



# Diaphragm Tanks

## HYDRO-PRO® 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 parabolic diaphragm:** this new diaphragm design has improved diaphragm life by reducing abrasive wear. The diaphragm separates air and water to maintain the tank's air charge. The Butyl rubber diaphragm is an FDA approved material and also meets NSF / ANSI 61 – G standards.

### Interior tank lining:

- Stand models and V45P feature durable polypropylene liner. Meets FDA requirements.
- Mounted pump models and V6P, V15P, V25P, V25H, and V100S 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. Excludes the V6P, V15P and V25P, which are powder coated.

**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 on stand models only.

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



Certified to NSF/ANSI 61-G



### Stand models

V45	V140
V60	V200
V80	V250
V100	V260
V100S	V350



### In-line models

V6P	V15P
V25P	V45P



Horizontal models with pump mounting  
V25H V45H V60H



Stand model  
with base extension  
V80EX

Model	Model no.	Total volume gals. (L)	Drawdown in gals. at system operating pressure range of			Max drawdown gals. (L)	Pre-charge PSI	System connection in. (mm)	Dimensions in. (mm)		Shipping weight lbs. (kg)	Height from floor to center of base opening in. (mm)
			20/40 PSIG	30/50 PSIG	40/60 PSIG				Diameter	Height		
Stand models	V45	13.9 (53)	5.1	4.3	3.7	8.4 (32)	38	1" NPTF (25)	15 <sup>3</sup> / <sub>8</sub> (391)	24 <sup>15</sup> / <sub>16</sub> (633)	23 (10)	3 <sup>1</sup> / <sub>8</sub> (79)
	V60	19.9 (75)	7.3	6.1	5.3	12.1 (46)	38	1" NPTF (25)	15 <sup>3</sup> / <sub>8</sub> (391)	32 <sup>3</sup> / <sub>8</sub> (822)	34 (15)	
	V80	25.9 (98)	8.9	7.7	6.7	13.9 (53)	38	1" NPTF (25)	15 <sup>3</sup> / <sub>8</sub> (391)	39 <sup>9</sup> / <sub>16</sub> (1005)	43 (20)	
	V80EX	25.9 (98)	8.9	7.7	6.7	13.9 (53)	38	1" NPTF (25)	15 <sup>3</sup> / <sub>8</sub> (391)	42 <sup>5</sup> / <sub>8</sub> (1083)	43 (20)	7 <sup>1</sup> / <sub>4</sub> (184)
	V100	31.8 (120)	11.8	9.9	8.6	13.8 (52)	38	1" NPTF (25)	15 <sup>3</sup> / <sub>8</sub> (391)	47 <sup>1</sup> / <sub>4</sub> (1200)	52 (24)	3 <sup>1</sup> / <sub>8</sub> (79)
	V100S ①	36 (136)	13.3	11.2	9.7	15.3 (58)	38	1" NPTF (25)	20 (508)	32 (813)	54 (24)	3 <sup>3</sup> / <sub>8</sub> (86)
	V140	45.2 (171)	16.5	13.9	12.1	27.3 (103)	38	1 <sup>1</sup> / <sub>4</sub> " NPTF (32)	22 (559)	36 <sup>9</sup> / <sub>16</sub> (929)	64 (29)	
	V200	65.1 (246)	23.9	20.0	17.4	39.3 (149)	38	1 <sup>1</sup> / <sub>4</sub> " NPTF (32)	22 (660)	48 <sup>5</sup> / <sub>16</sub> (1235)	89 (40)	
	V250	83.5 (316)	30.9	25.9	22.5	50.8 (192)	38	1 <sup>1</sup> / <sub>4</sub> " NPTF (32)	26 (391)	46 (1168)	116 (53)	3 <sup>1</sup> / <sub>2</sub> (89)
	V260	84.9 (321)	31.2	26.2	22.8	44.7 (169)	38	1 <sup>1</sup> / <sub>4</sub> " NPTF (32)	22 (559)	60 <sup>11</sup> / <sub>16</sub> (1541)	113 (51)	3 <sup>3</sup> / <sub>8</sub> (86)
	V350	115.9 (439)	42.9	35.9	31.3	70.5 (267)	38	1 <sup>1</sup> / <sub>4</sub> " NPTF (32)	26 (660)	61 <sup>5</sup> / <sub>16</sub> (1557)	161 (73)	3 <sup>1</sup> / <sub>2</sub> (89)
Buried models ②	V60B	19.9 (75)	7.3	6.1	5.3	12.1 (46)	38	1" NPTF (25)	15 <sup>3</sup> / <sub>8</sub> (391)	28 <sup>1</sup> / <sub>2</sub> (724)	33 (15)	63 (29)
	V140B	45.2 (171)	16.5	13.9	12.1	27.3 (103)	38	1 <sup>1</sup> / <sub>4</sub> " NPTF (32)	22 (559)	32 <sup>3</sup> / <sub>16</sub> (818)	63 (29)	
In-line ① models	V6P	1.9 (7)	0.7	0.6	0.5	1.3 (4.9)	38	<sup>3</sup> / <sub>4</sub> " NPTM (19)	8 <sup>1</sup> / <sub>4</sub> (210)	10 <sup>3</sup> / <sub>16</sub> (259)	7 (3)	20 (9)
	V15P	4.9 (19)	1.8	1.5	1.4	3.1 (11.7)	38	<sup>3</sup> / <sub>4</sub> " NPTM (19)	11 (279)	14 <sup>3</sup> / <sub>4</sub> (375)	11 (5)	
	V25P	7.3 (28)	2.7	2.3	2.1	3.1 (11.7)	38	<sup>3</sup> / <sub>4</sub> " NPTM (19)	11 (279)	21 <sup>1</sup> / <sub>16</sub> (535)	16 (7)	
	V45P	13.9 (53)	5.1	4.3	3.7	8.4 (32)	38	1" NPTF (25)	15 <sup>5</sup> / <sub>8</sub> (391)	21 <sup>1</sup> / <sub>16</sub> (535)	24 (11)	
Horizontal models with bracket	V25H ①	7.3 (28)	2.7	2.3	2.1	3.1 (11.7)	38	<sup>3</sup> / <sub>4</sub> " NPTM (19)	11 (279)	21 <sup>1</sup> / <sub>16</sub> (535)	20 (9)	26 (12)
	V45H	13.9 (53)	5.1	4.3	3.7	8.4 (32)	38	1" NPTF (25)	15 <sup>3</sup> / <sub>8</sub> (391)	22 <sup>9</sup> / <sub>16</sub> (573)	26 (12)	
	V60H	19.9 (75)	7.3	6.1	5.3	12.1 (46)	38	1" NPTF (25)	15 <sup>3</sup> / <sub>8</sub> (391)	33 <sup>7</sup> / <sub>8</sub> (860)	36 (16)	

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

#### Notes:

\* Compatible with only certain Goulds jet pumps.

P = Pipe mounted      EX = With base extension      B = Buried      H = Horizontal with bracket

① V6P, V15P, V25P, V25H and V100S are produced at the Charlotte, NC plant after January 2013, resulting in minor dimensional changes.

② Buried models are not approved for the state of Michigan, USA.

## Accessories



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



**AWT1 base extension:** For use on 15 <sup>3</sup>/<sub>8</sub>" models. Provides 4 <sup>1</sup>/<sub>8</sub>" 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

---

Xylem Inc.  
2881 East Bayard Street Ext.,  
Suite A  
Seneca Falls, NY 13148

Phone: (866) 325-4210  
Fax: (888) 322-5877  
**[www.xylem.com/goulds](http://www.xylem.com/goulds)**

Subject to change without notice. All information presented herein is believed reliable and in accordance with accepted engineering practices. Xylem makes no warranties as to the completeness of this information. Users are responsible for evaluating individual product suitability for specific applications. Xylem assumes no liability whatsoever for any special, indirect or consequential damages arising from the sale, resale or misuse of its products.

© 2025 Xylem is a registered trademark of Xylem Inc. or one of its subsidiaries. Goulds is a registered trademark of ITT Manufacturing Enterprises LLC and is used under license. All other trademarks or registered trademarks are the property of their respective owners.