

xylem

# HYDRO-PRO®

## Water system tanks



Consistent supply.  
On demand.

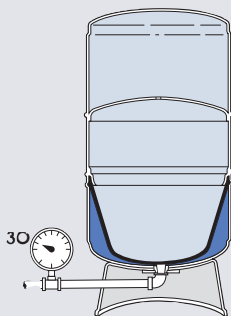


- 1. Rugged, impact resistant exterior coatings.**  
Holds up under severe conditions.
- 2. Tamper proof mechanical-fit air valve.**  
No heat distortion from brazing. Recessed to prevent damage during shipping.
- 3. Deep drawn steel shell.**  
For added structural strength. Maximum working pressure 125 psi. (Except: V45MP & V60MP.)
- 4. Steel inner shell and insert.**  
Prevents over expansion of diaphragm for longer life.
- 5. 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.
- 6. Rigid polypropylene liner.**  
Meets FDA and NSF requirements, providing maximum corrosion protection. Water never touches metal.
- 7. Patented positive retention system.**  
Securely fastens diaphragm and liner for years of reliable service.
- 8. Stainless steel system connection.**  
For optimal corrosion resistance.
- 9. Corrosion-proof base.**  
High density polyethylene is structurally reinforced for added strength. High profile design provides easy access for water hookup.

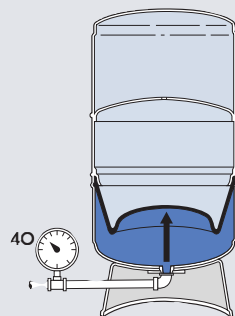
**Base extension.** *Optional (not shown)*

Increases the height of the inlet/outlet a full 4" for easier installation. Fits any 15" diameter tank, from models V-45 to V-100. Standard on model V-80EX.

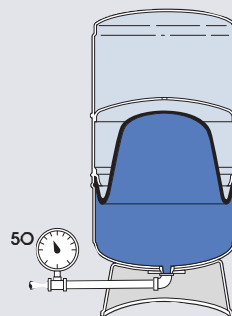
## How the HYDRO-PRO tank works:



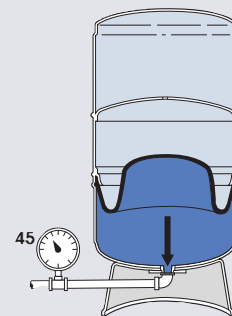
1. Tank is pre-pressurized with air at the factory.



2. As water enters, air above the diaphragm is compressed and the volume is reduced by the same volume that enters.



3. Water enters and pressure rises until the pump cut-out pressure is reached. Pump shuts off on full tank.



4. Pressure in the air chamber forces water into the system on demand, without the pump operating. When pressure drops to the cut-in point, the pump starts.

# Consistent supply... on demand!

20 Models - 2 to 116 gallon capacity

HYDRO-PRO tanks provide years of dependable water system storage and delivery service! The efficient design reduces pump on/off cycles, resulting in longer motor and switch life, and reduced power costs. Each tank is factory tested and 100% air and water tight.



## They are better together

The most respected name in the water systems business brings you the toughest, most dependable tanks. Tanks with features that give you the best buy in quality water systems. HYDRO-PRO tanks qualify for the Goolds Water Technology Dealer Incentive Plan.

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)
			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)
	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)
	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)
	V100S ①	36 (136)	13.3	11.2	9.7	15.3 (58)	38	1" NPTF (25)	20 (508)	32 (813)	54 (24)
	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>8</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)
	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)
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)
	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)
	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>3</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)
	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 (mm) and weight is in pounds (kg). Do not use for construction purposes.

**Notes:**

\* Compatible with only certain Goulds Water Technology 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 and feature fusion bonded polymeric lining. Meets FDA requirements.

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

**Shelter tank from corrosive spray, chlorine or groundwater with high salinity. Do Not install tank where it will be subjected to spray from irrigation or landscape sprinkler systems.**

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