

ITT

Residential Water Systems

Goulds Pumps

DIAPHRAGM TANKS

HydroPro® Water System Tank



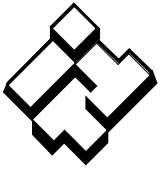
Goulds Pumps is a brand of ITT Corporation.

www.goulds.com

Engineered for life

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:** High durability exterior finish of tough, powder coat over a zinc phosphate surface treatment.
- **Heavy Duty Base:** Made of high density polypropylene.
- **Pre-charge:** All tanks charged to 38 PSI.



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



Horizontal Models with Pump Mounting
V25H
V45H
V60H



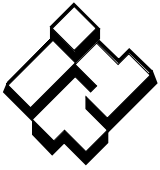
**V80EX
Stand Model
with Base Extension**



In-Line Models
V6P V15P
V25P V45P



Mounted Pump Models
V60MP V60PST
V45MP V45PST



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	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 ³ / ₈	24 ¹⁵ / ₁₆	23	3 ³ / ₈
	V60	V60U	19.9	7.3	6.1	5.3	12.1	38	1" NPTF	15 ³ / ₈	32 ³ / ₈	34	
	V80	V80U	25.9	8.9	7.7	6.7	13.9	38	1" NPTF	15 ³ / ₈	39 ⁹ / ₁₆	43	
	V80EX	V80EXU	25.9	8.9	7.7	6.7	13.9	38	1" NPTF	15 ³ / ₈	42 ³ / ₈	43	7 ¹ / ₄
	V100	V100U	31.8	11.8	9.9	8.6	13.8	38	1" NPTF	15 ³ / ₈	47 ¹ / ₄	52	3 ³ / ₈
	V100S	V100SU	31.8	11.8	9.9	8.6	13.8	38	1" NPTF	22	28	56	3 ³ / ₈
	V140	V140U	45.2	16.5	13.9	12.1	27.3	38	1 ¹ / ₄ " NPTF	22	36 ³ / ₁₆	64	
	V200	V200U	65.1	23.9	20.0	17.4	39.3	38	1 ¹ / ₄ " NPTF	22	48 ³ / ₈	89	
	V250	V250U	83.5	30.9	25.9	22.5	50.8	38	1 ¹ / ₄ " NPTF	26	46	116	3 ¹ / ₂
	V260	V260U	84.9	31.2	26.2	22.8	44.7	38	1 ¹ / ₄ " NPTF	22	60 ¹¹ / ₁₆	113	3 ³ / ₈
V350	V350U	115.9	42.9	35.9	31.3	70.5	38	1 ¹ / ₄ " NPTF	26	61 ¹ / 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	V45B		13.9	5.1	4.3	3.7	8.4	38	1" NPTM	15 ³ / ₈	21 ¹ / ₁₆	23	
	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	
	V200B		65.1	23.9	20.0	17.4	39.3	38	1 ¹ / ₄ " NPTM	22	44 ¹ / ₄	87	
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 ⁹ / ₁₆	23	
	V45H		13.9	5.1	4.3	3.7	8.4	38	1" NPTM	15 ³ / ₈	22 ⁹ / ₁₆	26	
	V60H		19.9	7.3	6.1	5.3	12.1	38	1" NPTF	15 ³ / ₈	33 ³ / ₈	36	

NOTES:

* Compatible with only certain Goulds jet pumps.

P = Pipe mounted
MP = Mounted pump

EX = With base extension
PST = Pump system tank

B = Buried
H = Horizontal with bracket

U = Union Connection

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

ACCESSORIES

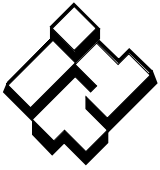


■ **AW39 Bracket:**
Universal pump mounting bracket for use on all stand model tanks.



■ **AWT1 Base Extension:**
For use on 1⁵/₈" models. Provides 4¹/₈" 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



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