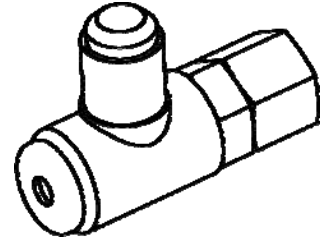


**Part Number:** 102106

**Part Description:** Pressure Relief Device (PRD)



## Product Technical Specifications

### Approved Pressure Relief Device (PRD)

The specifications shown in this document outline the requirements of the PRD that has been tested and approved for use with your Quantum Type 4 cylinder, valve, and PRD assembly.



**DANGER**

Only approved PRD's are to be installed in your Quantum cylinder. Installation of a PRD not approved for your cylinder will result in death or serious injury.

### Installation

This PRD must be installed on the cylinder before the cylinder is filled with fuel. Alteration or modification of a PRD is strictly prohibited.



**WARNING**

This PRD is connected to a "live" port on the cylinder valve; this PRD will always be exposed to tank pressure even if the cylinder valve is in the closed position.

Never disassemble or disconnect the PRD from the cylinder while the cylinder is pressurized. Failure to follow this instruction may result in death or serious injury.

### General Specifications

Manufacturer Information .....	GFI P1750-30W
Activation Temperature .....	217°F (102.7°C)
Flow Orifice .....	0.254" (6.45mm)
Normal Working Pressure .....	3,600 psi (24.8 MPa)
Maximum Working Pressure .....	4,496 psi @ 180°F (31 MPa @ 82°C)
Burst Disc Rating .....	N/A
Fuel .....	CNG
Operating Temperature .....	-40°F – 185°F (-40°C – 85°C)
Certification .....	ANSI/IAS PRD 1-1998, PRD 1a-1999
.....	TUV Certified & ECE R110 Certified
Inlet Port Thread .....	0.650-19 UNS-3B
PRD Inlet (0.650-19 UNS-3B) .....	47 Ft. lb. (64 ±12 N.m.)
Discharge Port Thread .....	1/2" SAE 45°Flare
PRD Discharge (1/2" SAE 45°Flare) .....	N/A
Build Material .....	Nickel Plated Brass
PRD Interface Sealing Washer .....	GFI PN P1200-15C

