


Fuel Vapor Recovery

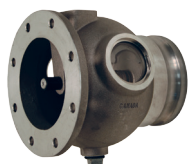
Vapor Return Valves

Standards:	Manufactured to connect to vapor hose couplings
Materials:	Aluminum body and buna seals, nylon ¹ or acrylic ¹ sight glass if equipped
Features & Benefits:	<ul style="list-style-type: none"> • Rugged cast aluminum construction • Variety of tank connections to suit any application, including 4" TTMA flange, 3" and 4" female NPT and 4" female NPS • Air interlock mounting pad. (VR4000 requires 5000AIV, other models can use the 5000AI, 5000AIS or 5000AIST interlock valves) • VR4000 is a bulb design which allows for maximum vapor flow, also features 2 large acrylic sight glasses and a drain plug. • Available with or without poppets. Poppeted versions prevent vapor from escaping from the tanker. • Easy seal replacement while still on the tanker • Biofuel vapor compatible, up to E100 (100% Ethanol) and B20 (20% bio diesel). For detailed fuel compatibility, please refer to the chart shown on page 4. 

¹ Dependent upon part #, see part number list below for more details



VR3100



VR4000



VR4100



VR4100F



VR4100F-SFI

Part #	Adapter Size	Tanker Connection	Inlet Poppet Valve	Sight Glass	Description	Vapor Compatibility
VR3100	4"	3" female NPT	Yes	No	Vapor valve, low profile design	Gasoline and diesel, up to E100 & B20 biofuels Gasoline and diesel, up to E100 & B20 biofuels
VR3100NP	4"	3" female NPT	No	No		
VR4100	4"	4" female NPT	Yes	No		
VR4100NP	4"	4" female NPT	No	No		
VR4100S	4"	4" female NPS	Yes	No		
VR4100NPS	4"	4" female NPS	No	No		
VR4100F	4"	4" TTMA flange	Yes	Yes		
VR4100FNG	4"	4" TTMA flange	Yes	No		
VR4100F-SFI	4"	4" TTMA flange	Yes	Yes		
VR4100F-NGNP	4"	4" TTMA flange	No	No		
VR4000	4"	4" TTMA flange	Yes	Yes	Bulb design for maximum flow (if required use 5000AIV interlock valve)	

See page 98 and 99 for repair kits and replacement parts.

Orange Vapor Caps



VR4050PL



VR4050PLC



VR4050AL

Part #	Description	Vapor Compatibility
VR4050ALT	aluminum vapor recovery adapter cap, color orange, push-pull T handle, Buna gasket	Gasoline and diesel, up to E100 & B20 biofuels
VR4050PL	nylon vapor recovery adapter cap, color orange, push-pull T handle, Buna gasket	
VR4050ALC	aluminum vapor recovery adapter cap, color orange, push-pull T handle, Buna gasket, with chain	
VR4050PLC	nylon vapor recovery adapter cap, color orange, push-pull T handle, Buna gasket, with chain	

See page 97 for repair kits and replacement parts.