



PITOTLESS ALX™



PSI	1.125"	1.625"	1.875"	PSI	1.125"	1.625"	1.875"
1	-	-	-	51	279.0	673.0	1027.8
2	-	-	-	52	281.7	679.5	1037.8
3	67.7	-	-	53	284.4	686.0	1047.8
4	78.1	-	-	54	287.1	692.5	1057.6
5	87.4	-	-	55	289.8	698.9	1067.4
6	95.7	230.8	-	56	292.4	705.2	1077.0
7	103.4	249.3	-	57	295.0	711.5	1086.6
8	110.5	266.5	-	58	297.5	717.7	1096.1
9	117.2	282.7	-	59	300.1	723.8	1105.5
10	123.6	298.0	455.1	60	302.6	729.9	1114.8
11	129.6	312.5	477.3	61	305.1	736.0	1124.1
12	135.3	326.4	498.6	62	307.6	742.0	1133.3
13	140.9	339.8	518.9	63	310.1	748.0	1142.4
14	146.2	352.6	538.5	64	312.6	753.9	1151.4
15	151.3	365.0	557.4	65	315.0	759.7	1160.3
16	156.3	376.9	575.7	66	317.4	765.6	1169.2
17	161.1	388.5	593.4	67	319.8	771.3	1178.1
18	165.8	399.8	610.6	68	322.2	777.1	1186.8
19	170.3	410.8	627.3	69	-	782.8	1195.5
20	174.7	421.4	643.6	70	-	788.4	-
21	179.0	431.8	659.5	71	-	794.0	-
22	183.3	442.0	675.1	72	-	799.6	-
23	187.4	451.9	690.2	73	-	805.1	-
24	191.4	461.7	705.1	74	-	810.6	-
25	195.4	471.2	719.6	75	-	816.1	-
26	199.2	480.5	733.9	76	-	821.5	-
27	203.0	489.7	747.8	77	-	826.9	-
28	206.7	498.6	761.6	78	-	832.3	-
29	210.4	507.5	775.0	79	-	837.6	-
30	214.0	516.1	788.3	80	-	842.9	-
31	217.5	524.7	801.3	81	-	848.1	-
32	221.0	533.1	814.2	82	-	853.3	-
33	224.4	541.3	826.8	83	-	858.5	-
34	227.8	549.5	839.2	84	-	863.7	-
35	231.1	557.5	851.5	85	-	868.8	-
36	234.4	565.4	863.5	86	-	873.9	-
37	237.7	573.2	875.5	87	-	879.0	-
38	240.8	580.9	887.2	88	-	884.0	-
39	244.0	588.5	898.8	89	-	-	-
40	247.1	596.0	910.2	90	-	-	-
41	250.2	603.4	921.6	91	-	-	-
42	253.2	610.7	932.7	92	-	-	-
43	256.2	617.9	943.8	93	-	-	-
44	259.2	625.1	954.7	94	-	-	-
45	262.1	632.1	965.5	95	-	-	-
46	265.0	639.1	976.1	96	-	-	-
47	267.9	646.0	986.7	97	-	-	-
48	270.7	652.9	997.1	98	-	-	-
49	273.5	659.6	1007.5	99	-	-	-
50	276.3	666.3	1017.7	100	-	-	-

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

Readings were found to be accurate to within +/-1.25%.

D (in)	AVERAGE C	FLOW RANGE
1.125"	1.0345	67.7 - 322.2
1.625"	1.1959	230.8 - 884.0
1.875"	1.3719	455.1 - 1195.5

$$Q = 29.84 \times C \times D^2 \times \sqrt{P}$$

1.125"

Refer to this column when operating The Riptide™ with a 1.125" Pitotless Waterway

1.625"

Refer to this column when operating The Riptide™ with a 1.625" Pitotless Waterway

1.875"

Refer to this column when operating The Riptide™ with a 1.875" Pitotless Waterway

MULTI-STREAM OPERATION

Readings should be taken at each stream with each independent correlating GPM added together to determine the total volume flowing.



FIRE PUMP FLOW TESTING EQUIPMENT UNIT EX29051 THE RIPTIDE FLOW TESTING SYSTEM PITOTLESS ALX

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

