

# FISHER VALVES

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SECTION A

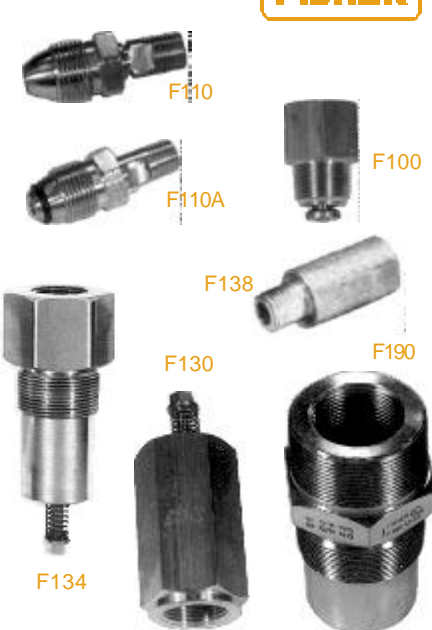
FISHER VALVES

## Back Check Valves



SEAT CONSTRUCTION	CONTAINER OR INLET CONNECTION	OUTLET CONNECTION	PROPANE FLOW CAP. @ 10 PSIG DIFF. PRESSURE	TYPE NUMBER				LIST PRICES
				Brass	Steel	Ductile Iron		
				Standard	Flow Ind.			
Metal to Metal	3/4" MNPT	3/4" FNPT	21 gpm	G100	-	-	-	21.50
	1-1/4" MNPT	1-1/4" FNPT	55 gpm	G101	-	-	-	47.70
	2" MNPT	2" FNPT	150 gpm	G102	-	-	-	155.40
	2" MNPT	2" FNPT	150 gpm	-	G112	-	-	139.28
	2" FNPT	2" FNPT	150 gpm	-	G109	-	-	345.26
Soft Seat	3" MNPT	3" FNPT	250 gpm	-	G104	-	-	395.32
	1-1/4" FNPT	1-1/4" FNPT	190 gpm	-	-	G20010	-	556.12
	1-1/4" FNPT	1-1/4" FNPT	190 gpm	-	-	-	G20110	628.96
	2" FNPT	2" FNPT	350 gpm	-	-	G20016	-	717.70
	2" FNPT	2" FNPT	350 gpm	-	-	-	G20116	733.16
	2" MNPT	2" MP & 1-1/4" FP	137.5 gpm	-	G105	-	-	276.64
	3" FNPT	3" FNPT	800 gpm	-	-	G20024	-	1278.80
	3" FNPT	3" FNPT	800 gpm	-	-	-	G20124	1320.58
	3" MNPT	2" MNPT	254 gpm	-	G106	-	-	491.32
	3" MNPT	3" MP & 2" FP	254 gpm	-	G107	-	-	482.48

## Excess Flow Valves



APPLICATION	INLET CONNECTION	OUTLET CONNECTION	ULTRATED CLOSING FLOW (Horiz.)			TYPE NUMBER		LIST PRICES
			Liquid GPM	Vapor SCFH 25psig inlet	100psig inlet	Brass	Steel	
Portable Service (Torches, Burners, etc.)	Male POL	9/16" - 18 UN FLH	0.7	120	204	F110	-	12.16
			1.5	335	570	F183	-	12.36
	Soft Nose Male POL	9/16" - 18 UN FLH	0.7	120	204	F173	-	11.84
			1.5	335	570	F181	-	11.38
In-Line	1-1/4" MNPT	1/4" FNPT	1.8	377	641	F138	-	39.18
	Male POL	1/2" SAE Flare	1.9	634	1,100	F202	-	47.22
Tanks (Full or Half Coupling)	3/4" MNPT	3/4" FNPT	6.6	1,184	2,012	F170	-	39.18
			8.4	2,010	3,417	F100	-	23.20
	1-1/4" MNPT	1-1/4" FNPT	20	3,459	5,880	F101	-	23.20
			33	6,300	10,630	F102	-	67.60
In-Line	2" MNPT	2" FNPT	55	9,982	16,967	F105	-	67.60
			85	18,513	31,467	F106	-	131.56
	1" FNPT	1" FNPT	100	20,796	35,349	F107	-	126.86
			25	5,287	8,986	F130	-	193.46
Tanks (Full or Half Coupling)	1-1/2" MP x 1" FP	1" FNPT	60	11,694	19,877	F131	-	370.72
			95	19,874	33,877	F132	-	359.92
	2-1/2" M x 1-1/2" F	1-1/2" FNPT	155	29,202	49,718	F133	-	348.72
			28	5,181	8,806	F134	-	486.82
Tanks (Full or Half Coupling)	2" MNPT	2" MP x 1-1/4" FP	60	12,000	20,290	F135	-	583.60
			80	15,400	26,250	-	F190	330.96
	3" MNPT	2" MNPT	105	18,800	32,000	-	F191	330.96
			165	32,800	55,950	-	F194	456.08
3" MP x 2" FP	2" MNPT	260	50,650	86,350	-	F195	456.08	
		165	33,000	56,250	-	F198	546.74	
3" MP x 2" FP	3" MP x 2" FP	260	49,500	84,350	-	F199	546.74	

## Bypass Valves for Large Pumps

Designed for bypass on 2"-4" size pumps, the N100 series is widely used on both LP-Gas and NH3 applications. The throttling action of the N100 allows only surplus pump discharge to be returned to the tank.



PUMP SIZE	BODY SIZE	PSID SETTING	PSID RANGE	TYPE NUMBER	LIST PRICES
2"	1" FNPT	50psig	25-75psig	N100A081	385.46
		115psig	50-150psig	N100A082	373.98
2"-3"	1-1/4" FNPT	50psig	25-75psig	N100A101	485.72
		115psig	50-150psig	N100A102	471.96
4"	2" FNPT	50psig	50-150psig	N100A122	471.96
		115psig	50-150psig	N100161	988.44
				N100162	988.44

## Bypass Valves for Small Pumps



The Type N110 is intended for bypass service on the smaller pumps (5-40 gpm) used on stationary tanks or delivery trucks. Suitable for LP-Gas or NH3 installations, the valve has an internal sensing line.



PUMPING CAPACITY	BODY SIZE	PSID SETTING	PSID RANGE	TYPE NUMBER	LIST PRICES
5-20 gpm	3/4" FNPT	50psig (3.45bar)	25-75psig (1.72-5.17bar)	N110061	298.54
20-40 gpm				N110062	298.54
5-20 gpm	1" FNPT	100psig (6.90bar)	75-150psig (5.17-10.34bar)	N110081	298.54
20-40 gpm				N110082	298.54

## Back Pressure Valves



These valves are soft seated, holding a differential back pressure on liquid meters. Type N120 is installed after the meter, and it holds a back pressure on the meter until vapor is forced back to the tank through the vapor eliminator.



LIQUID METERS SIZE	BODY SIZE	PSID SETTING	PSID RANGE	TYPE NUMBER	LIST PRICES
3/4" or 1"	3/4" FNPT	12psig (0.83bar)	10-20psig (0.69-1.38bar)	N120063	334.98
	1" FNPT			N120083	334.98