



**MATERIALS OF CONSTRUCTION**

- *Top and bottom domes:* Injection molded copolymer polypropylene
- *Shell:* Extruded copolymer polypropylene
- *Outer shell:* Fiberglass-wound, coated with epoxy resin
- *Water chambers:* Top diaphragm is 100% butyl rubber, lower water chamber is copolymer polypropylene
- *Base:* Copolymer polypropylene
- *Connection:* Rigid Schedule 80 PVC
- *Air valve:* Easy to access brass valve with o-ring seal
- *Warranty:* 5 year limited



**COMPOSITE TANK DIMENSIONS**

Model	Total Tank Volume		A Height		B Floor to CL		C Diameter		D CL to fitting end		E Connection	Total Weight	
	gal	liters	in	cm	in	cm	in	cm	in	cm		lbs	kilos
H2PL 15	15	56.8	25.60	64.0	1.75	4.4	16.5	41.9	9.4	23.9	1" NPT	19.0	8.6
H2PL 22	22	83.3	34.10	84.1	1.75	4.4	16.5	41.9	9.4	23.9	1" NPT	24.0	10.9
H2PL 35	35	132.5	48.90	121.7	1.75	4.4	16.5	41.9	9.4	23.9	1" NPT	33.5	15.2
H2PL 38SQ	38	143.8	29.75	74.7	2.25	5.7	24.2	61.5	11.9	30.2	1 1/4" sch 80	35.0	15.9
H2PL 50	50	189.3	43.30	109.0	2.25	5.7	21.4	54.4	11.9	30.2	1 1/4" NPT	47.0	21.3
H2PL 65	65	246.0	51.30	129.3	2.25	5.7	21.4	54.4	11.9	30.2	1 1/4" NPT	58.0	26.3
H2PL 82	82	310.4	64.70	163.3	2.25	5.7	21.4	54.4	11.9	30.2	1 1/4" NPT	69.5	31.5
H2PL 90	90	340.7	57.00	143.8	2.25	5.7	24.2	61.5	13.4	34.0	1 1/4" NPT	77.0	34.9
H2PL 120	119	450.4	72.10	182.1	2.25	5.7	24.2	61.5	13.4	34.0	1 1/4" NPT	99.5	45.1

Maximum working pressure 125 psig. Maximum working temperature, internal & external 120° F. Tank pre-charge 38 psig.

**QUICK SIZING CHART**

Model	Total Tank Volume		Total Drawdown*					
	gal	liters	20/40		30/50		40/60	
	gal	liters	gal	liters	gal	liters	gal	liters
H2PL 15	15	56.8	6.00	24.1	5.1	20.4	4.4	17.7
H2PL 22	22	83.3	8.80	32.2	7.5	27.2	6.5	23.6
H2PL 35	35	132.5	14.10	52.3	11.9	44.2	10.3	38.3
H2PL 38SQ	38	143.8	13.89	51.8	11.8	44.0	10.5	39.4
H2PL 50	50	189.3	20.10	76.4	17.0	64.6	14.7	56.0
H2PL 65	65	246.0	26.10	100.5	22.1	85.0	19.1	73.6
H2PL 82	82	310.4	33.00	120.7	27.9	102.0	24.1	88.4
H2PL 90	90	340.7	36.20	136.7	30.6	115.6	26.5	100.1
H2PL 120	119	450.4	47.90	181.0	40.5	153.0	35.0	132.5

\*Total drawdown assumes tank pre-charge set at 2 psi below cut-in pressure. Drawdown can be affected by many factors, including temperature, pressure, and elevation.

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