

# PRESSURE RELIEF VALVES

## Angle & Straight-Thru Types (150-675 PSIG)



Type 52 Angle



Type 523 &amp; 524



Type 560



Type 534

- **Brass construction set and sealed** at the factory; all N.P.T.F. connections are American Standard dry-seal tapered pipe threads
- **Valves are stamped** with catalog number, size, pressure setting, capacity and ASME-UV National Board symbol; CRN number and flow arrow
- **All N.P.T.F. connections** are American standard dry-seal tapered pipe threads
- **Consistent operation** at marked pressure setting
- **These relief valves** are designed with HENRY'S "Center Loading Pivot" concept allowing the piston to reseat squarely to the body seat, thus reducing the possibilities of leakage
- **Suitable** for refrigerants R22, R134a, R404a, R410a, R500, R502 and other industrial fluids non-corrosive to brass, monel, steel, Neoprene and Teflon.
- **Factory set and sealed**
- **Temperature rating:** -20°F to +160°F
- **Orders must specify** catalog number, pressure setting, and type of refrigerant or fluid with which the valve is to be used; UV/NB certified setting range varies with design, see ratings sheet; contact Henry for non-certified setting range info.

**Selection of Relief Valves.** Most states and municipalities which have refrigeration safety codes conform to the "American Standard Safety Code for Mechanical Refrigeration (ANSI/ASHRAE 15)." This code and ASME states a relief valve setting is not to exceed the design working pressure of the vessel on which the relief valve is installed. The discharge capacity required is based on the size of the vessel and the refrigerant used. The discharge capacity of relief valves varies with the pressure setting. The capacities of Henry Relief Valves at various pressure settings are available by calling the Engineering and Technical Assistance line 1-800-627-5148.

Whenever conditions permit it is highly advisable to have the relief valve pressure setting (which must not exceed the design working pressure of the vessel) at least 25% higher than the normal maximum operating pressure for the refrigerant used.

**Standard pressure settings (brass):** 150, 235, 300, 350, 400, 450 PSIG

**Standard pressure settings (steel):** 150, 250, 300 PSIG

**Standard pressure settings (High Pressure):** 500, 550, 600, 650, 675 PSIG

**Important:** Orders must specify pressure setting.

**Certification:** Available if requested on purchase order, (-C) suffix, i.e. 5600-300-C

**Relief Valve Capacity Ratings:** (Pounds per minute) - Henry Relief valves are constructed and marked in accordance with the requirements of the ASME (Boiler and Pressure Vessel Code Section VIII, Division 1).

These valves are also approved by many local refrigeration and air conditioning codes in the USA and Canada for relief of excess pressure. In addition, these valves are stamped with the ASME UV symbol and NB to indicate National Board certification as to capacities.