



100 Series 180° Fill Valve With Bus and Truck Nozzle

Application

CNG and Bio-Gas dispenser for bus and truck filling



FV103-0-AC6-C 180° Fill Valve & NC104-200 Nozzle

Features & Benefits

The Oasis Full Flow Fill Valve with Bus & Truck Fuelling Nozzle redefines the flow rate standard for NGV gas delivery.

Hardened segment connection nozzle increases gripping surface area and reduces wear in receptacles.

Green indicator shows coupled position.

Both fill valve & nozzle are serviceable on site with Oasis Service Kits.

Product Information

All products are manufactured under ISO 9001 accredited standards.

The FULL FLOW design means more gas is dispensed faster to the vehicle, maximising the number of vehicle fills per day and minimising wasted gas.

Fill valve designed to ANSI/CGA NGV1 Standard.

Bus & truck fuelling nozzle designed and tested to ISO 14469-2 Standard

Fill valve complies with PED 97/23/EC

Nozzle to fit DN12 (C200) receptacles as per ISO 14469-2 Standard.

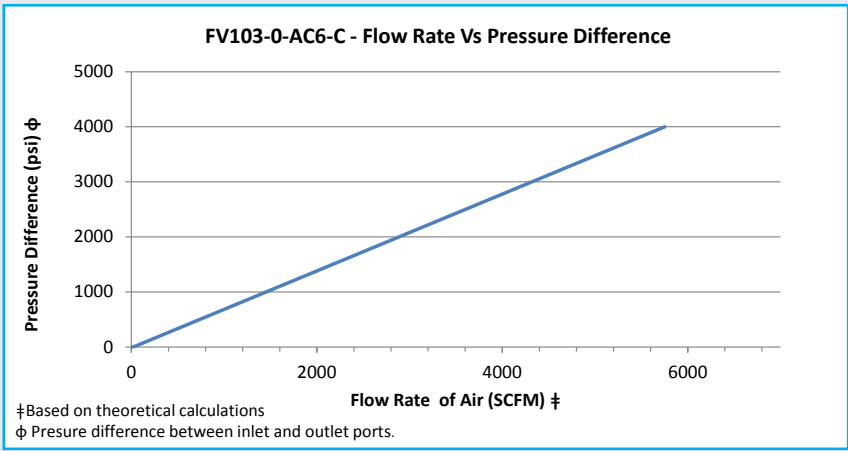
Video servicing instructions available online at oasisngv.com/resources



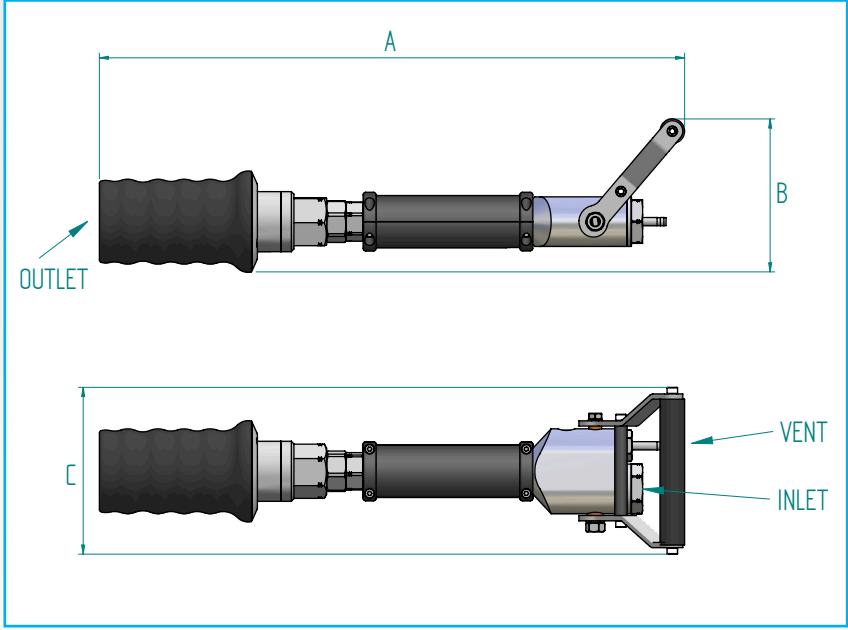
Example of Receptacle DN12



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Dimensions



Dimensions (mm)

Part Code	A	B	C	Inlet Port	Vent Line	Outlet
FV103-0-AC6-C	448	117	128	3/4 -16 SAE	1/4" Male Tube Stub	NC104-200

Product Specification

Part Code	Mass kg (lb)	Service Pressure psi*	Max. Test Pressure psi (bar)**	Min. Temp. °C (°F)	Max. Temp. °C (°F)	Stem Open Torque Nm (ft-lb)	Cycles Before Rekit ^	Cv	Nozzle Service Kit ^^	Fill Valve Service Kit
FV103-0-AC6-C	3.3 (7.3)	3600 (248)	5400 (400)	-40 (-40)	85 (185)	5 (3.7)	100,000	2.4	NC104-SK200-1	FV103-SKDN

* Maximum pressure at which the product can continuously operate at.
 ** Maximum static pressure that can be applied without affecting the operation of the product.
 ^ It is recommended that the nozzle is re-kitted on or before the allowable cycles. This can be undertaken easily on site.
 ^^ NC104-SK200-1 service kit for NC104-200 nozzle only. For NC104-C200 use NC104-SK service kit only.

We reserve the right to modify product specifications without prior notice.



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Service Kits

All wearing components are available for replacement with original Oasis service kits

FV103-SKDN

Fill valve service kit for sealing components, recommended to be replaced on or before the maximum cycles before re-kit as identified in product specifications.



NC104-SK200-1

Bus and truck nozzle service kit, recommended to be replaced on or before the maximum cycles before re-kit as identified in product specifications



NC104-SK200-1 service kit for NC104-200 nozzle only.

FV103-17

Fill valve 2 piece handle sleeve, to be replaced as required



FV103-70

Fill valve handle replacement kit, to be replaced as required

