



# DIAPHRAGM TANKS

HYDROPRO® WATER SYSTEM TANK

### FEATURES

**Horizontal Models:** Feature a universal jet pump bracket and two (2) bolt-on, corrosion-resistant, high density polypropylene feet for installations with limited headspace, such as under mobile homes.

**Deep Drawn Steel Shells:** Provide maximum material strength.

**Inner Shell:** Prevents diaphragm from over-expanding.

**Heavy Duty Diaphragm:** Made of finest quality butyl rubber. Separates air and water, maintains air charge.

**Interior Tank Lining:**

- Stand models feature durable polypropylene liner. Meets FDA requirements.
- Mounted pump models feature fusion bonded polymeric lining. Meets FDA requirements.

**Maximum Working Pressure:** 125 psi (except mounted pump models, 100 psi).

**Temperature Rating:** Maximum 120° F

**Stainless Steel System Connection:** On all Stand, In-Line, Buried and Horizontal models.

**Appliance Appearance Exterior Finish:** Blue color, high durability exterior finish of tough, powder coat over a zinc phosphate surface treatment.

Tanks are designed for installation indoors or where they are protected from rain, irrigation overspray, salt air and other corrosive environments. Always protect tanks from freezing.

**Heavy Duty Base:** Made of high density polypropylene.

**Pre-charge:** All tanks charged to 38 PSI.



Certified to NSF/ANSI 61-G



Horizontal Models with Pump Mounting  
V25H V45H V60H

- Stand Models
- V45 V140
  - V60 V200
  - V80 V250
  - V100 V260
  - V100S V350

- In-Line Models
- V6P V15P
  - V25P V45P

- Mounted Pump Models
- V60MP V60PST
  - V45MP V45PST

- Stand Model with Base Extension
- V80EX

Models	Model No.	Total Volume (Gals.)	Drawdown in Gallons at System Operating Pressure Range of			Maximum Drawdown Vol. (Gals.)	Pre-Charge PSI	System Connection	Dimensions		Shipping Weight	Height From Floor to Center of Base Opening
			20/40 PSIG	30/50 PSIG	40/60 PSIG				Diameter	Height		
Stand Models	V45	13.9	5.1	4.3	3.7	8.4	38	1" NPTF	15 3/8	24 15/16	23	3 1/8
	V60	19.9	7.3	6.1	5.3	12.1	38	1" NPTF	15 3/8	32 3/8	34	
	V80	25.9	8.9	7.7	6.7	13.9	38	1" NPTF	15 3/8	39 7/16	43	
	V80EX	25.9	8.9	7.7	6.7	13.9	38	1" NPTF	15 3/8	42 5/8	43	7 1/4
	V100	31.8	11.8	9.9	8.6	13.8	38	1" NPTF	15 3/8	47 1/4	52	3 3/8
	V100S	31.8	11.8	9.9	8.6	13.8	38	1" NPTF	22	28	56	3 3/8
	V140	45.2	16.5	13.9	12.1	27.3	38	1 1/4" NPTF	22	36 7/16	64	
	V200	65.1	23.9	20.0	17.4	39.3	38	1 1/4" NPTF	22	48 5/8	89	
	V250	83.5	30.9	25.9	22.5	50.8	38	1 1/4" NPTF	26	46	116	
	V260	84.9	31.2	26.2	22.8	44.7	38	1 1/4" NPTF	22	60 1/16	113	3 3/8
V350	115.9	42.9	35.9	31.3	70.5	38	1 1/4" NPTF	26	61 3/16	161	3 1/2	
Mounted Pump Models*	V45MP	13.9	5.1	4.3	3.7	8.4	38	3/4" Pipe	15 3/8	25 1/16	28	
	V60MP	19.9	7.3	6.1	5.3	12.1	38	3/4" Pipe	15 3/8	33 1/8	40	
	V45PST	13.9	5.1	4.3	3.7	8.4	38	3/4" Pipe	15 3/8	25 1/16	28	
	V60PST	19.9	7.3	6.1	5.3	12.1	38	3/4" Pipe	15 3/8	33 1/8	40	
Buried Models	V60B	19.9	7.3	6.1	5.3	12.1	38	1" NPTM	15 3/8	28 1/2	33	
	V140B	45.2	16.5	13.9	12.1	27.3	38	1 1/4" NPTM	22	32 3/16	63	
In-Line Models	V6P	2.0	0.7	0.6	0.5	1.2	38	3/4" NPTM	8	11 15/16	8	
	V15P	4.5	1.7	1.4	1.2	2.7	38	3/4" NPTM	11	13 15/16	12	
	V25P	8.2	3.1	2.6	2.2	4.5	38	3/4" NPTM	11	23 1/16	21	
	V45P	13.9	5.1	4.3	3.7	8.4	38	1" NPTM	15 3/8	21 1/16	24	
Horizontal Models w/Bracket	V25H	8.2	3.1	2.6	2.2	4.5	38	3/4" NPTM	11	24 7/16	23	
	V45H	13.9	5.1	4.3	3.7	8.4	38	1" NPTM	15 3/8	22 7/16	26	
	V60H	19.9	7.3	6.1	5.3	12.1	38	1" NPTF	15 3/8	33 7/8	36	

### NOTES:

\* Compatible with only certain Goolds jet pumps.

P = Pipe mounted      EX = With base extension      B = Buried  
 MP = Mounted pump      PST = Pump system tank      H = Horizontal with bracket

(All dimensions are in inches and weight in lbs. Do not use for construction purposes.)

### ACCESSORIES



**AW39 Bracket:**  
 Universal pump mounting bracket for use on all stand model tanks.



**AWT1 Base Extension:**  
 For use on 15 3/8" models. Provides 4 1/8" base elevation. Supplied in quantities of six (6) per carton.

Order No.	Description	Wt. (lbs.)
AW39	Universal Jet Pump Bracket	2
AWT1	Tank Base Extension (Qty. 6)	5