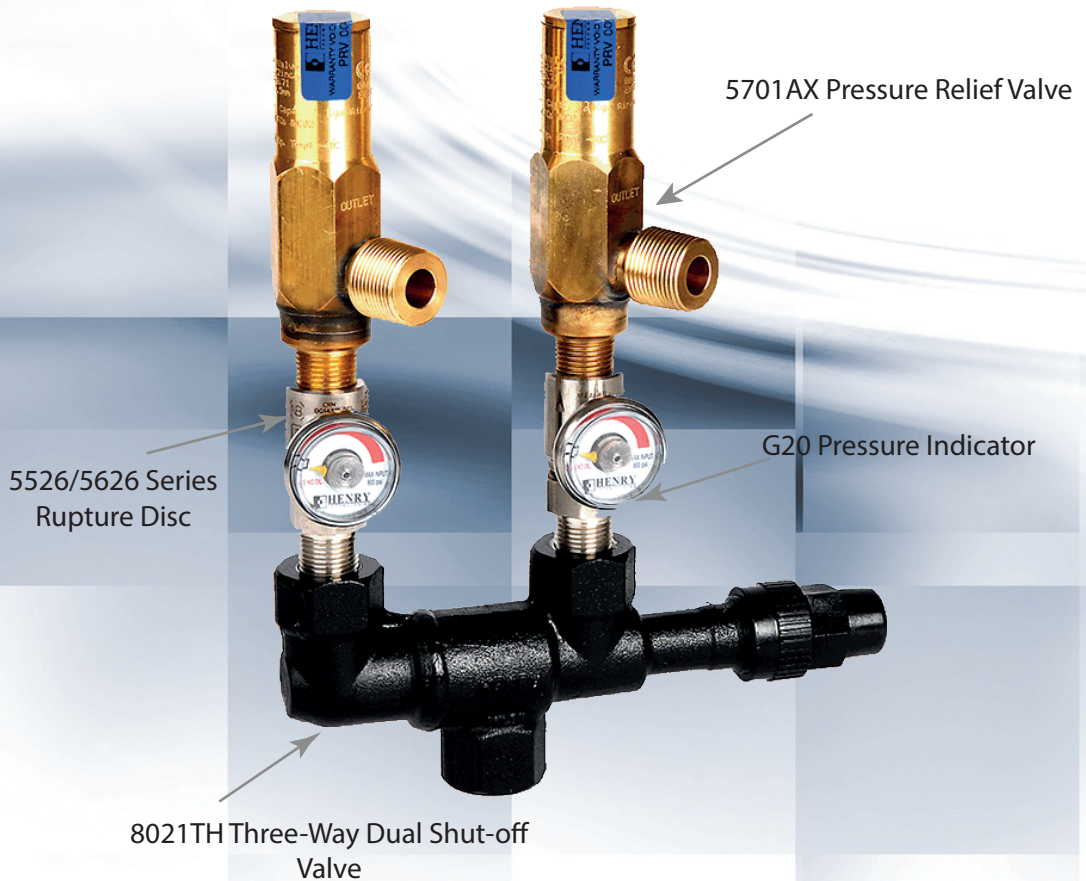




HENRY
TECHNOLOGIES

High Pressure Safety Device Assembly

MWP up to 130 barg



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HENRY

DESIGNED FOR PERFORMANCE

HIGH PRESSURE SAFETY DEVICE ASSEMBLY

The primary purpose of a Sentry Safety Device Assembly is to provide a positive seal between the system and atmosphere and facilitate an indicating device to be fitted. The indicating device notifies the user if the pressure relief valve has discharged. This is a requirement of Refrigeration Standard EN378.

A dual Sentry Safety Device Assembly also provides a safe and economical method for replacing safety devices on a pressure vessel. Typically this vessel will be a refrigerant liquid receiver. The Sentry assembly protects the receiver from over-pressure.

The new high pressure safety device assembly comprises of a number of items from the Henry Technologies product range. There are two versions of the high pressure Sentry Safety Device Assembly: single and dual. The single Safety Device Assembly comprises of a pressure relief valve, rupture disc and a pressure indicator gauge. The dual Safety Device Assembly comprises two pressure relief valves, two rupture discs, two pressure indicator gauges, and a three-way dual shut-off valve.

Technical Specification

Pressure Relief Valve 5701AX

Set pressure range = 46 to 130 barg

Three-Way Dual Shut-Off Valve 8021TH

Allowable operating pressure = 0 to 130 barg

Rupture Disc

Set pressure range = 10.3 to 130 barg (5626 series)

Set pressure range = 10.3 to 60 barg (5526 series)

Pressure Indicator G20

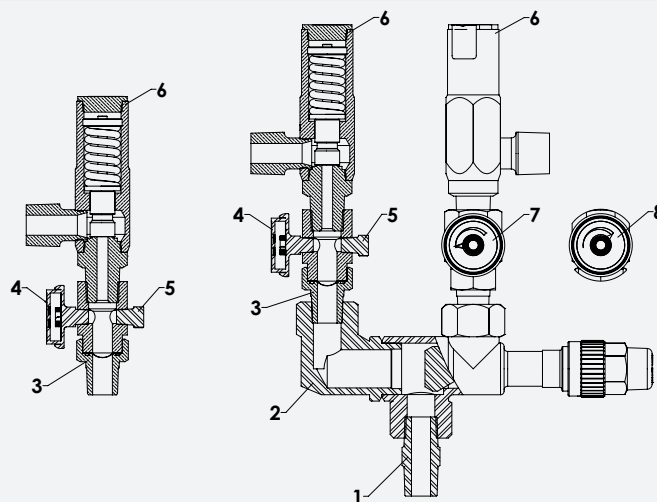
Allowable operating pressure = 0 to 200 barg



Applications and Features

In line with the Institute of Refrigeration Guidelines (UK), Henry Technologies recommends that pressure relief valves and low side rupture discs be replaced at least every 5 years. All high side rupture discs should be replaced every 2 years. These intervals need to be reduced if other regulations apply. The dual Sentry assembly provides a convenient solution for the replacement of safety devices along with other user benefits.

For further information on Sentry Safety Device Assemblies please visit pages 91 and 92 of our catalogue.



**SENTRY SINGLE SAFETY
DEVICE ASSEMBLY**

**SENTRY DUAL SAFETY
DEVICE ASSEMBLY**

1 Pipe nipple

3 Rupture disc

5 Plug, 1/8 NPT (A0624)

7 G20 (no pressure applied)

2 Three-way Valve

4 G20 gauge

6 Pressure relief valve

8 G20 (pressure applied)

Refer to relevant catalogue pages for information on each component.

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