



100 Series Fill Valve

Features & Benefits

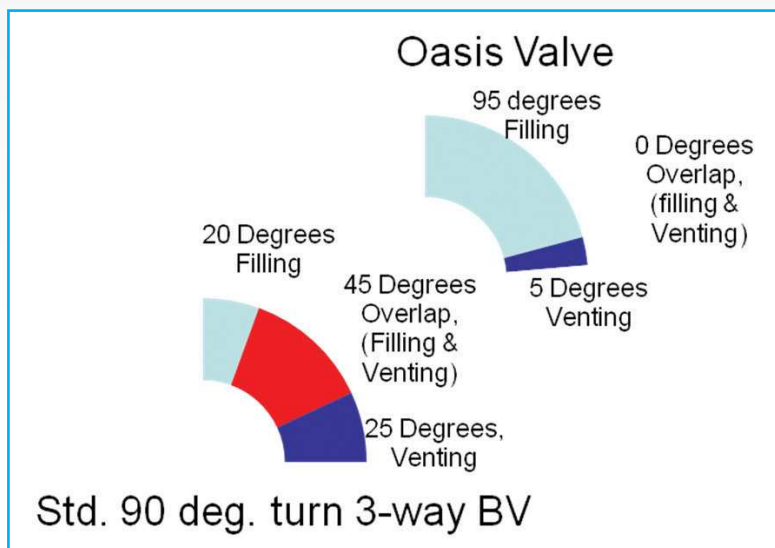
Using FULL FLOW, floating ball valve technology, the Oasis dispensing valve will redefine the flow rate standard for NGV gas delivery.

Using the proven LOWEST LIFE COST valve design, the dispensing nozzle can be re-kitted numerous times. Spare part kits are readily available and easy to install.

Fully machined from stainless steel and Aluminium bar stock, with 45 degree porting.

Our unique patented design eliminates cross venting between the "fill" and the "vent" positions. This reduces the volume sent to the vent line, ensuring a safer and more efficient filling system.

World wide patent pending



With the FULL FLOW design, this means more gas is dispensed, faster, to the vehicle maximizing number of vehicle fills per day and minimizing wasted gas.



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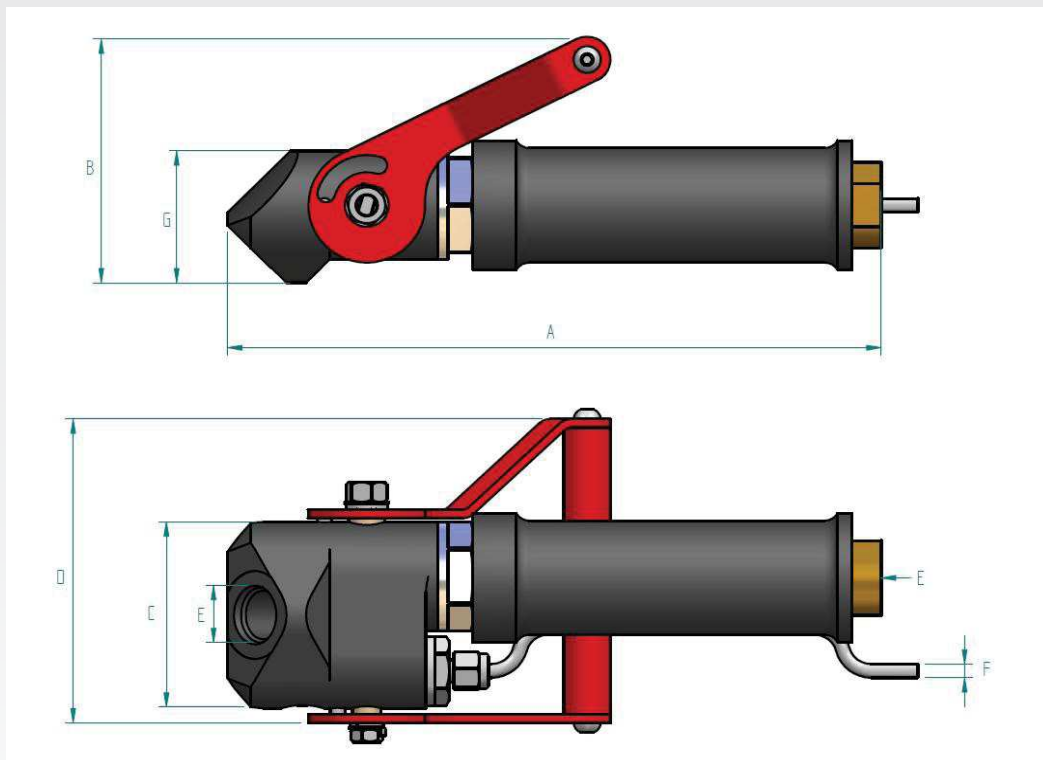
Application & Specification Information

CNG Dispensers for Car, Bus and Truck filling.

Dimensions stated below are for complete valve assembly, excluding nozzle connections.

CNG Trailers load/unload systems.

P30 & P36 profile nozzle and 7/16 probe are available and quoted separately.



Dimensions (mm)

Part Code	A	B	C	D	E	F	G	C _v *	K _v **
TV103	224	85	65	106	1/2" SAE	4.76	46	12.93	11.15

* C_v = USGPM-PSI

** K_v = M3/hr-BAR

Operating pressure range from 7 PSI to 6000 PSI.

Vent line from 7 PSI to 6000 PSI.

Burst Pressure > 20,000 PSI.

1/2" SAE Female is standard thread on inlet & outlet ports. Other port adaptor options available.

All products are manufactured under ISO 9001:2000 accredited standards.

Delrin/Nitrile seat configuration MAWT 120° c.