



EMCARA

EMCARA GAS DEVELOPMENT INC.

Safety Technology for Alternative Fuel Systems

GARTER VENT CAP VC Series

FEATURES

The leading cause of PRD failures remains water and ice damage, despite years of attempts to bring this to light in the industry. As a reliable solution, Emcara has developed a line of stainless-steel spring-loaded Vent Caps.

Emcara Garter Series Vent Caps are the most effective way of preventing water and foreign material from entering a CNG or Hydrogen PRD system. Utilizing stainless steel construction, Emcara Garter Vent Caps are built to last and are resistant to pressure washing and impact. Our Vent Caps are designed to vent gas and reseal, eliminating the possibility of the vent tube and PRD system becoming contaminated, even if a small amount of gas has vented.

VC005 and VC010 are sized for use with Emcara PRDs without reducing the flow rate of the PRD. VC007 is sized for use with Emcara's Badger BAV, without reducing the overall flow rate.

All Vent Caps must be replaced after PRD activation.

Emcara Garter Series Vent Caps are available in convenient configurations:

- VC007: 3/4" tube (available with or without nut & ferrule set).
- VC005: 1/2" tube (available with or without nut & ferrule set).
- VC010: SAE-8 J1926 Port (eliminates the need for fittings & tube).
- VC009: 3/8" tube (available with or without nut & ferrule set).
- VC014: 3/4" NPT Port (eliminates the need for fittings & tube).
- VC015: 3/4" tube (available with or without nut & ferrule set).

PERFORMANCE & GEOMETRY

Retained Pressure: <0.5 bar flow rating: >85 SCFM (PRD1 flow rating) for VC005 and VC010.

Contact Emcara for other devices and if used under different flow conditions.

Resistant To: environmental elements, pressure washing, automotive fluids, handling, impact

Operation: Releases gas and reseals for continued performance. Replace following PRD activation.



www.emcara.com

20 YEARS OF ALTERNATIVE FUELS EXPERIENCE
INNOVATIVE THINKING AND PRODUCTS
BULK HAUL, FUEL SYSTEMS, GROUND STORAGE



CONNECTION: ACCEPTS PRE-SWAGED 1 2" TUBE WITH NUT AND FERRULE
 NOMINAL CRACKING PRESSURE: 10 - 20 PSI



CONNECTION: ACCEPTS PRE-SWAGED 3 4 TUBE WITH NUT AND FERRULE
 NOMINAL CRACKING PRESSURE: 10 - 20 PSI



CONNECTION: THREADS DIRECTLY INTO SAEJ1926,-8 PORT
 (NOMINAL 1 2" TUBE OD)
 NOMINAL CRACKING PRESSURE: 10 - 20 PSI



CONNECTION: THREADS DIRECTLY INTO 3 4" NPT FITTING
 NOMINAL CRACKING PRESSURE: 10 - 20 PSI



CONNECTION: ACCEPTS PRE-SWAGED 3 4 TUBE WITH NUT AND FERRULE
 NOMINAL CRACKING PRESSURE: 10 - 20 PSI

THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND MAY NOT BE DISCLOSED WITHOUT PRIOR WRITTEN CONSENT.			
UNLESS OTHERWISE STATED:			
ALL DIMENSIONS ARE IN IMPERIAL INCHES			
TOLERANCE:			
ONE PLACE DEC. = ±.05			
TWO PLACE DEC. = ±.01			
THREE PLACE DEC. = ±.005			
ANGLE = ± 1'			
MATERIAL:			
FINISH:		SIZE	DWG. NO.
		C	VC SERIES VENT CAPS
DO NOT SCALE DRAWING		SCALE:	WEIGHT:
			SHEET 1 OF 1
		REV	NC



TITLE:
VC SERIES VENT CAPS