

Vapour Return Valves

Standards:

Manufactured to connect to vapour hose couplings

Materials:

Aluminium body and buna seals, nylon * or acrylic * sight glass if equipped

Features & Benefits:

- Rugged cast aluminium 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 vapour flow, also features 2 large acrylic sight glasses and a drain plug.
- Available with or without poppets. Poppeted versions prevent vapour from escaping from the tanker.
- Easy seal replacement while still on the tanker
- Biofuel vapour compatible, up to E100 (100% Ethanol) and B20 (20% bio diesel).

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



VR4000



VR3100



VR4100



VR4100F



VR4100F-SFI

PART NO.	ADAPTER SIZE	TANKER CONNECTION	INLET POPPET VALVE	SIGHT GLASS	DESCRIPTION
VR3100	4"	3" female NPT	Yes	No	Vapour valve, low profile design
VR3100NP	4"	3" female NPT	No	No	Vapour valve, low profile design
VR4100	4"	4" female NPT	Yes	No	Vapour valve, low profile design
VR4100NP	4"	4" female NPT	No	No	Vapour valve, low profile design
VR4100S	4"	4" female NPS	Yes	No	Vapour valve, low profile design
VR4100NPS	4"	4" female NPS	No	No	Vapour valve, low profile design
VR4100F	4"	4" TTMA Flange	Yes	Yes	Vapour valve, low profile design
VR4100FNG	4"	4" TTMA Flange	Yes	No	Vapour valve, low profile design
VR4100F-SFI	4"	4" TTMA Flange	Yes	Yes	Vapour valve, low profile design
VR4100F-NGNP	4"	4" TTMA Flange	No	No	Vapour valve, low profile design
VR4000	4"	4" TTMA Flange	Yes	Yes	Bulb design for maximum flow, (if required use 5000AIV interlock valve)

Vapour Hose Couplings



VR4030CS-AL



VR4040CS-AL

PART NO.	COUPLER SIZE	CONNECTION TYPE & SIZE	POPPET VALVE	PROBE
VRC3000AL	3"	3" hose	No	Yes
VR4030CS-AL ¹	4"	3" hose	Yes	Yes
VR4040CS-AL	4"	4" hose	Yes	Yes
VR4040CS-4MNPT	4"	4" male NPT	Yes	Yes
4020-CVR-AL	4"	2" hose	No	Yes
4030-CVR-AL	4"	3" hose	No	Yes
400-CVR-AL	4"	4" hose	No	Yes
4030-DVR-AL	4"	3" female NPT	No	Yes
400-DVR-AL	4"	4" female NPT	No	Yes
4030-DAVR-AL	4"	3" cam & groove adapter	No	Yes
400-DDVR-AL	4"	4" cam & groove coupler	No	Yes
VR4030CS-NP	4"	3" hose	No	Yes