



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.

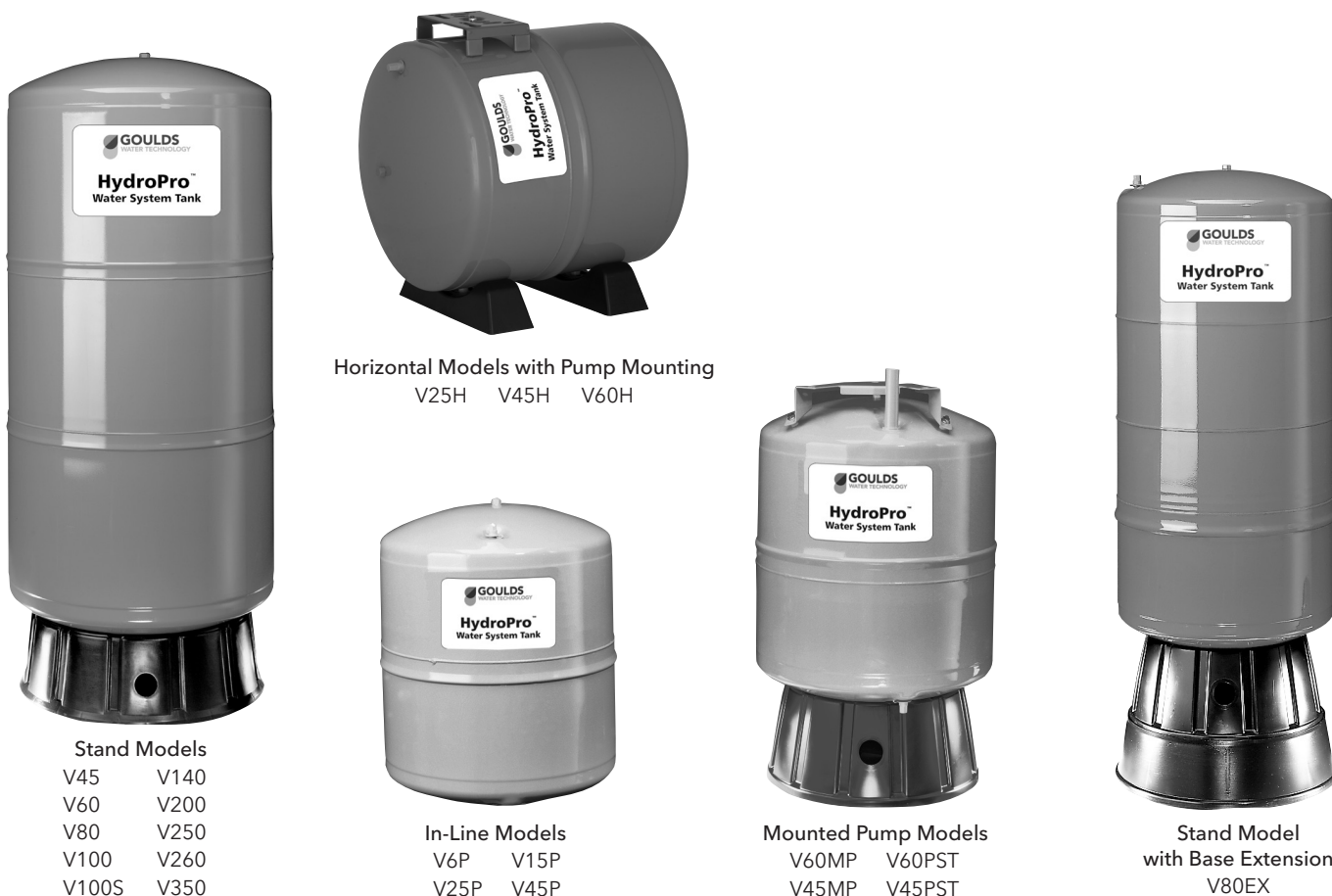
Tanks are designed for installation indoors or where they are protected from rain, irrigation overspray, salt air and other corrosive environments. Always protect tanks from freezing.

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

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- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

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HydroPro[®] Tanks

TANK CROSS REFERENCE AND SIZING GUIDE

TANK CROSS REFERENCE TABLE

Goulds Water Technology HydroPro	Wel Flo (American Granby)	Champion (American Granby)	Con-Aire (Sta-Rite)	Mark Series (Clayton Mark)	Perma-Air (State)	Well Mate (Structural Fibers)	Well-Rite (Flexcon)	Well-X-Trol (Amtrol)	Total Volume
V6P	WF6	HC101	N/A	CM1001	PIL-2	WM-8L	JR6	WX101	2.0
V15P	WF15	HC102	N/A	CM1002	PIL-5	WM-18L	JR15	WX102	4-4½
V25P	WF25	HC103	CA15	CM1003	PIL-7	WM-25L	JR25	WX103	6-9
V45	WF45	HC201	N/A	CM3001	PAD-14	WM-4	WR45	WX201	14-16
V60	WF60	HC202	CA42	CM4202	PAD-20	WM-6	WR60	WX202	20
V80	N/A	N/A	N/A	N/A	N/A	N/A	WR80	N/A	25
V100	WF100	HC203	CA82T	CM8003	PAD-36-5	WM-9	WR120	WX203	30-36
V140	WF140	HC250	N/A	CM10050	N/A	WM-14WB	WR140	WX250	45
V200	WF200	HC251	CA120	CM12051	PAD-32	WM-20WB	WR200	WX251	47-65
V250/V260	WF240	HC302	CA220	CM17002	PAD-96	WM-25WB	WR260	WX302	85-96
V350	WF360	HC350	N/A	CM22050	PAD-119	WM-35WB	WR360	WX350	109-120

HydroPro® TANK SIZING GUIDE

RECOMMENDED PROTECTION				ADEQUATE PROTECTION		
Two minute pump running time				One minute pump running time		
Operating Pressure - PSIG				Operating Pressure - PSIG		
Well System Flow Rate (GPM)	20/40	30/50	40/60	20/40	30/50	40/60
5	V-100	V-140	V-140	V-45	V-60	V-60
7	V-140	V-200	V-200	V-80	V-80	V-100
10	V-200	V-200	*V-260	V-100	V-140	V-140
12	*V-260	*V-260	V-350	V-140	V-140	V-140
15	*V-260	V-350	V-350	V-140	V-200	V-200
20	V-350	(2)V-200	*(2)V-260	V-200	V-200	*V-260
30	*(2)V-260	(2)V-350	(2)V-350	*V-260	V-350	V-350

*V-250 may also be used.

For higher capacities use multiple tanks.

Burial tanks are available - see catalog.

Precharge at 2 lbs. below cut - in setting of pressure switch.

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