, 12000)
• Continuous operating temperature range -40° to 240°F (-40°C to 116°C)
• For optional kits, consult brochure 7790 in the “Product Support” tab

TECH SPECIFICATIONS

PRODUCT SERIES	CCV12000, CCV12001, CV12001
PRODUCT SERIES	Cartridge Crankcase Ventilation

FOR FLUID TYPE	Engine Blowby Gas
DIVISION	Engine Mobile Original Equipment Division
BRAND	Racor