



REAL™ Solution: Closed Crankcase Ventilation Retrofit

CV50638 - For a Cleaner, Safer Environment



REAL Performance.

- OEM Approved / Validated
- Filters up to 99% of oil drip from blow-by
- Filters up to 95% of aerosol vapors from blow-by
- Eliminates 100% of engine compartment fumes
- REAL World tested for over 300,000 miles

REAL Versatility.

- Applies to most diesel engine applications with up to 10L engine displacement (or up to 12ft³/min (340L/min) of crankcase blow-by)
- For certain OEM engines, retrofit kit can be applied to engine applications with up to 15L engine displacement
- Compact design mounts easily in engine compartment

REAL Serviceability.

- Up to 3 times longer service intervals than competition
- Easiest service design on the market with captive screws that remain in the cover during maintenance
- Filter serviceable from top or side
- School buses change CCV coalescing filter once every year or 1500 hours
- Stationary power, transit buses, refuse trucks, and on-highway applications replace CCV coalescing filter every 1000 hours



CV50633*

REAL™ Technology for Better Performance and a Cleaner Environment.

The Fleetguard Closed Crankcase Ventilation (CCV) Retrofit Kit protects the engine and provides the best solution for emissions removal – helping to reduce oil consumption by eliminating mist, aerosol vapors and oil drip in the engine compartment.

Federal/State Retrofit Funding

- Environmental Protection Agency (EPA) Verified
 - Verification applies when used with Cummins Emissions Solutions diesel oxidation catalyst
- Please contact local or federal regulating agencies for info.

CV50638 Kit includes:**

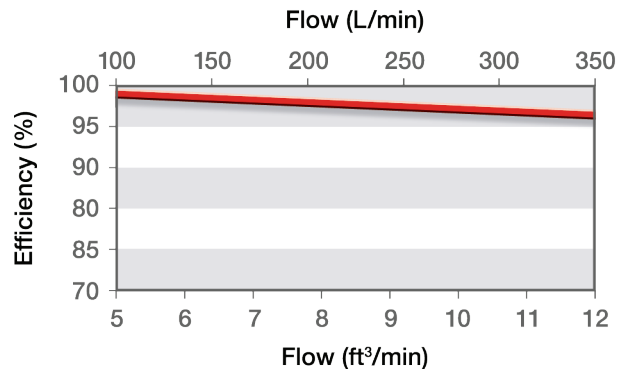
- High efficiency coalescing filter assembly
- Crankcase Depression Regulator (CDR) Valve that regulates pressure between engine crankcase and turbocharger inlet
- CDR Valve bracket
- Oil drain-back to the engine oil sump

** Additional hardware (hoses, clamps, oil drain back fittings, etc.) required to complete installation.

CV50638 CCV Coalescing Filter Assembly Specifications

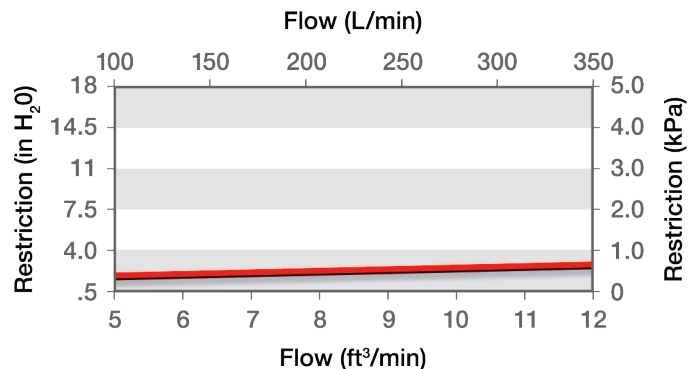
Height (Overall)	13.7" (347.1 mm)
Depth (Overall)	3.4" (87.3 mm)
Width (Max)	11.5" (291.0 mm)
Weight (Dry)	4.52 lbs (2.05 kg)
Nominal Flow Rate	6 ft ³ /min (170 L/min)
Nominal Flow Restriction	0.3 kPa (1.2 in H ₂ O)
Rated Flow Rate	12 ft ³ /min (340 L/min)
*Replacement Filter	CV50633

Filter Efficiency vs Flow



The Fleetguard CCV coalescing filter maintains high efficiencies across the range of the system's blow-by flow capacity

Filter Restriction vs Flow



There is minimal crankcase pressure increase in the engine across the range of the system's blow-by flow capacity



Filtration

For more information, visit us at cumminsfiltration.com

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