

Capacities					
Valve Type	Relief Valve Inlet	Relief Valve Outlet	Pressure Setting psig	Lbs. Per. Min Air	SCFM Air
SRH1	1/2" FPT	3/4" FPT	150	35	463
			200	46	605
			250	57	747
			300	68	889
			350	79	1031
SRH2	1/2" FPT	1" FPT	400	89	1173
			150	35	463
			200	46	605
			250	57	747
			300	68	889
SRH3	3/4" FPT	1" FPT	350	79	1031
			400	89	1173
			150	35	463
			200	46	605
			250	57	747

Selection Data

The Type SRH Safety Relief Valve is intended to prevent the pressure of the vessel from rising more than 10% above the Design Working Pressure (DWP) of the vessel or the pressure setting of the relief device, whichever is the lower pressure.

Whenever conditions permit, it is 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 operating pressure for the refrigerant used.

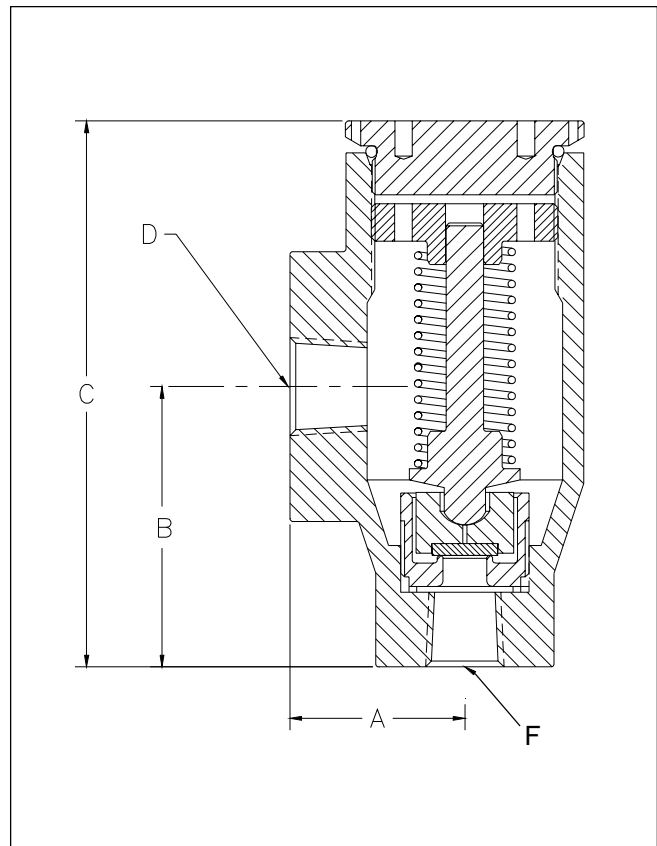
Pressure limiting devices, such as high pressure cutouts on positive displacement compressor systems, must stop the action of the pressure imposing element at no higher than 90% of the pressure setting for the pressure relief device.

For non-positive displacement compressors, the pressure limiting device, such as a high pressure cut-out, may be set at the DWP of the high side; providing, the low side is protected by a properly sized pressure relief device set to relieve pressure at low side DWP and there are no stop valves in the system that isolate the high side from the low side.

Discharge piping from relief devices must not exceed specified lengths indicated in ANSI/ASHRAE 15 with discharge to atmosphere.

Per ANSI/ASHRAE 15 the minimum required discharge capacity of a relief device for each pressure vessel where vessel is valved off from refrigerating systems is determined as follows: $C = FDL$. Where D = outside diameter of vessel, ft.; L = Length of vessel, ft.; C = Capacity, lb/min air and F = Factor determined as follows:

Refrigerant	F
R-717	0.5
R-22, -134a, -500	1.6
R-13, -404A, -502, -507	2.5
All others	1.0



DIMENSIONS IN INCHES					
VALVE	A	B	C	D	F
SRH1	1.562	2.75	5.05	3/4" NPT	1/2" NPT
SRH2	1.562	2.75	5.05	1" NPT	1/2" NPT
SRH3	1.562	2.75	5.92	1" NPT	3/4" NPT

Warranty

All Refrigerating Specialties Products are warranted against defect in workmanship and materials for a period of one year from date of shipment from the factory. This warranty is in force only when products are properly installed, maintained and operated in use and service as specifically stated in Refrigerating Specialties Catalogs or Bulletins for normal refrigeration applications, unless otherwise approved in writing by Refrigerating Specialties Division. Defective products, or parts thereof returned to the factory with transportation charges prepaid and found to be defective by factory inspection will be replaced or repaired at Refrigerating Specialties' option, free of charge, F.O.B. factory. Warranty does not cover products which have been altered or repaired in the field; damaged in transit, or have suffered accidents, misuse, or abuse. Products disabled by dirt, or other foreign substances will not be considered defective.

THE EXPRESS WARRANTY SET FORTH ABOVE CONSTITUTES THE ONLY WARRANTY APPLICABLE TO REFRIGERATING SPECIALTIES PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, WRITTEN OR ORAL, INCLUDING ANY WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE. No employee, agent, dealer or other person is authorized to give any warranties on behalf of Refrigerating Specialties, nor to assume, for Refrigerating Specialties, any other liability in connection with any of its products.