



RIPTIDE PRV™



PSI	1.25"	1.75"	2"	PSI	1.75"	2"
1	-	-	-	51	737.6	1095.6
2	66.6	-	-	52	744.8	1106.2
3	81.5	-	-	53	751.9	1116.8
4	84.1	-	-	54	759.0	1127.3
5	105.3	-	-	55	766.0	1137.7
5.86	113.9	250.0	-	56	772.9	1148.0
6	115.3	253.0	-	57	779.8	1158.2
7	124.5	273.3	-	58	786.6	1168.3
8	133.1	292.1	-	59	793.4	1178.4
9	141.2	309.9	-	60	800.1	1188.3
10	148.9	326.6	485.1	61	806.7	1198.2
11	156.1	342.6	508.8	62	813.3	1207.9
12	163.1	357.8	531.4	63	819.8	1217.6
13	169.7	372.4	553.1	64	826.3	1227.3
14	176.1	386.5	574.0	65	832.7	1236.8
15	182.3	400.0	594.1	66	839.1	1246.3
16	188.3	413.2	613.6	67	845.4	1255.7
17	194.1	425.9	632.5	68	851.7	1265.0
18	199.7	438.2	650.9	69	858.0	1274.3
19	205.2	450.2	668.7	70	864.2	1283.5
20	210.5	461.9	686.1	71	870.3	1292.6
21	215.7	473.3	703.0	72	876.4	1301.7
22	220.8	484.5	719.6	73	882.5	1310.7
23	225.7	495.4	735.7	74	888.5	1319.7
24	230.6	506.0	751.5	75	894.5	1328.6
25	235.4	516.4	767.0	76	900.4	1337.4
26	240.0	526.7	782.2	77	906.3	1346.2
27	244.6	536.7	797.1	78	912.2	1354.9
28	249.1	546.5	811.8	79	918.0	1363.5
29	253.5	556.2	826.1	80	923.8	1372.1
30	257.8	565.7	840.3	81	929.6	-
31	262.1	575.1	854.1	82	935.3	-
32	266.3	584.3	867.8	83	941.0	-
33	270.4	593.3	881.3	84	946.6	-
34	274.5	602.3	894.5	85	952.3	-
35	278.5	611.1	907.6	86	957.9	-
36	282.4	619.7	920.5	87	963.4	-
37	286.3	628.3	933.1	88	968.9	-
38	290.2	636.7	945.7	89	974.4	-
39	294.0	645.0	958.0	90	979.9	-
40	297.7	653.2	970.2	91	985.3	-
41	301.4	661.4	982.3	92	990.7	-
42	305.1	669.4	994.2	93	996.1	-
43	308.7	677.3	1006.0	94	1001.4	-
44	312.2	685.1	1017.6	95	-	-
45	315.8	692.9	1029.1	96	-	-
46	319.3	700.5	1040.5	97	-	-
47	322.7	708.1	1051.7	98	-	-
48	-	715.6	1062.8	99	-	-
49	-	723.0	1073.9	100	-	-
50	-	730.4	1084.8			

All laboratory instrumentation used in the creation of this chart is ISO 17025 traceable.

Readings were found to be accurate to within +/-3%.

VENTURI	AVERAGE K	FLOW RANGE
1.25"	47.07	66.6 - 322.7
1.75"	103.29	250.0 - 1001.4
2"	153.41	485.1 - 1372.1

$$Q = K \sqrt{P}$$

1.25"

Refer to this column when operating the 1.25" Riptide PRV™.

1.75"

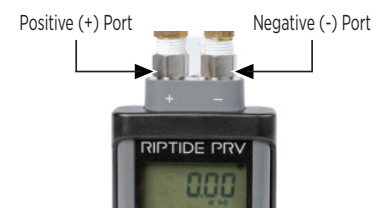
Refer to this column when operating the 1.75" Riptide PRV™.

2"

Refer to this column when operating the 2" Riptide PRV™.

RATED INLET PRESSURE

250 PSI



Connect the hose attached to the designated positive (+) port on the Manometer to the designated High Pressure port on the Riptide PRV. Then connect the hose attached to the designated negative (-) port on the Manometer to the designated Low Pressure port on the Riptide PRV.



FIRE PUMP FLOW TESTING EQUIPMENT UNIT EX29051 THE RIPTIDE FLOW TESTING SYSTEM PRV

AS TO FLOW MEASUREMENT ACCURACY SPECIFIED BY THE MANUFACTURER WHEN INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS



(503) 482-8999 | WWW.HYDRA-TAP.COM | CUSTOMERSERVICE@HYDRA-TAP.COM

USE OF THIS PRODUCT IS AT YOUR OWN RISK

