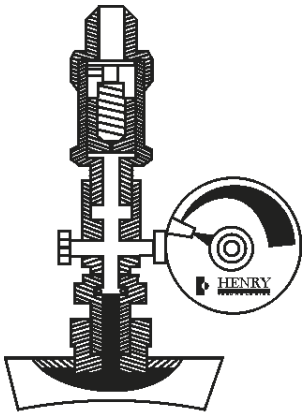
Notes:

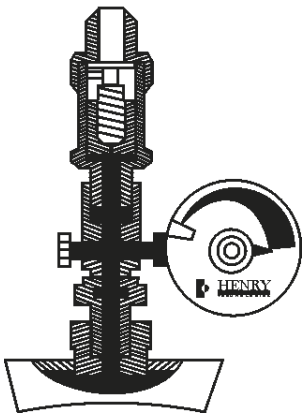
The ASME Code, Section VIII, Division I provides guidelines for the application of Rupture Disc Devices in combination with pressure relief valves. The following summary is from the ASME Code, Section VIII, Division I UG 127. A Rupture Disc Device may be installed between a Pressure Relief Valve and the Vessel provided: The combination of the spring loaded Safety Relief Valve and the Rupture 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 is measured at 10% above its stamped setting, the setting cannot exceed the design pressure of the Vessel. Use of a Rupture Disc Device in combination with a Safety Relief Valve shall be carefully evaluated to ensure that the media being handled and the valve operational characteristics will result in pop action of the Relief Valve coincident with the bursting of the Rupture Disc.

The stamped capacity of a spring loaded Safety Relief 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 a Rupture Disc Device and a Safety Relief 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 pressure builds 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.



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 Combination 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.

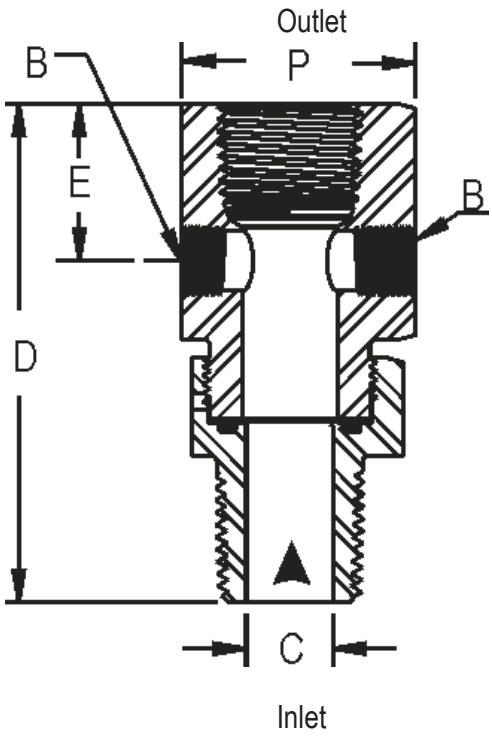


Catalog Number	Type	A Inlet M.P.T.	B Gauge M.P.T.	Dimensions in Inches			Orifice C	Pressure Range, psig	Weight lbs.
				D	E	P Hex			
5525	Brass	3/8”	1/8”	3.25	.77	1.25	.38	150-675	.69
5526	Brass	1/2”	1/8”	3.25	.90	1.25	.50	150-675	.68
5626	Steel	1/2”	1/8”	3.25	.90	1.00	.50	150-450	.62
5627	Steel	3/4”	1/8”	3.25	1.13	1.50	.75	150-450	1.44
5628	Steel	1”	1/8”	3.63	1.25	1.75	1.00	150-450	1.36
5629	Steel	1-1/4”	1/8”	3.75	1.31	2.00	1.312	150-450	1.56

Order Format: 5525-XXX-CE, where “XXX” is stamped burst pressure.

Features:

- **5525 & 5526 brass series**; 5626, 5627, 5628 & 5629 stainless steel series
- **Tested**, certified and “UD” stamped to ASME Section VIII Div I
- **Certified** to conform to the PED 97/23/EC and bears the CE mark
- **Prevents leakage or weeping** of fluids through the relief valve
- **Extra gauge port** for installation of a pressure switch to warn of a refrigerant release caused by a system malfunction
- **A non-fragmenting rupture disc**
- **Rupture disc** assembly factory sealed
- **Standard Tolerance** ± 5 % Burst Pressure



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