

## OPW FIL-MASTER™ 600 Series Fast-Fill/ Fleet-Fill Nozzles (NGV1 Type 2 or 3)

OPW Fil-Master™ 600 Series Fast-Fill/Fleet-Fill Nozzles are designed for high-flow CNG fueling systems. Applications include quick-fill fueling of automobiles, light trucks, shuttle buses, vans and time-fill or overnight fleet fueling. All OPW NGV fueling nozzles are designed and built to exacting engineering specifications for fueling safety and efficiency.

### Ordering Specifications

Product #	Inlet Thread Size	Color	Maximum Allowable Service Pressure
CC600P30NFS	SAE - 6, 9/16 - 18 UNF	Blue	P30 - 3000 psi (200 bar)
CC600S	SAE - 6, 9/16 - 18 UNF	Blue	P30 - 3000 psi (200 bar)
CC600P36NFS	SAE - 6, 9/16 - 18 UNF	Yellow	P36 - 3600 psi (248 bar)
CC600P36S	SAE - 6, 9/16 - 18 UNF	Yellow	P36 - 3600 psi (248 bar)

NOTE: NF nozzles do not include 200 micron filter.

### Materials

- Body:** Brass
- Jaws:** Stainless steel
- Filter:** Stainless steel, 200 micron
- Seals:** Specially formulated polymers and elastomers specific to high-pressure NGV applications

CC600S  
Coupling End

CC600S  
Hose  
Connection  
End

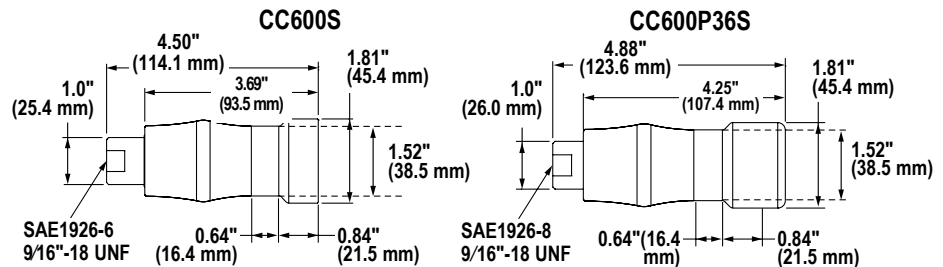


### Features

- ◆ **User-Friendly Push-On/Pull-Off Operation** for smooth, simple engaging and disengaging of nozzle and receptacle without the added step of pulling back a collar. The CC600 is designed to remain securely connected to the receptacle until the nozzle is depressurized after fueling is complete.
- ◆ **High-Flow/Fast-Fill Capability** - to provide quick fueling of medium storage vehicles. Internal seals are specially designed to meet the demands of fast-fill NGV fueling.
- ◆ **Internal Filter Option** - to capture gas-borne debris commonly found in CNG systems. Filter offers protection against impurities in the high velocity gas stream that can damage the nozzle and receptacle seals and the vehicle fuel system.
- ◆ **Jaw-Lock Technology** - designed specifically for the frequent coupling and uncoupling of the high pressure gas connections of NGV fueling. Forces at the contact point are distributed over the entire surface area of the receptacle.
- ◆ **Ergonomic Design** - fits the operator's hand for easy one-hand connecting and disconnecting. Insulated jacket provides thermal protection for operator's hand.
- ◆ **Durable Construction** - brass and stainless steel construction provides excellent corrosion resistance in the harsh refueling environment.
- ◆ **Meets NGV1 Fueling Standard** - can be used to fuel any vehicle with an NGV1 profile receptacle.
- ◆ **Individually Leak Tested and Inspected with Traceable Serial Number.**
- ◆ **Agency Listings** - ANSI/CGA NGV1 Type 2 Class B Certified, German Pressure Vessel Ordinance (Druckbeh V) ASME Approved (P30 model only). Bauart number 02CDN2.

### Specifications:

- Min. Flow Rate: 1500 SCFM @ 3000 psid
- Temperature Range: -40° F to 185° F (-40° C to 85° C)
- Weight: 1.34 lb. (0.61 kg)
- Cv: 1.05
- Design Pressure: 4500 psi (310 Bar)



### Listings and Certifications

