

FISHER RELIEF VALVES

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SECTION A

FISHER RELIEF VALVES and CONTAINER FITTINGS

Relief Valve for Liquid Service



The Type 98H is a self-operated relief valve for use on relief and back pressure applications involving large liquid LP-Gas pumping systems and vaporizers. Internal pressure registration eliminates the need for a control line.

BODY SIZE	RELIEF RANGE	RELIEF SETTING	Propane Relief Capacity (GPM) at Following Pressure Buildup over Relief Setting					TYPE NUMBER	LIST PRICES
			5psig	10psig	20psig	30psig	50psig		
1/2" FNPT	25-75psig	50psig	5.2	8.0	12.6	16.8	23.1	98H17	503.84
1/2" FNPT	70-140psig	100psig	4.4	7.3	13.6	19.2	27.3	98H18	503.84
3/4" FNPT	70-140psig	100psig	30.8	49.0	67.9	79.8	93.1	98H22	662.96
1" FNPT	70-140psig	100psig	30.8	49.0	67.9	79.8	93.1	98H30	680.64

External Relief Valves



*DOT cylinder water capacity 500 lbs., approved by Bureau of Explosives and CGA.

CONTAINER TYPE	START-TO-DISCHARGE SETTING	CONTAINER CONNECTION	Flow Capacity SCFM Air UL	Accessories (Order Separately)		TYPE NUMBER	LIST PRICES
				Pipeway Adaptor	Protective Cap		
ASME	250psig	1/4" MNPT	310	—	P206	H110250	19.64
		1/2" MNPT	594	P174 (1/2" FNPT)		H135250	35.40
		3/4" MNPT	605			H160250	35.40
	275psig	3/4" MNPT	2,223	—	P145	H185250	61.72
		1/4" MNPT	2,456	—	P143	H185275	61.72
		1/2" MNPT	390	—	—	H110312	19.64
312psig	1/2" MNPT	765	P174 (1/2" FNPT)	P206	H135312	35.40	
	3/4" MNPT	765			H160312	35.40	
	1/2" MNPT	903*			—	H148	35.40
DOT and Hydrostatic Relief	375psig	3/4" MNPT	903*	P174 (1/2" FNPT)	P206	H173	35.40
		1/4" MNPT				H123	19.64
		1/4" MNPT				H120120	39.64
Hydrostatic Relief	120psig	1/4" MNPT	—	—	P206	H124	19.64
		1/2" MNPT				H144	35.40
		3/4" MNPT				H174	35.40

Used on ASME and DOT containers, all working parts of these valves are outside the container connection so they must be protected against mechanical damage. Protective caps are shipped with Fisher external relief valves. Replacement caps may be ordered separately.

Diaphragm Type Relief Valves



The Type 1301F1, 1805 series and 289H2 are diaphragm relief valves that protect piping downstream of a regulator from excessive pressure.

BODY SIZE	RELIEF SETTING	RELIEF RANGE	Propane Relief Capacity at Following Press. Buildup over Relief Setting		TYPE NUMBER	LIST PRICES
			1psig	15psig		
1/4" FNPT	30psig	10-70psig	—	—	1301F1	288.26
1" FNPT	15psig	.5-30psig	—	2,840 SCFH	180518P	288.26
1" FNPT	30psig	10-60psig	—	2,840 SCFH	180519P	288.26
2" FNPT	10psig	5-20psig	—	18,800 SCFH	180551P	724.62
2" FNPT	30psig	10-50psig	—	11,300 SCFH	180552P	724.62
2" FNPT	1.5psig	.5-2.25psig	11,000 SCFH	—	289H2	827.60

CONTAINER FITTINGS

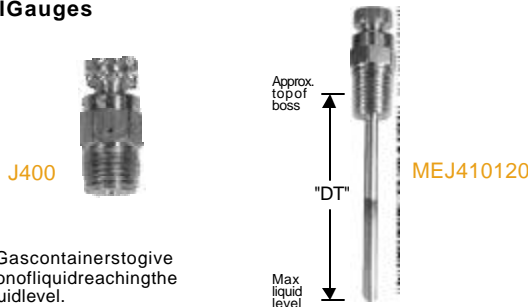
Liquid Transfer Valve



The N456 attaches to a Safe Vac liquid withdrawal valve or similar constructions. The withdrawal valve is activated by means of the M455 adapter that opens the Safe Vac valve the correct distance to permit liquid transfer from the customer tank to the storage tank.

DESCRIPTION	TYPE NUMBER	LIST PRICES
3/4" MNPT inlet by 1-3/4" M. Acme	N456	144.38

Vent Valves and Level Gauges



Used in all kinds of LP-Gas containers to give positive visual indication of liquid reaching the maximum allowable liquid level.

OUTLET LOCATION	LIQUID LEVEL VENT VALVES		TYPE NUMBER	LIST PRICES
Top	Plain	Brass	J400	2.94
	Plain	S. Steel	J402S	46.20

OUTLET LOCATION	FIXED LIQUID LEVEL GAUGE		TYPE NUMBER	LIST PRICES
Top	Plain	Brass	MEJ410120	8.20

LIQUID LEVEL VENT VALVES ACCESSORIES	PART NUMBER	LIST PRICES
Disc Seal	1E7714	1.20
Stem and Disc	1F4595	1.20