

Applications

A heavy duty pressure regulating valve, for use in irrigation systems like residential and commercial turf/ landscaping, drip and other low flow micro, centre pivot, nurseries and greenhouses.

Features

- Wide operating flow range 1.9 to 45 L/m
- 7 models effectively regulate downstream pressures at the following settings: 69, 103, 138, 173, 208, 242 and 276 kPa all preset to exacting factory specifications
- High strength ABS construction – impact resistant
- 20 mm FBSP inlet and outlet
- Tamper-proof joints sonically welded to eliminate unauthorized changes to pressure settings

Specifications

- Body: chemical resistant ABS plastic
- Diaphragm: EPDM
- Spring: stainless steel
- Inlet: 20 mm (¾") FBSP
- Outlet: 20 mm (¾") FBSP
- Overall length: 102 mm
- Outside diameter: 47 mm
- Operating pressure range: 70-1104kPa



101PR10

Ordering Information

Code	Description
101PR10	Pressure Regulator – 69 kPa
101PR15	Pressure Regulator – 103 kPa
101PR20	Pressure Regulator – 138 kPa
101PR25	Pressure Regulator – 173 kPa
101PR30	Pressure Regulator – 208 kPa
101PR35	Pressure Regulator – 242 kPa
101PR40	Pressure Regulator – 276 kPa

Performance

	kPa	Input Pressure											
		69	103	138	208	276	345	414	552	690	827	965	1104
Flow	Litres	Output Pressure (kPa)											
	1.9	68	68	68	68	68	70	72	78	84	88	92	92
	3.8	68	69	69	69	69	69	69	69	70	70	73	73
	11.4	65	70	70	70	70	70	70	70	70	67	67	67
	22.7	49	66	72	72	72	72	72	72	72	72	72	72
	34.1	32	44	56	71	73	73	73	73	74	77	80	83
	45.4	32	44	56	71	73	73	73	73	74	77	80	83
101PR15													
Flow	1.9			102	105	105	106	108	112	117	120	124	125
	3.8			103	105	105	105	105	106	107	108	109	109
	11.4			105	105	105	106	106	107	107	108	109	108
	22.7			90	104	104	104	104	104	104	104	104	104
	34.1			73	93	108	108	108	108	108	108	110	112
	45.4			59	79	97	110	112	112	113	117	122	125
101PR20													
Flow	1.9			135	138	138	138	138	138	142	145	148	151
	3.8			134	136	137	137	137	137	137	138	139	139
	11.4			130	136	137	137	137	137	137	137	137	137
	22.7			99	133	136	136	136	135	135	134	133	133
	34.1			80	110	133	138	138	138	138	138	138	138
	45.4			68	90	122	132	138	138	138	141	145	147
101PR25													
Flow	1.9			160	162	163	165	168	173	184	191	191	191
	3.8			161	161	162	163	163	167	168	170	171	171
	11.4			163	163	163	163	163	163	163	163	163	163
	22.7			148	162	162	162	162	162	162	162	163	163
	34.1			129	151	162	163	163	165	165	165	165	165
	45.4			102	136	147	165	169	171	172	172	174	177
101PR30													
Flow	1.9			200	201	203	206	214	217	219	226	231	231
	3.8			200	200	203	203	207	207	210	210	214	214
	11.4			200	203	202	204	204	204	205	205	205	205
	22.7			159	193	197	200	202	203	203	203	203	203
	34.1			138	165	186	200	203	203	203	203	203	203
	45.4			117	152	171	200	207	210	210	210	210	210
101PR35													
Flow	1.9				241	241	241	243	248	252	255	261	261
	3.8				237	239	239	240	241	245	246	248	248
	11.4				234	239	239	239	239	239	239	239	239
	22.7				209	236	236	236	236	236	238	238	238
	34.1				199	221	234	236	236	236	236	236	236
	45.4				158	200	221	245	245	245	245	245	245
101PR40													
Flow	1.9				269	276	279	283	290	293	296	300	300
	3.8				269	276	276	276	276	283	283	283	283
	11.4				255	276	276	276	276	276	276	276	276
	22.7				221	255	269	276	276	276	276	276	276
	34.1				200	248	269	276	276	276	276	276	276
	45.4				165	207	248	283	283	283	283	283	285