






STANDARD PRESSURE SETTINGS AND CONVERSION TABLES

LOW PRESSURE - up to 120 kPa

FV PRESSURE REDUCING VALVE	EVT EXPANSION VALVE	RV RELIEF VALVE	TAG COLOUR
37 (kPa)	N/A	OPEN VENTED	
65	75	75	
110	120	120	

HIGH PRESSURE - above 120 kPa

LV PRESSURE LIMITING VALVE	EVT EXPANSION VALVE	TPR TEMPERATURE PRESSURE RELIEF VALVE	TAG COLOUR
350 (kPa)	500	850/1000/1400	
500	700	850/1000/1400	

kPa	BAR	METRE HEAD	FOOT HEAD	P.S.I.
5	0.05	0.5	1.7	0.7
10	0.1	1.0	3.3	1.5
20	0.2	2.0	6.7	2.9
30	0.3	3.1	10.0	4.4
37	0.37	3.77	12.4	5.4
40	0.4	4.1	13.4	5.8
50	0.5	5.1	16.7	7.3
60	0.6	6.1	20.1	8.7
70	0.7	7.1	23.4	10.2
75	0.75	7.65	25.1	10.9
80	0.8	8.2	26.8	11.6
90	0.9	9.2	30.1	13.1
100	1.0	10.2	33.5	14.5
120	1.2	12.2	40.1	17.4

kPa	BAR	METRE HEAD	FOOT HEAD	P.S.I.
200	2.0	20.4	66.9	29.0
300	3.0	30.6	100.4	43.5
350	3.5	35.7	117.1	50.8
400	4.0	40.8	133.8	58.0
500	5.0	51.0	167.3	72.5
600	6.0	61.2	200.7	87.1
700	7.0	71.4	234.2	101.5
800	8.0	81.6	267.6	116.1
900	9.0	91.8	301.0	130.6
1000	10.0	102.0	334.6	145.0

1 P.S.I = 6.89 kPa (7 nominal)
 1 bar = 100 kPa
 1 kPa = 0.145 P.S.I.