

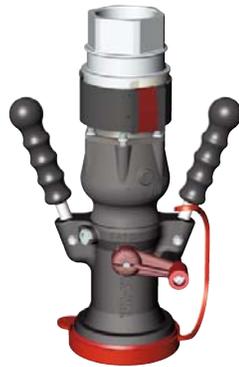


—MODEL— **347GF**

# Cla-Val Refueling Nozzle



**347GF Nozzle with Dry Break**



**347GF Nozzle with HEPCV and Dry Break**



**347GF Nozzle with HEPCV & Strainer Ball Valve**



**347GF Nozzle Connection View**

- Designed in accordance with SAE AS5877
- Connects to MS24484 Single Point Adapter
- Six Slot Connection Head
- Low pressure drop
- Integrated Durable Swivel Joint
- Light Weight and Compact Size
- All Aluminum and Stainless Steel Construction

The Cla-Val 347GF Nozzle is designed in accordance with SAE AS5877 and is constructed entirely of aluminum and stainless steel, with fuel resistant Nitrile, Acetal and Polyurethane seals. All aluminum surfaces are anodized or coated to prevent corrosion. No copper, zinc, or alloys thereof are used in construction. The 347GF Nozzle connects to an aircraft “single point adapter” conforming to specification MS24484.

The Cla-Val 347GF Nozzle is designed to maximize safe refueling operations. The internal interlock system, fully contained within the nozzle body, results in a smaller, thinner, lighter nozzle that can easily connect to all aircraft, including smaller regional or private jets that have minimal space in or around their refueling ports. The internal interlock prevents the nozzle from opening until a positive connection to an aircraft single point adapter is made. In addition, when connected to an aircraft single point adapter, the 347GF Nozzle cannot be rotated or removed until the operating lever is first rotated to the fully closed position. A spring loaded safety lock prevents the nozzle from being connected to an aircraft adapter in an unsafe or incomplete manner.

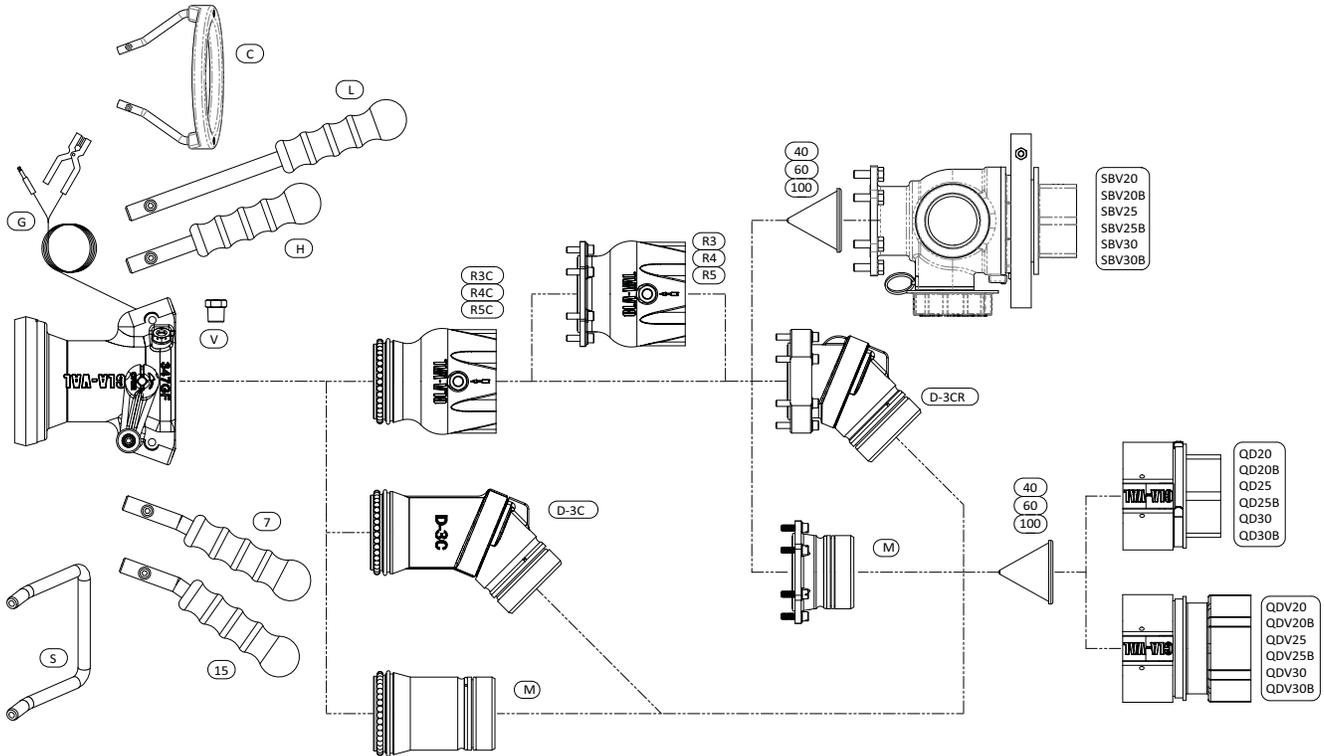
The Cla-Val 347GF Nozzle is also designed to simplify refueling operations. This lightweight design reduces the physical stresses involved in connecting the Nozzle to the aircraft by featuring a six slot connection head, making it much easier to connect to a three-lug aircraft single point adapter. The connection head features high strength, hardened Stainless Steel components to assure superior durability to withstand the toughest, most abusive environments. Reduced flow resistance was a focus throughout the design of the nozzle and all related components and accessories so that pressure drop would be minimal, thus reducing refueling times.

## Pressure Drop Data



visit [www.cla-val.com](http://www.cla-val.com) to learn more about our complete range of fueling products

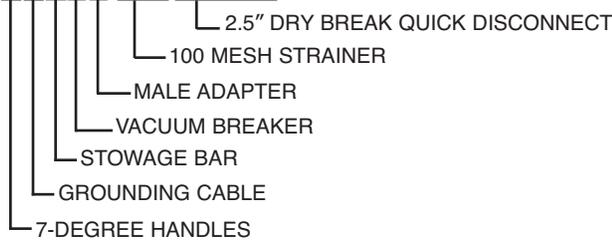
# 347GF Nozzle Refueling Nozzle Model Numbering Scheme



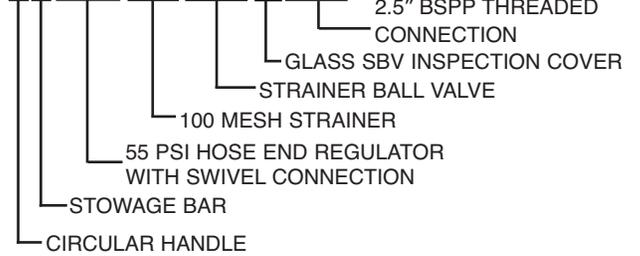
## Create Complete Model Numbers for Various Applications

It is easy to customize a 347GF Refueling Nozzle to meet special requirements. Complete model numbers always begin with "347GF". Add your option selections to this base model number, following the flow chart above from left to right. See example below.

347GF-7 G S V M 1 0 0 Q D V 2 5



347GF-C S R 5 C 1 0 0 S B V G 2 5 B



## Available Options for Model 347GF

|       |   |
|-------|---|
| C     | CIRCULAR HANDLE                                   |
| H     | STANDARD HANDLES                                  |
| L     | LONG HANDLES                                      |
| 7     | STANDARD HANDLES WITH 7° BEND                     |
| 15    | STANDARD HANDLES WITH 15° BEND                    |
| G     | GROUNDING CABLE                                   |
| V     | VACUUM BREAKER                                    |
| S     | STOWAGE BAR                                       |
| R3C   | 35 PSIG HOSE END REGULATOR WITH SWIVEL CONNECTION |
| R4C   | 45 PSIG HOSE END REGULATOR WITH SWIVEL CONNECTION |
| R5C   | 55 PSIG HOSE END REGULATOR WITH SWIVEL CONNECTION |
| R3    | 35 PSIG HOSE END REGULATOR WITH FLANGED OUTLET    |
| R4    | 45 PSIG HOSE END REGULATOR WITH FLANGED OUTLET    |
| R5    | 55 PSIG HOSE END REGULATOR WITH FLANGED OUTLET    |
| D-3C  | D-3 MALE QD INLET WITH SWIVEL CONNECTION          |
| D-3CR | D-3 MALE QD INLET WITH FLANGED CONNECTION         |

|     |                               |
|-----|-------------------------------|
| M   | MALE QUICK DISCONNECT ADAPTER |
| 40  | 40 MESH STRAINER              |
| 60  | 60 MESH STRAINER              |
| 100 | 100 MESH STRAINER             |
| QD  | STANDARD QUICK DISCONNECT     |
| QDV | DRY BREAK QUICK DISCONNECT    |
| SBV | 349GF STRAINER BALL VALVE     |
| B   | BLANK SBV INSPECTION COVER    |
| G   | GLASS SBV INSPECTION COVER    |
| 20  | 2-INCH NPT THREADS            |
| 20B | 2-INCH BSPP THREADS           |
| 25  | 2.5-INCH NPT THREADS          |
| 25B | 2.5-INCH BSPP THREADS         |
| 30  | 3-INCH NPT THREADS            |
| 30B | 3-INCH BSPP THREADS           |

**Operating Temperature Range**

**-40° to 130° F**