



Series
P72

P72 Flowmeters

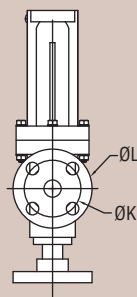
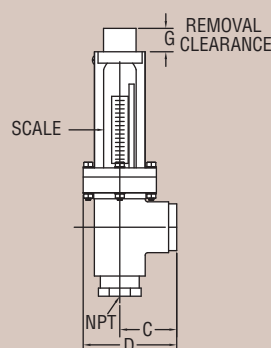
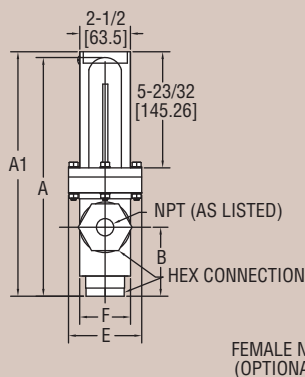
Perfect for Wastewater and Water Treatment Facilities Dealing with Water, Caustics and Chlorines



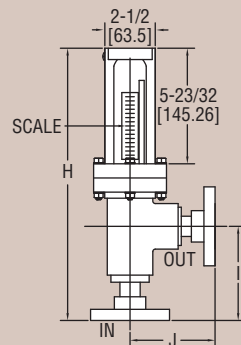
P72-A With Optional NPT



P72-B With Flange



FLANGE VERSION FOR P72-A/P72-B (STANDARD)



NPT OPTION

NPT	A	B	C	D	E	F	G
3/4"	11-1/32 [280.19]	3-25/64 [86.12]	2-53/64 [71.83]	4-43/64 [118.67]	3-39/64 [91.68]	2-35/64 [64.69]	3 [76.2]
1-1/2"	16-15/16 [430.21]	4-1/4 [107.95]	4 [101.6]	6-29/64 [163.91]	5-1/32 [127.79]	3-29/64 [87.71]	5 [127]

Flange	H	I	J	ØK	ØL	# of Bolt Holes	Flange Opening Diameter
3/4"	12-1/4 [311.65]	4-5/8 [117.6]	4-1/16 [103.38]	2-3/4 [69.85]	3-7/8 [98.55]	4	(1-1/8")
1-1/2"	18-5/8 [473.19]	5-15/16 [151.13]	5-11/16 [144.78]	3-7/8 [98.55]	5 [127]	4	(2")
3"	22-35/64 [572.64]	6-7/64 [155.18]	6-7/64 [155.18]	6 [152.4]	7-1/2 [190.5]	4	(3-1/2")
4"	26-3/8 [669.86]	7-1/2 [190.5]	7-1/2 [190.5]	7-1/2 [190.5]	9 [228.6]	8	(4-1/2")

The Series P72 Flowmeters are heavy bodied meters for corrosives, gases, and high purity fluids. These meters are designed specifically for demanding applications. They are economically priced meters ideal for caustic solutions as well as liquid chlorine, sodium hypochlorite and chlorine gas. The Series P72 Flowmeters are suited for water treatment facilities that deal with these aggressive types of gases and fluids. The P72-A is comprised of P72 and polysulfone, while the P72-B has all P72 wetted components for maximum corrosion resistance. Units have a full-scale accuracy of $\pm 2\%$ and can be disassembled quickly without the meter being removed from the pipeline for easy cleaning. The Series P72 Flowmeters are available with standard 3/4", 1-1/2", 3", and 4" flange connections. Optional NPT connections are also available.

OPERATING LIMITS FOR SERIES P72 FLOWMETERS

Maximum Non-Shock Working Pressure, PSIG @ °F (bar @ °C)

Body Size and Description	70°F (21°C)	80°F (26°C)	100°F (37°C)	120°F (48°C)	140°F (60°C)	160°F (71°C)	180°F (82°C)	210°F (98°C)
3/4" P72-NPT connection	270 (19)	270 (19)	250 (17)	200 (10)	150 (10)	130 (9)	80 (6)	50 (3)
1-1/2" P72-NPT connection	180 (12)	180 (12)	170 (11)	145 (10)	115 (8)	75 (5)	50 (3)	30 (2)
3/4" P72-Flange connection	150 (10)	150 (10)	150 (10)	135 (9)	110 (8)	90 (6)	70 (5)	40 (2)
1-1/2" P72-Flange connection	150 (10)	150 (10)	150 (10)	135 (9)	110 (8)	90 (6)	70 (5)	40 (2)
3" and 4" P72-Flange connection	150 (10)	150 (10)	150 (10)	135 (9)	110 (8)	90 (6)	70 (5)	40 (2)

SPECIFICATIONS

Service: Compatible gases or liquids.

Wetted Materials:

P72-A: P72, polysulfone;

P72-B: P72.

Temperature Limits: See operating limits.

Pressure Limits: See operating limits.

Accuracy: $\pm 2\%$ of full scale.

Repeatability: $\pm 1/2\%$ of indicated flow rate.

Process Connections: 3/4", 1-1/2", 3" and 4" flange connection with optional NPT connection available.

Weight: 3 lb (1.4 kg) for 3/4", 9 lb (4.1 kg) for 1-1/2", 14 lb (6.4 kg) for 3", and 18 lb (8.2 kg) for 4".

Model	Range (GPM Cl)	Connection (Flange)
P72-A126	0.03 to 0.62	3/4"
P72-A127	0.05 to 0.92	3/4"
P72-A128	0.07 to 1.39	3/4"
P72-A129	0.09 to 1.89	3/4"
P72-A130	0.12 to 3.00	3/4"
P72-A131	0.17 to 4.39	3/4"
P72-A132	0.23 to 6.24	3/4"
P72-A133	0.23 to 8.08	3/4"
P72-A134	0.23 to 11.55	3/4"
P72-A135	0.69 to 17.32	3/4"
P72-A136	0.58 to 23.09	3/4"
P72-A137	0.58 to 12.50	1-1/2"
P72-A138	0.81 to 17.00	1-1/2"
P72-A139	1.15 to 28.50	1-1/2"
P72-A140	0.58 to 40.00	1-1/2"
P72-A141	1.15 to 57.50	1-1/2"
P72-A142	2.30 to 80.50	1-1/2"
P72-A143	4.50 to 138.50	1-1/2"
P72-A144	2.30 to 57.50	3"
P72-A145	4.62 to 115	3"
P72-A146	8.10 to 175	3"
P72-A147	11.5 to 230	3"
P72-A148	17.0 to 350	3"
P72-A149	4.60 to 115	4"
P72-A150	8.10 to 175	4"
P72-A151	11.5 to 230	4"
P72-A152	17.0 to 350	4"

Model	Range (SCFM Cl2)	Connection (Flange)
P72-A184	0.47 to 11.70	3/4"
P72-A185	0.79 to 16.10	3/4"
P72-A186	1.10 to 22.10	3/4"
P72-A187	1.50 to 31.50	3/4"
P72-A188	1.50 to 41.00	3/4"
P72-A189	1.50 to 55.00	3/4"
P72-A190	3.10 to 78.50	3/4"
P72-A191	4.70 to 110	3/4"
P72-A192	6.30 to 134	3/4"
P72-A193	9.50 to 195	3/4"
P72-A194	9.50 to 250	3/4"
P72-A195	6.30 to 410	3/4"
P72-A196	3.10 to 63	1-1/2"
P72-A197	4.73 to 110	1-1/2"
P72-A198	6.30 to 157	1-1/2"
P72-A199	7.50 to 220	1-1/2"
P72-A200	7.50 to 275	1-1/2"
P72-A201	9.5 to 394	1-1/2"
P72-A202	3.10 to 489	1-1/2"
P72-A203	11.8 to 615	1-1/2"
P72-A204	15.7 to 804	1-1/2"
P72-A205	55.0 to 1180	1-1/2"
P72-A206	31.5 to 1575	1-1/2"
P72-A207	47.0 to 945	3"
P72-A208	63.0 to 1575	3"
P72-A209	110.0 to 2760	3"
P72-A210	157.0 to 3625	3"
P72-A211	253.0 to 5520	3"
P72-A212	63.0 to 1575	4"
P72-A213	70.0 to 1750	4"
P72-A214	110.0 to 2760	4"
P72-A215	235.0 to 5520	4"

Model	Range (SCFM NaOH)	Connection (Flange)
P72-A252	0.44 to 10.75	3/4"
P72-A253	0.70 to 14.75	3/4"
P72-A254	1.00 to 20.40	3/4"
P72-A255	1.45 to 29.15	3/4"
P72-A256	1.45 to 37.90	3/4"
P72-A257	1.45 to 51.50	3/4"
P72-A258	2.92 to 72.90	3/4"
P72-A259	4.38 to 102.10	3/4"
P72-A260	5.80 to 124	3/4"
P72-A261	8.75 to 182	3/4"
P72-A262	8.75 to 233	3/4"
P72-A263	5.80 to 379	3/4"
P72-A264	2.90 to 58.40	1-1/2"
P72-A265	4.38 to 102	1-1/2"
P72-A266	5.80 to 145	1-1/2"
P72-A267	7.30 to 204	1-1/2"
P72-A268	7.30 to 255	1-1/2"
P72-A269	8.75 to 365	1-1/2"
P72-A270	2.9 to 450	1-1/2"
P72-A271	10.9 to 565	1-1/2"
P72-A272	14.5 to 740	1-1/2"
P72-A273	51.1 to 1090	1-1/2"
P72-A274	29.0 to 1450	1-1/2"
P72-A275	44.0 to 875	3"
P72-A276	58.4 to 1450	3"
P72-A277	102.1 to 2550	3"
P72-A278	145 to 3350	3"
P72-A279	218.8 to 5105	3"
P72-A280	58.4 to 1450	4"
P72-A281	102.1 to 2550	4"
P72-A282	145 to 3350	4"
P72-A283	218.8 to 5105	4"

Model	Range (GPM Water)	Connection (Flange)
P72-A000	0.025 to 0.54	3/4"
P72-A001	0.04 to 0.80	3/4"
P72-A002	0.06 to 1.20	3/4"
P72-A003	0.08 to 1.64	3/4"
P72-A004	0.10 to 2.60	3/4"
P72-A005	0.15 to 3.80	3/4"
P72-A006	0.20 to 5.40	3/4"
P72-A007	0.20 to 7.00	3/4"
P72-A008	0.20 to 10.00	3/4"
P72-A009	0.60 to 15.00	3/4"
P72-A010	0.50 to 20.0	3/4"
P72-A011	0.50 to 11.0	1-1/2"
P72-A012	0.70 to 15.0	1-1/2"
P72-A013	1.00 to 25.0	1-1/2"
P72-A014	0.50 to 35.0	1-1/2"
P72-A015	1.00 to 50.0	1-1/2"
P72-A016	2.00 to 70.0	1-1/2"
P72-A017	4.00 to 120	1-1/2"
P72-A018	2.00 to 50.0	3"
P72-A019	4.00 to 100	3"
P72-A020	7.00 to 150	3"
P72-A021	10.0 to 200	3"
P72-A022	15.0 to 300	3"
P72-A023	4.00 to 100	4"
P72-A024	7.00 to 150	4"
P72-A025	10.0 to 200	4"
P72-A026	15.0 to 300	4"

Model	Range (SCFM Air)	Connection (Flange)
P72-A058	0.30 to 7.40	3/4"
P72-A059	0.50 to 10.2	3/4"
P72-A060	0.70 to 14.0	3/4"
P72-A061	1.00 to 20.0	3/4"
P72-A062	1.00 to 26.0	3/4"
P72-A063	1.00 to 35.0	3/4"
P72-A064	2.00 to 50.0	3/4"
P72-A065	3.00 to 70.0	3/4"
P72-A066	4.00 to 85.0	3/4"
P72-A067	6.00 to 125	3/4"
P72-A068	6.00 to 160	3/4"
P72-A069	4.00 to 260	3/4"
P72-A070	2.0 to 40.0	1-1/2"
P72-A071	3.00 to 70.0	1-1/2"
P72-A072	4.00 to 100	1-1/2"
P72-A073	5.00 to 140	1-1/2"
P72-A074	5.00 to 175	1-1/2"
P72-A075	6.00 to 250	1-1/2"
P72-A076	2.0 to 310	1-1/2"
P72-A077	7.50 to 390	1-1/2"
P72-A078	10.0 to 510	1-1/2"
P72-A079	35.0 to 750	1-1/2"
P72-A080	20.0 to 1000	1-1/2"
P72-A081	30.0 to 600	3"
P72-A082	40.0 to 1000	3"
P72-A083	70.0 to 1750	3"
P72-A084	100.0 to 2300	3"
P72-A085	150.0 to 3500	3"
P72-A086	40.0 to 1000	4"
P72-A087	70.0 to 1750	4"
P72-A088	100.0 to 2300	4"
P72-A089	150.0 to 3500	4"

Model	Range (GPM NaOCRI)	Connection (Flange)
P72-A320	0.03 to 0.65	3/4"
P72-A321	0.05 to 0.90	3/4"
P72-A322	0.07 to 1.35	3/4"
P72-A323	0.09 to 1.85	3/4"
P72-A324	0.10 to 2.93	3/4"
P72-A325	0.17 to 4.28	3/4"
P72-A326	0.23 to 6.08	3/4"
P72-A327	0.23 to 7.89	3/4"
P72-A328	0.23 to 11.27	3/4"
P72-A329	0.68 to 16.90	3/4"
P72-A330	0.56 to 22.54	3/4"
P72-A331	0.56 to 12.4	1-1/2"
P72-A332	0.79 to 16.9	1-1/2"
P72-A333	1.13 to 28.2	1-1/2"
P72-A334	0.56 to 39.4	1-1/2"
P72-A335	1.13 to 56.3	1-1/2"
P72-A336	2.25 to 78.9	1-1/2"
P72-A337	4.50 to 135	1-1/2"
P72-A338	2.25 to 56.3	3"
P72-A339	4.50 to 113	3"
P72-A340	7.9 to 169	3"
P72-A341	11.3 to 225	3"
P72-A342	16.9 to 338	3"
P72-A343	4.50 to 112	4"
P72-A344	7.9 to 169	4"
P72-A345	11.2 to 225	4"
P72-A346	16.9 to 338	4"

Note: For all P72 construction, change "A" to "B". Consult website or factory for ordering code and pricing.
Meters available with optional 3/4" and 1-1/2" female NPT connections instead of flange.