

# ITT

**BHYDRO**

## Residential Water Systems

# Goulds Pumps

## 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.
- **Union Models:** Include an SS union connection for installer convenience.
- **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:**
  - Standard 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.



Goulds Pumps is a brand of ITT Corporation.

[www.goulds.com](http://www.goulds.com)

*Engineered for life*



Certified to ANSI/NSF 61



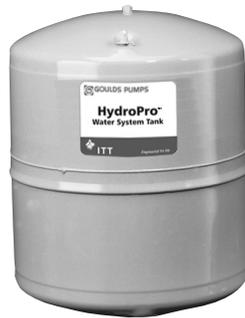
**Stand Models**  
V45 V140  
V60 V200  
V80 V250  
V100 V260  
V100S V350



**Horizontal Models with Pump Mounting**  
V25H  
V45H  
V60H



**V80EX  
Stand Model  
with Base Extension**



**In-Line Models**  
V6P V15P  
V25P V45P



**Mounted Pump Models**  
V60MP V60PST  
V45MP V45PST

	Std. Model No.	Union Model No.	Total Volume (Gals.)	Drawdown in Gals. 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	V45U	13.9	5.1	4.3	3.7	8.4	38	1" NPTF	15 $\frac{3}{8}$ "	24 $\frac{15}{16}$ "	23	3 $\frac{1}{8}$ "
	V60	V60U	19.9	7.3	6.1	5.3	12.1	38	1" NPTF	15 $\frac{3}{8}$ "	32 $\frac{3}{8}$ "	34	
	V80	V80U	25.9	8.9	7.7	6.7	13.9	38	1" NPTF	15 $\frac{3}{8}$ "	39 $\frac{9}{16}$ "	43	
	V80EX	V80EXU	25.9	8.9	7.7	6.7	13.9	38	1" NPTF	15 $\frac{3}{8}$ "	42 $\frac{3}{8}$ "	43	7 $\frac{1}{4}$ "
	V100	V100U	31.8	11.8	9.9	8.6	13.8	38	1" NPTF	15 $\frac{3}{8}$ "	47 $\frac{1}{4}$ "	52	3 $\frac{1}{8}$ "
	V100S	V100SU	31.8	11.8	9.9	8.6	13.8	38	1" NPTF	22"	28"	56	3 $\frac{3}{8}$ "
	V140	V140U	45.2	16.5	13.9	12.1	27.3	38	1 $\frac{1}{4}$ " NPTF	22"	36 $\frac{9}{16}$ "	64	
	V200	V200U	65.1	23.9	20.0	17.4	39.3	38	1 $\frac{1}{4}$ " NPTF	22"	48 $\frac{8}{8}$ "	89	
	V250	V250U	83.5	30.9	25.9	22.5	50.8	38	1 $\frac{1}{4}$ " NPTF	26"	46"	116	
	V260	V260U	84.9	31.2	26.2	22.8	44.7	38	1 $\frac{1}{4}$ " NPTF	22"	60 $\frac{11}{16}$ "	113	3 $\frac{3}{8}$ "
V350	V350U	115.9	42.9	35.9	31.3	70.5	38	1 $\frac{1}{4}$ " NPTF	26"	61 $\frac{5}{16}$ "	161	3 $\frac{1}{2}$ "	
Mounted Pump Models*	V45MP		13.9	5.1	4.3	3.7	8.4	38	$\frac{3}{4}$ " Pipe	15 $\frac{3}{8}$ "	25 $\frac{11}{16}$ "	28	
	V60MP		19.9	7.3	6.1	5.3	12.1	38	$\frac{3}{4}$ " Pipe	15 $\frac{3}{8}$ "	33 $\frac{3}{8}$ "	40	
	V45PST		13.9	5.1	4.3	3.7	8.4	38	$\frac{3}{4}$ " Pipe	15 $\frac{3}{8}$ "	25 $\frac{11}{16}$ "	28	
	V60PST		19.9	7.3	6.1	5.3	12.1	38	$\frac{3}{4}$ " Pipe	15 $\frac{3}{8}$ "	33 $\frac{3}{8}$ "	40	
Buried Models	V45B		13.9	5.1	4.3	3.7	8.4	38	1" NPTM	15 $\frac{3}{8}$ "	21 $\frac{1}{16}$ "	23	
	V60B		19.9	7.3	6.1	5.3	12.1	38	1" NPTM	15 $\frac{3}{8}$ "	28 $\frac{1}{2}$ "	33	
	V140B		45.2	16.5	13.9	12.1	27.3	38	1 $\frac{1}{4}$ " NPTM	22"	32 $\frac{3}{16}$ "	63	
	V200B		65.1	23.9	20.0	17.4	39.3	38	1 $\frac{1}{4}$ " NPTM	22"	44 $\frac{1}{4}$ "	87	
In-Line Models	V6P		2.0	0.7	0.6	0.5	1.2	38	$\frac{3}{4}$ " NPTM	8"	11 $\frac{15}{16}$ "	8	
	V15P		4.5	1.7	1.4	1.2	2.7	38	$\frac{3}{4}$ " NPTM	11"	13 $\frac{15}{16}$ "	12	
	V25P		8.2	3.1	2.6	2.2	4.5	38	$\frac{3}{4}$ " NPTM	11"	23 $\frac{1}{16}$ "	21	
	V45P		13.9	5.1	4.3	3.7	8.4	38	1" NPTM	15 $\frac{3}{8}$ "	21 $\frac{1}{16}$ "	24	
Horizontal Models w/ Bracket	V25H		8.2	3.1	2.6	2.2	4.5	38	$\frac{3}{4}$ " NPTM	11"	24 $\frac{9}{16}$ "	23	
	V45H		13.9	5.1	4.3	3.7	8.4	38	1" NPTM	15 $\frac{3}{8}$ "	22 $\frac{9}{16}$ "	26	
	V60H		19.9	7.3	6.1	5.3	12.1	38	1" NPTF	15 $\frac{3}{8}$ "	33 $\frac{3}{8}$ "	36	

**NOTES:**

\* Compatible with only certain Goulds jet pumps.

P = Pipe mounted      EX = With base extension      B = Buried      U = Union Connection  
 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 $\frac{3}{8}$ " models. Provides 4 $\frac{1}{8}$ " base elevation. Supplied in quantities of six (6) per carton.

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



**ITT**

**2881 East Bayard Street, Seneca Falls, NY 13148**

**Phone: (315) 568-7123 • Fax: (315) 568-7973**

**[www.goulds.com](http://www.goulds.com)**

Goulds Pumps is a registered trademark of ITT Corporation. ITT, the Engineered Blocks Symbol and Engineered for Life are registered trademarks of ITT Manufacturing Enterprises, Inc.

Copyright © 2010 ITT Corporation BHYDRO February, 2010 Printed in U.S.A.  
SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.



*Engineered for life*