



# Consolidated\* Products

## Type 2478 Pressure Relief Valve

### Overview

GE's Consolidated\* Type 2478 pressure relief valve is a totally enclosed design for non-corrosive, thermal-relief, liquid service.

### Features and Benefits

- Low spindle bearing point between the spindle and disc for improved tightness
- Self-aligning spring washers for repeatability and long life
- Totally enclosed bonnet to ensure that escaping fluid is properly discharged
- Precision-wound spring plus 5 percent tolerance on rate to ensure repeatability and maximum tightness
- Manufactured to ASME Code standards
- Tested for set pressure on water.



### Applications

Design limits of 300 psig (20.68 barg) and -325°F (-198°C) to +406°F (+207°C). This product should only be used for non-corrosive liquids. The 2478 is not ASME Code capacity-certified. Cryogenic service applications can be satisfied by consulting the factory.

### Connections

GE's Consolidated Type 2478 pressure relief valve is supplied with .500 in. (12.70 mm) through 2.500 in. (63.50 mm) male NPT inlet sizes. The inlet is equipped with a standard hexagon surface for easy wrenching.

### Options

- Sealed Lifting Lever Assembly
- Spring 17-7 PH SS is available

### Specifications

<b>INLET SIZES</b>	.500 in. (12.70 mm) through 2.500 in. (63.50 mm) threaded.
<b>OUTLET SIZES</b>	.750 in. (19.05 mm) through 2.500 in. (63.50 mm) threaded
<b>ORIFICE SIZES</b>	Six sizes: D through J
<b>PRESSURE RANGE</b>	5 psig (0.34 barg) to 300 psig (20.68 barg)
<b>TEMPERATURE RANGE</b>	-325°F (-198.3°C) to 406°F (207.8°C)
<b>MATERIALS</b>	Cast bronze bonnet, brass base and trim and PTFE soft seats are standard.
<b>CERTIFICATION</b>	Non-Coded
<b>BLOWDOWN</b>	7 - 15 percent
<b>BACK PRESSURE LIMIT</b>	10 percent of set pressure