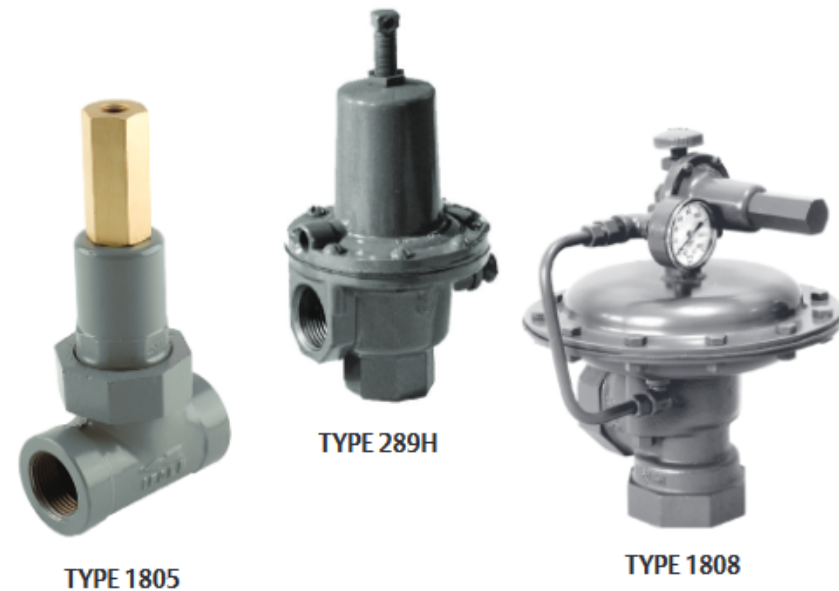


Vapor Relief Valves

Type 1805 – relief valve is designed for installation between the First and Second-Stage regulators or in the downstream line from a high-pressure regulator used for a Final-Stage service where high line pressures are allowed. Available in 1 or 2 in. valve bodies with a temperature rating of -20 to 150°F / -29 to 66°C.

Type 289H – relief valve is designed for installation downstream of larger high-pressure or low-pressure regulators in most all relief applications. The larger diaphragm in this relief valve provides extremely sensitive operation, with a temperature rating of -20 to 150°F / -29 to 66°C.

Types 1808 and 1808A – pilot-operated relief valve is designed to protect large high-pressure regulators by offering extremely high relief capacities compared to the Type 289H. The Type 1808 has a temperature rating of -20 to 180°F / -29 to 82°C.



Vapor Relief Valves									
TYPE	BODY SIZE, IN.	RELIEF START-TO-DISCHARGE		SPRING RANGE		PRESSURE BUILDUP OVER SET PRESSURE		CAPACITY (AIR)	
		psig	bar	psig	bar	psig	bar	SCFH	Nm ³ /h
1805-18P	1 FNPT	15	1.03	5 to 35	0.34 to 2.41	15	1.03	6160 at 30 psig	161 at 2.07 bar
1805-19P	1 FNPT	40	2.75	10 to 60	0.69 to 4.1	15	1.03	3120 at 55 psig	83.62 at 3.79 bar
1805-51P	2 FNPT	15	1.03	5 to 20	0.34 to 1.38	15	1.03	28,500 at 30 psig	748 at 2.07 bar
1805-52P	2 FNPT	40	2.75	10 to 50	0.69 to 3.4	15	1.03	14245 at 55 psig	381.77 at 3.79 bar
1808A-61	2 FNPT, Angle	20	1.4	15 to 40	1.03 to 2.76	10	0.69	78,230 at 30 psig	2053 at 2.07 bar
289H-42	1 FNPT	15	1.03	4 to 15	0.28 to 1.03	15	1.03	33,880 at 30 psig	889 at 2.07 bar
289H-2	2 FNPT	24 in. w.c.	60 mbar	1/2 to 2-1/4	34 to 155 mbar	1.13	78 mbar	15,400 at 2 psig	38 at 138 mbar

NOTE: Some regulators will require more than one relief valve. Consult your local Fisher™ LPG Distributor for proper relief valve sizing.