



—MODEL—

**347GF**

# Cla-Val Refueling Nozzle



## Model 347GF

The use of all new, internal interlock technology results in a smaller, thinner, lighter Nozzle. The body of the Nozzle, adjacent to the connection head, has a very small outside diameter. This means that the Model 347GF Nozzle will easily connect to all aircraft, even the newer, smaller private jets and regional jets that are incorporating smaller and smaller refueling ports. Even with the compact size, the connection head features high strength, hardened, Stainless Steel components to assure superior durability to withstand the toughest, most abusive environments.



## Model 347GF Connection End View



- **Designed per SAE AS5877**
- **Connects to MS24484 Single Point Adapter**
- **Six Slot Connection Head**
- **Integrated Durable Swivel Joint**
- **Light Weight and Compact Size**
- **All Aluminum and Stainless Steel Construction**
- **Fuel Resistant Seals**

The Cla-Val 347GF Nozzle is designed per 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. An internal interlock system, fully contained within the nozzle, prevents it from being opened when not connected to an aircraft adapter. In addition, when connected to an aircraft adapter, the 347GF Nozzle cannot be removed until the operating lever is first rotated to the fully closed position.

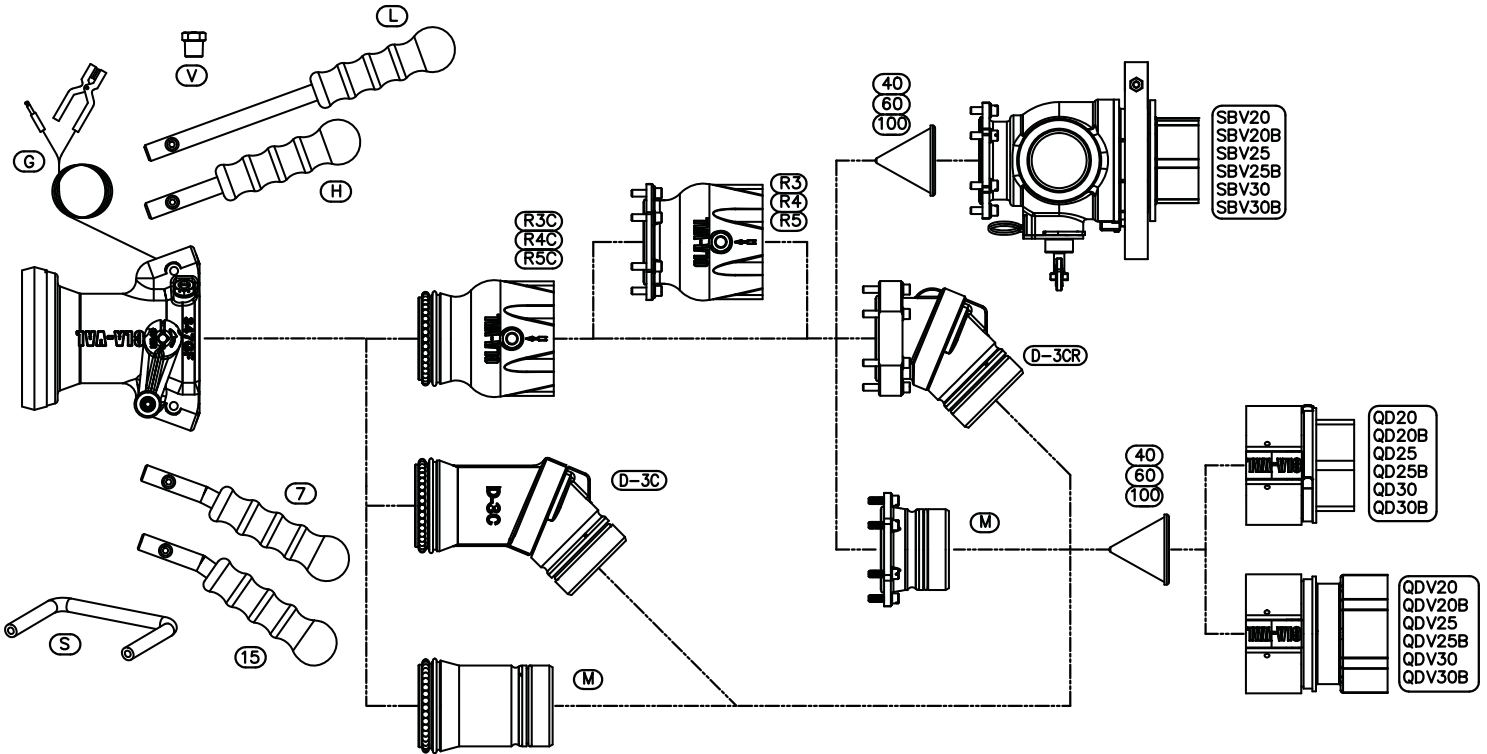
The Cla-Val 347GF Nozzle is also designed to simplify refueling operations. This lightweight design reduces the physical stresses involved in connecting the Nozzle to the aircraft. To provide greater refueling efficiency, the 347GF Nozzle features a six slot connection head, making it much easier to connect to a three-lug aircraft adapter.

Every effort has been made to reduce flow resistance through the nozzle and all related components and optional accessories to the lowest possible level, resulting in reduced refueling times.

The Model 347GF Nozzle features a six slot connection head. The entire interlock mechanism is housed within the body of the Nozzle where it is protected from handling damage. Yet, pressure drop through the Nozzle remains very low. The six slots in the connection interface allow for easier connection to the three-lug aircraft adapter. A spring loaded Safety Lock prevents the Nozzle from being connected to an aircraft adapter in an unsafe manner, continuing the high level of safety which is the hallmark of all Cla-Val aircraft refueling products.



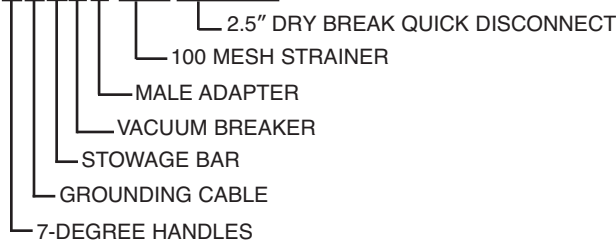
# 347GF Nozzle Refueling Nozzle Model Numbering Scheme



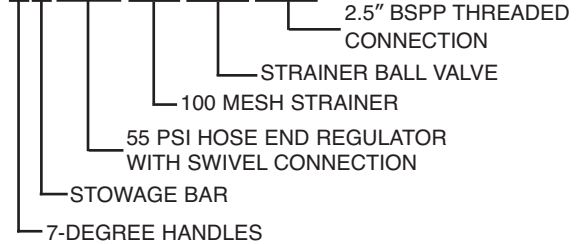
## Create Complete Model Numbers for Various Applications

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-7 S R 5 C 1 0 0 S B V 2 5 B



## Available Options for Model 347GF

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
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**