

G180 Overwing Nozzle



EMICO WHEATON™

A Gardner Denver Company

Features and Benefits

Stainless Steel Spout Restraint is wider than fuel port while allowing fueler to see into tank.

SPEED SPOUT™ quick change mechanism allows spouts to be installed and removed with one hand. *(optional)*

Elastomeric Ring prevents nozzle from damaging aircraft during fueling.

Factory Tested and Traceable: Each nozzle is flow and leak tested at the factory and assigned a serial number. Serial number can be traced to test date and results achieved. Serial number and manufacture date are engraved on the nozzle.

The Nozzle is free of yellow metal and plastic components.

Stowage Device holds grounding plug in place until needed.

Metering Ability: The valve design makes it easy to control flow. Allows the fueler to smoothly increase and decrease flow without line shock or recoil. Makes fueling process more efficient and less strenuous for the fueler.

100-Mesh Stainless Steel Strainer – easily accessible for routine inspection.

Grounding Cable:

- 2 options available (both include alligator clip and grounding plug).
- Nozzle available without grounding cable if desired.

Body and Handle Guard:

- Aluminum construction – anodized black as per MIL-A-8625F Type II Class 2.

Bumper Pads on contact points help prevent accidental scratching of aircraft.

Integrated Swivel:

- Anodized aluminum construction designed specifically to maintain electrical continuity between swivel and hose.
- Rotates on Ballbearing surface.
- Double O-Ring sealing system.
- Available with check valve if desired.
- Available with ISO 228, NPT or 1.5" camlock inlet as required.

Spouts:

- 3 quick change spout configurations (1", 1.5" and flared are available and interchangeable).
- 3 threaded spout configurations are available and interchangeable.

Dust Cap: Non-metallic and fuel resistant - will not damage aircraft. *(optional)*

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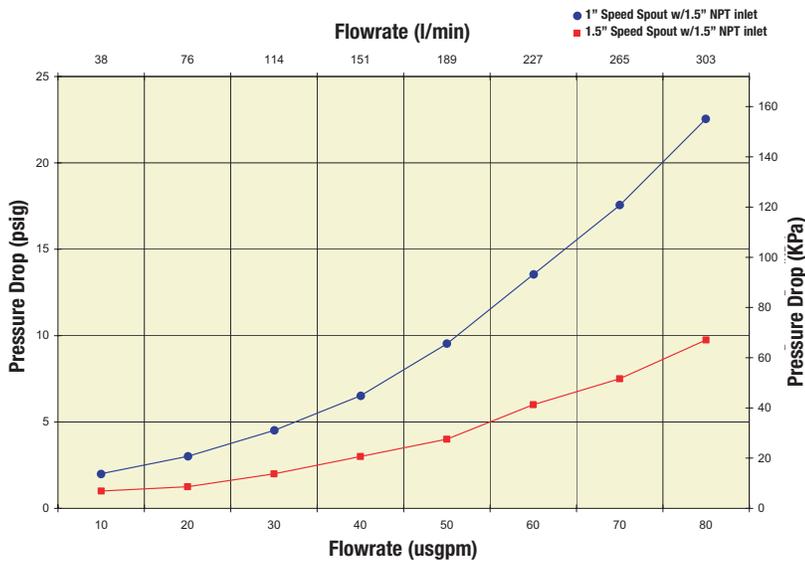


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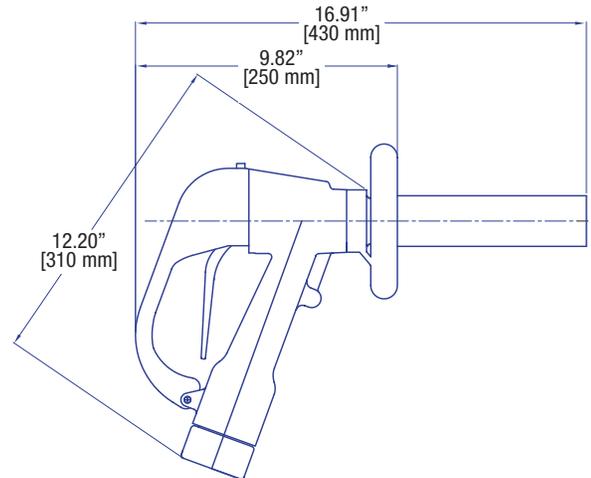
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AVIATION

Proven Design: The G180 Nozzle is built on a modified G457 chassis. The G457 has been the preferred nozzle of many military organizations around the world for many years. In opting for the G180, you will benefit from the experience we have gained in the field with this proven design.

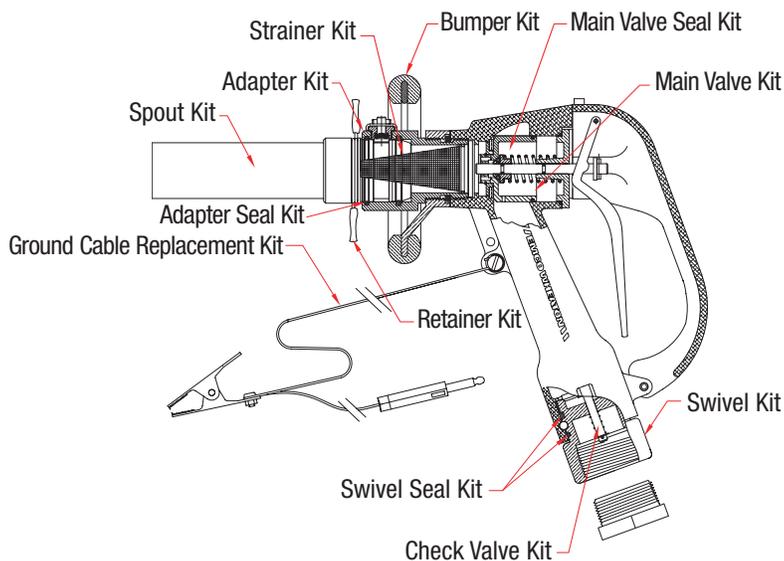


Outline Dimensions



- Weight of nozzle with 1.5" straight spout, inlet check valve and bumper ring = 6.95 lbs (3.15 kg)
- Seals are compatible with all jet and aviation fuels.

The Repair Kit Program: EMCO WHEATON is a firm believer in repair kits. Each nozzle – which is shipped in a box with a large label showing model number and serial number – contains operating instructions and a diagram similar to the one below showing the repair kits available for that nozzle. Each kit includes instruction sheet and all components and consumables needed to repair the specific wear zone.



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How To Order: The G180 is available with exactly the features that you desire. To configure your nozzle, simply select one item from each of the categories below to form the part number. For example, a nozzle with 1.5" Flared spout and bumper ring, 1.5" NPT inlet without check valve, Standard Grounding cable and Dust Cap, and Black Handle Guard — would be part number G180-LBTB.

SPOUT	INLET	DUST CAP/ GROUNDING CABLE	HANDLE GUARD
NNone	NNone	Nw/o cable, w/o dust cap	BBlack
A1" Straight w/o Bumper Ring	B1.5" NPT w/o check valve	S Standard cable w/o dust cap	R Red
C1" Straight w/ Bumper Ring	D1.5" NPT w/ check valve	T Standard cable w/ dust cap	
E1.5" Straight w/o Bumper Ring	F1.25" NPT w/o check valve	H Heavy Duty cable w/o dust cap	
G1.5" Straight w/ Bumper Ring	H1.25" NPT w/ check valve	J Heavy Duty cable w/ dust cap	
J1.5" Flared w/o Bumper Ring	K 1" NPT w/o check valve	L No cable w/ dust cap	
L1.5" Flared w/ Bumper Ring	M1" NPT w/ check valve		
QSpeed Spout including 2 spouts (1" straight and 1.5" straight)	R1.5" ISO w/o check valve		
VSpeed Spout including 2 spouts (1.5" straight and flared)	S1.5" ISO w/ check valve		
YSpeed Spout including 3 spouts (1" straight, 1.5" straight, flared)	T1" ISO w/ check valve		
	W1.5" camlock w/ check valve		
	X1.5" camlock w/o check valve		

**EMCO WHEATON is uniquely positioned to solve your fueling challenges.
Contact our Engineering Department for a *custom* solution!**

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