

HydroLine

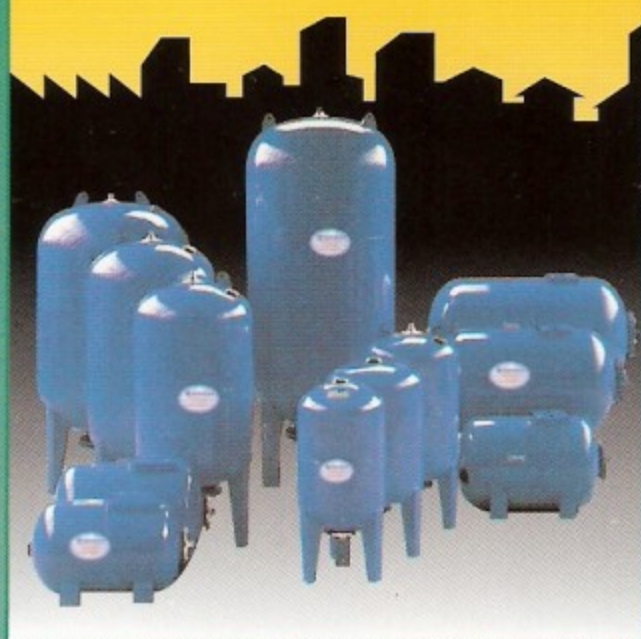
Bladder Expansion Vessels



For All Professional
Water System Applications

Compact design features that set new century standards

BEV-SERIES



NXV-SERIES



DESIGN FEATURES

- Vertical closed vessels
- Bladder vessel is suitable for all types of water, even corrosive water.
- Water only comes into contact with the bladder and so eliminates the possibility of corrosion.
- Complete range of capacities from 100 to 1,000 litres.
- Drawdown volume of the bladder vessel is much greater than that of a normal tank without a bladder
- Replaceable one-piece natural rubber bladder.
- Two points fixed inside the vessel.
- Steel Shell coated with epoxy finish (Stainless Steel shell is option : Non-Tox series)
- Factory precharged a complete separation between air and water.
- No waterlogs.
- Pump and accessories can be fitted directly to the vessel.
- Economy and rapid assembly.

VERTICAL AND HORIZONTAL REPLACEABLE-DIAPHRAGM TANKS PAINTED STEEL

Applications	Domestic, Industry Agriculture water supply system. Pressure boosting system.
Capacity	12-24-60-100-200-300-500-750-1000 L (Vertical) 100-200-300 L (Horizontal)
Colour	Blue
Flange	Painted steel
Tank Material	Painted steel
Diaphragm Mat.	Natural or butyl rubber
Diaphragm Type	Replaceable
Connection	ø 1" (12-24-60-100 L) ø 1½" (200-300-500 L), ø 2" (750-1000 L)

VERTICAL AND HORIZONTAL - DIAPHRAGM TANKS STAINLESS STEEL

Applications	Domestic, Industry Agriculture water supply system. Pressure boosting system.
Capacity	12-24-60-100-200-300-500-750-1000 L (Vertical) 100-200-300 L (Horizontal)
Colour	Stainless Steel
Flange	AISI 304 stainless steel
Tank Material	AISI 304 stainless steel
Diaphragm Mat.	Natural or butyl rubber
Diaphragm Type	Replaceable
Connection	ø 1" (12-24-60-100 L) ø 1½" (200-300-500 L), ø 2" (750-1000 L)

Application

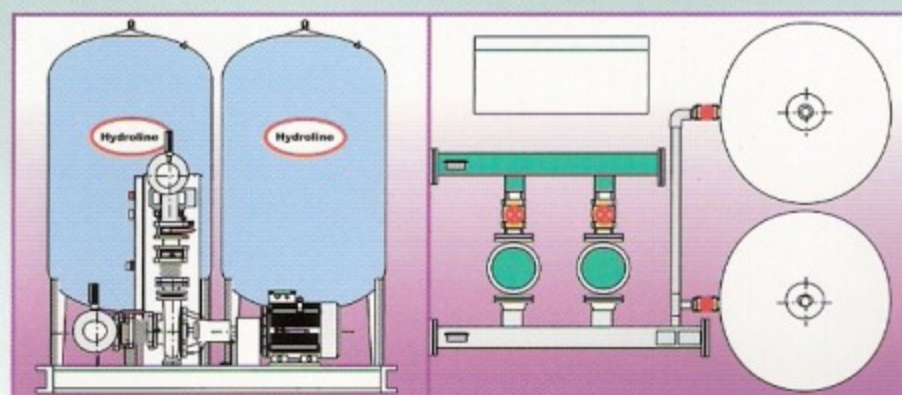
- Water booster system.
- Residential and commercial well water.
- Irrigation systems.
- Fire-fighting systems.
- HVAC expansion tanks.

Advantages

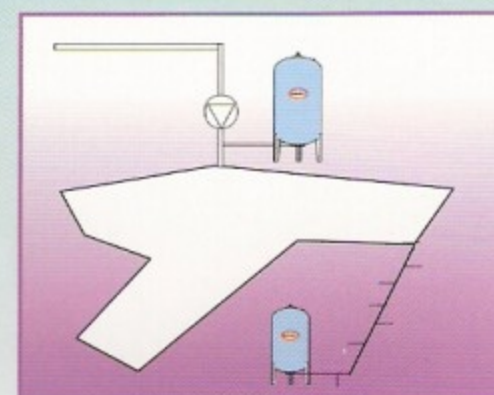
- Bladder made of natural rubber is suitable for food quality and drinking water.
- Easily interchangeable bladder with optimum service life.
- Easy and fast installation.
- Eliminates the requirement for an air feeder.
- Low maintenance requirement.

Operating Limits

Temperature : 5 to 90 c
Working pressure : up to 10 bar
Test Pressure : 15 bar

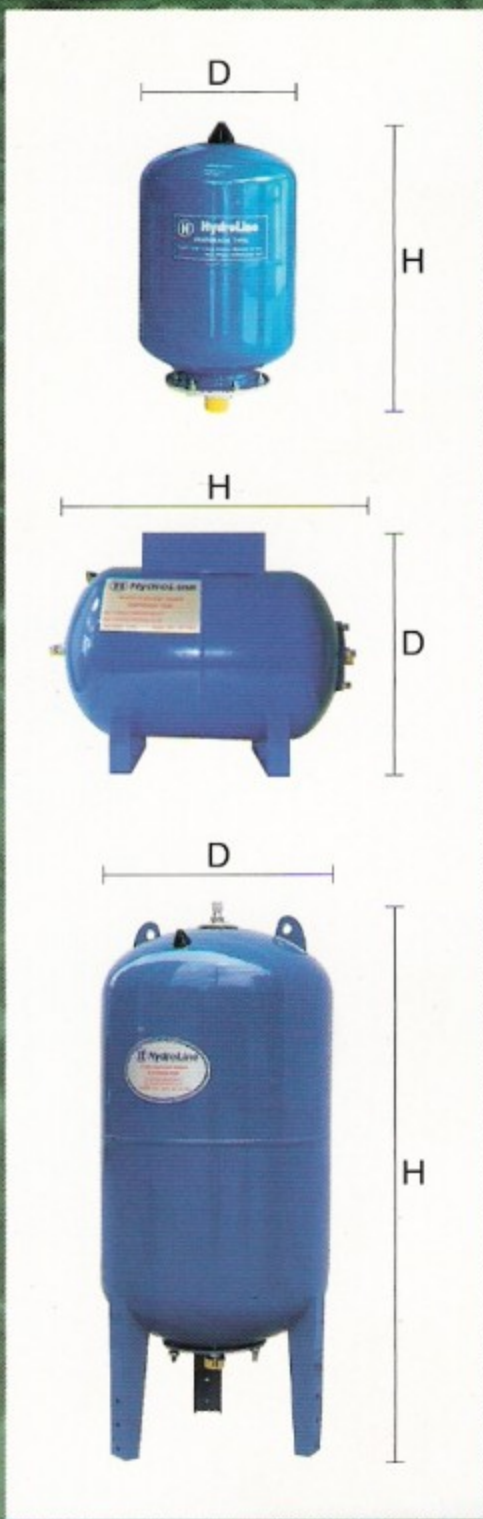


Hydroline Diaphragm tank are also used for high pressure booster applications, e.g. high rise buildings, irrigation system and community wells.



In the sprinkler system for a golf course, two Hydroline Diaphragm tank are used the larger BEV-500 protects and assures proper pump operation. While the smaller BEV-300 protects dead and lines from hammer and surge.

HYDROLINE DIAPHRAGM TANK



Standard Model	Volume (litres)	Precharge Pressure(PSI)	Max. working Pressure(PSI)	Dimensions		Connection
				D(mm)	H(mm)	
BEV - 12	12	25	87	240	350	1"
BEV - 24	24	25	87	300	450	1"
BEV - 24 (แบบมีขาตั้ง)	24	25	87	300	570	1"
BEV - 60	60	35	100	380	850	1"
BEV - 100	100	35	150	450	965	1"
BEV - 200	200	35	150	550	1,275	1 1/2"
BEV - 300	300	35	150	630	1,440	1 1/2"
BEV - 500	500	35	150	780	1,590	1 1/2"
BEV - 750	750	35	150	780	2,040	2"
BEV - 1000	1000	35	150	940	2,040	2"
BEH - 100	100	35	150	570	825	1"
BEH - 200	200	35	150	670	1,055	1 1/2"
BEH - 300	300	35	150	750	1,250	1 1/2"



Distributor :