



INSTRUCTIONS for MODEL II 2-1/2" Hose Monster®

The Hose Monster Model II, 2-1/2" is intended for use with a 2-1/2" hose. THE HOSE MONSTER SHOULD NOT BE ATTACHED DIRECTLY TO A HYDRANT OR TEST HEADER VALVE. If thread adapters are used, do not connect them to the Hose Monster. Instead, connect the adapter to the inlet side of the hose. If you have a special application, please call us first.

BEFORE STARTING FLOW

Secure the male end of the hose to the female inlet of The Hose Monster.

Install the gauge kit or quick disconnect male fitting in the 1/4" IPT pitot outlet. IMPORTANT - Use the wrench boss on the outlet end of the pitot as a holdback. Excessive tightening of the gauge or adapter into the gauge port of the pitot can result in damage to the pitot. If you attach the gauge kit directly to the pitot outlet, position the gauge so that it can be read with the pitot in the upstream position.

Place The Hose Monster in a location with sufficient drainage that allows safe water discharge.

Check hose connections.

Check water discharge path.

Remove the pitot locking-pin, turn the pitot handle away from the hose coupling (pitot inlet downstream) and replace pitot locking-pin.

START WATER FLOW SLOWLY

Slowly open the valve to start the water flow. Remove any kinks that may appear in the hose.

After the water appears free of debris, remove the pitot locking-pin, rotate the pitot handle toward the 2-1/2" hose inlet (pitot inlet upstream) and replace the locking-pin.

Vent the air from the gauge by opening the draincock in the gauge kit until water comes out. CLOSE THE DRAINCOCK. Visually check that all connections between the pitot outlet and the gauge are not leaking.

When the water is discharging safely, adjust the water control valve slowly to obtain the desired flow rate.

WHEN TEST IS COMPLETE

Slowly close the water control valve. Rapid closing of a valve under flow can create a severe water hammer and damage a water system. The Hose Monster transports best with the pitot handle pinned in the downstream position.

PITOT REPLACEMENT

Debris in the flowing water can damage the pitot. The usual indication will be that the pitot pressure is zero. A visual inspection through the air vent opening will usually determine if the pitot is damaged. The pickup tube should be straight and without damage. We have a pitot repair service. If your pitot is damaged, contact us for details.

MANUFACTURED BY: HYDRO FLOW PRODUCTS, INC.

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HOSE MONSTER®

Model II FLOW CHART

PITOT DIAMETER ORIFICE

PSI	2 1/2"	1 3/4"	1 1/8"
10	533	282	118
11	559	295	124
12	584	308	129
13	608	321	135
14	631	333	140
15	653	345	145
16	675	356	149
17	695	367	154
18	716	378	159
19	735	388	163
20	754	398	167
21	773	408	171
22	791	418	175
23	809	427	179
24	826	436	183
25	843	445	187
26	860	454	191
27	876	463	194
28	893	471	198
29	908	479	201
30	924	488	205
31	939	496	208
32	954	504	211
33	969	511	215
34	984	519	218
35	998	527	221
36	1012	534	224
37	1026	542	227
38	1040	549	230
39	1053	556	233
40	1067	563	236
41	1080	570	239
42	1093	577	242

PITOT DIAMETER ORIFICE

PSI	2 1/2"	1 3/4"	1 1/8"
43	1106	584	245
44	1119	591	248
45	1131	597	251
46	1144	604	253
47	1156	610	256
48	1168	617	259
49	1180	623	262
50	1192	630	264
51	1204	636	267
52	1216	642	269
53	1228	648	272
54	1239	654	275
55	1251	660	277
56	1262	666	280
57	1273	672	282
58	1284	678	285
59	1295	684	287
60	1306	690	289
61	1317	695	292
62	1328	701	294
63	1338	707	297
64	1349	712	299
65	1359	718	301
66	1370	723	304
67	1380	729	306
68	1390	734	308
69	1401	740	310
70	1411	745	313
71	1421	750	315
72	1431	756	317
73	1441	761	319
74	1451	766	321
75	1460	771	324

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