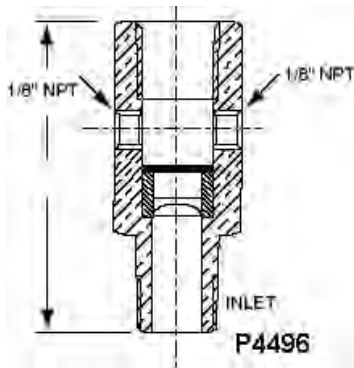


HENRY TECHNOLOGIES - RUPTURE DISC ASSEMBLIES



FEATURES

- 5525 & 5526 brass series; 5626, 5627, 5628 & 5629 stainless steel series.
- Tested, certified & 'UD' stamped to ASME Section VIII Div I.
- Certified to conform to the PED 97/23/EC and bears the CE mark.
- Prevent leakage or weeping of fluids through the relief Valve.
- Extra gauge part for installation of a pressure switch to warn of a refrigerant release caused by a system malfunction
- A non- fragmenting rupture disc

NOTES:

The ASME Code, Section VIII, Division I guidelines for the application of Rupture Disc Devices in combination with pressure relief valves. The following excerpt is from the ASME Code, Section VIII, and Division I UG 127.

A Rupture disc devices may be installed between a pressure relief and the vessel provided:

The combination of the spring loaded safety relief valve and the rapture disc device is ample in capacity to prevent the pressure in the vessel from rising more than 10% above its design pressure. Since the capacity of a relief device pressure of the vessel.

Use of a Rapture disc device in combination with a safety relief valve shall be carefully evaluated to ensure that the media being handled & the vales operational characteristics will result in pop action of the Relief Valve coincident with the busing of Rupture Disc.

The stamped capacity of a spring loaded safety valve when installed with a rupture disc device between the inlet of the valve and the vessel shall be multiplied by a factor 0.90 of the rated relieving capacity of the Relief Valve alone.

The space between capacity a Rupture Disc Device and a safety valve shall be provided with a pressure gauge, or suitable Telltale Indicator. This arrangement permits detection of Disc rupture or leakage. Be warned that a Rupture Disc will not burst at its design pressure if back up in the space between the disc and the safety relief valve which will occur should leakage develop in the Rupture Disc due to corrosion or other causes.

PART NO	Size Conn.		Dimensions in Inches			Orifice C	Wt. Lbs.
	A Inlet	B Outlet	D	E	F		
5525	3/8	3/8	2.55	0.77	1.25 AF	0.38	0.61
5526	1/2	1/2	2.85	0.89	1.25 AF	0.50	0.44
5626	1/2	1/2	2.86	0.90	1.13	0.50	0.44
5627	3/4	3/4	3.19	1.13	1.50	0.75	0.76
5628	1	1	3.67	1.25	1.75	1.00	1.24
5629	1 1/4	1 1/4	3.75	1.31	2.00 AF	1.312	1.6



The "Sentry" Rupture Disc Assembly/Relief Valve Combination is shown in its Normal operating condition with System Pressure only under the Rupture Disc [See top pressure gauge].

The "Sentry" Rupture Disc Assembly/Relief Valve is shown with the Disc ruptured by High System Pressure. Note the System Pressure in the Chamber beneath the Relief Valve. (See bottom pressure gauge).

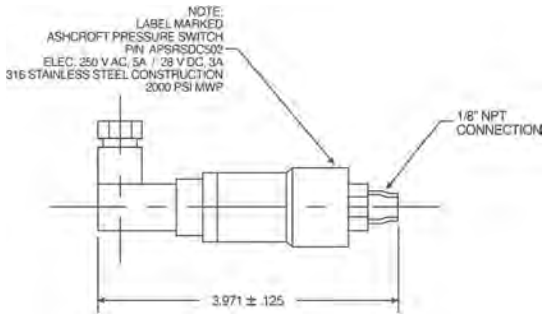
The Relief Valve has discharged but reclosed, preventing the entire refrigerant charge from escaping into the atmosphere.

Note: Relief valve, pressure gauge and pipe plug not included with "SENTRY" Rupture Disc Assembly.

PART NO	Size Conn.		D	Rupture Disc Setting 72°F PSI	Wt. Lbs.
	Inlet M.P.T	Outlet F.P.T			
5525-235-CE	3/8	3/8	2.55	235	.61
5525-300-CE	3/8	3/8	2.55	300	.61
5525-350-CE	3/8	3/8	2.55	350	.61
5525-400-CE	3/8	3/8	2.55	400	.61
5525-450-CE	3/8	3/8	2.55	450	.61
5526-150-CE	1/2	1/2	2.85	150	.44
5526-250-CE	1/2	1/2	2.85	250	.44
5526-300-CE	1/2	1/2	2.85	300	.44
5526-350-CE	1/2	1/2	2.86	350	.44
5526-375-CE	1/2	1/2	2.86	375	.44
5526-400-CE	1/2	1/2	2.86	400	.44
5526-450-CE	1/2	1/2	2.86	450	.44
5527-150-CE	3/4	3/4	3.19	150	.76
5527-250-CE	3/4	3/4	3.19	250	.76
5527-300-CE	3/4	3/4	3.19	300	.76
5527-350-CE	3/4	3/4	3.19	350	.76
5527-400-CE	3/4	3/4	3.19	400	.76
5527-450-CE	3/4	3/4	3.19	450	.76
5528-150-CE	1	1	3.67	150	1.24
5528-250-CE	1	1	3.67	250	1.24
5528-300-CE	1	1	3.67	300	1.24
5528-350-CE	1	1	3.67	350	1.24
5529-150-CE	1 1/4	1 1/4	3.75	150	1.6
5529-175-CE	1 1/4	1 1/4	3.75	175	1.6
5529-250-CE	1 1/4	1 1/4	3.75	250	1.6
5529-300-CE	1 1/4	1 1/4	3.75	300	1.6

HENRY TECHNOLOGIES - RUPTURE ASSEMBLY PRESSURE SWITCH

Pressure Switch SW57



FEATURES:

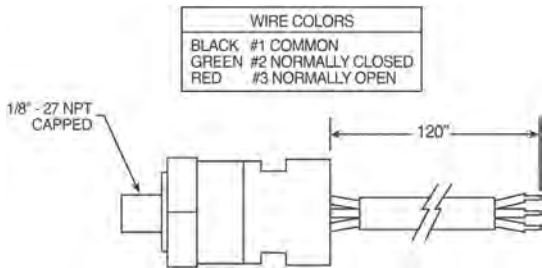
- **Type:** Direct action blade contact
- **Contacts:** Silver alloy, gold plated
- **Set point:** Factory set and sealed
- **Pressure Setting:** 5 PSI
- **Switch Burst Pressure:** 750 PSI
- **Ratings:** 4 AMP- 24 VAC
- **Diaphragm:** Teflon
- **Temperature Range:** -40°F to +250°F
- **Connector:** 1/8-27 NPT male thread
- **Terminals:** Metri-Pack. 1/4" blade
- **Circuitry:** Normally opened
- **Base:** Steel
- **Cover:** Glass reinforced polyester

NOTES:

The addition of the Pressure Switch provides inexpensive means of providing an electrical signal to warn of a refrigerant please caused by a system modification. An extra gauge part is provided on our Sentry Rupture Disc Assembly for the Pressure Switch.

Furnished with Metri-Pack Connector and 10 ft. of wire

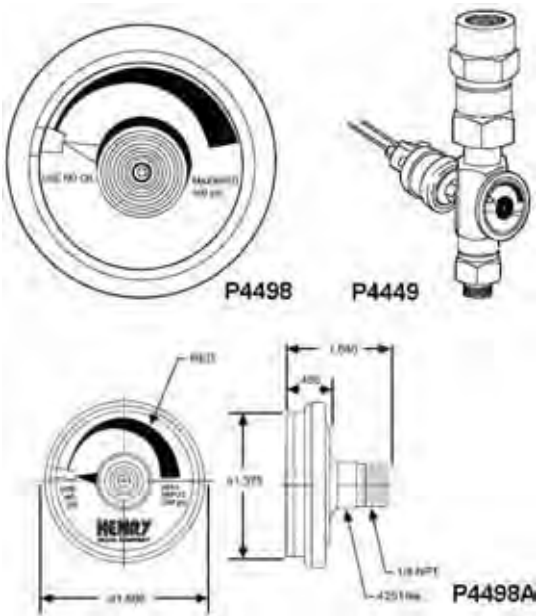
Pressure Switch SW58



FEATURES:

- **Type:** Single pole double throw
- **Contacts:** General Purpose
- **Set Point:** Factory set & sealed
- **Pressure setting:** 5 PSI
- **Switch Burst Pressure:** 9000 PSI
- **Ratings:** 5AMP-12/24 VDC and 120/240 VAC
- **Diaphragm:** Neoprene
- **Temperature Range:** -40°F to +176°F
- **Connector:** 1/8-27 NPT male thread
- **Terminals:** 1/4" blade
- **Circuitry:** Normally opened
- **Base:** Stainless-steel
- **Cover:** Glass reinforced polyester
- **Furnished with** 10 ft. of wire

HENRY TECHNOLOGIES - RUPTURE ASSEMBLY PRESSURE INDICATOR



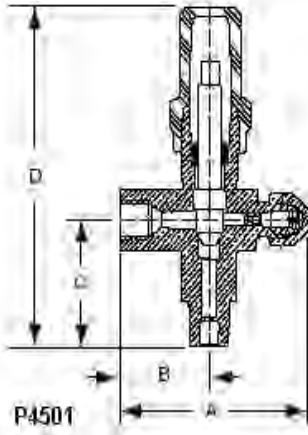
- Dial: 1-3/8" (35 mm), White Aluminum Dial with Red Marking
- Dial: Maximum Working Pressure: 600 PSI
- Case: AISI 304 Stainless Steel
- Lens: Plexiglass, Watertight
- Pointer: AISI 304 Stainless Steel
- Socket: AISI 304 Stainless Steel
- Ambient Temperature: -40°F / +150°F (-40°C / +65°C)

NOTES: The Pressure Indicator (Item A) can be used with our Sentry Rupture Disc Assembly (Item B), which helps prevent leakage of both halocarbon and ammonia refrigerants by indicating whether the relief valve had discharged. The Sentry Rupture Disc Assembly, as required by ANSI/ASME Code, provides a chamber between the rupture disc and the relief valve, and a connection to install the new pressure indicator. This arrangement permits a positive indication that the disc has ruptured and the relief valve has discharged. The "Sentry" Rupture Disc Assembly/Relief Valve Combination is shown in its Normal operating condition with System Pressure only under the Rupture Disc. (See first pressure gauge.)

NOTE: Relief valve, pressure gauge and pipe plug not included with "Sentry" Rupture Disc Assembly.

PART NO	SIZE CONNECTION
G15	1/8-in. MPT, Back

HENRY TECHNOLOGIES - TRANSDUCER VALVE - RUPTURE ASSEMBLY PRESSURE SWITCHES/INDICATORS



- Forged Brass
- Temperature Rating: -20°F (-29°C) to $+300^{\circ}\text{F}$ ($+149^{\circ}\text{C}$)
- Maximum Working Pressure: 500 PSI (35 kg/cm²)
- Connector: 1/4" Flare Access with Schrader Core
- Provides access to systems and mounting of a Transducer to monitor systems performance
- Provides Schrader Valve port for checking Transducer output with a pressure gauge
- Provides isolation from system for replacement of Transducer
- Suitable for refrigerants and other industrial fluids
non-corrosive to Brass and Steel

PART NO	SIZE CONN (in)		DIMENSIONS (in)				WT(lb)
	Bottom	Side	A	B	C	D	
9290	1/4 MPT	1/8 FPT-1/4 FL	2.38	1.19	1.56	4.16	.52

Compressors,
Chillers, Condensers

Motors

Electrical

Heating
Components

Indoor Air
Quality

Thermostats

Oils &
Chemicals

Accessories, Supplies
& Commodities

Tools &
Instruments

Refrigeration