

UNIVERSAL



Non Replaceable Diaphragm
Potable Water Series Tanks

With Italian
Diaphragm



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CE PED | ISO 9001 2015

Non Replaceable Membrane Potable Water Series Tanks

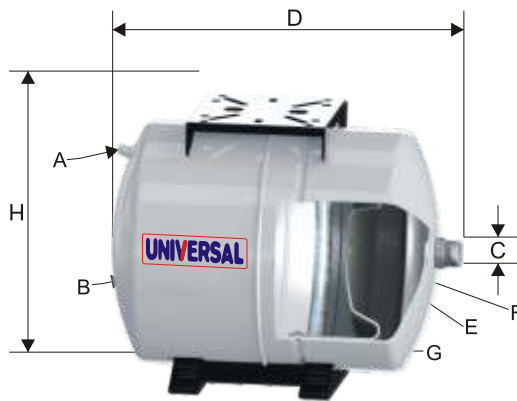


In fix membrane potable water tanks, water is between stainless steel connection tube, food-grade butyl diaphragm. By help of this tank design, water quality will not be poluted by the internal part of tank metal body and also external environments.

All tanks have stainless steel connection to provide hygienic standarts for potable water.

Durability; In UNIVERSAL potable water tanks, valve cores have been adopted for high pressure resistance. Air valves has additional sealing component, so that the gas tightness is very good.

UNIVERSAL applies also high pressure water resistance test to each of the products with experimental pressure before leaving the factory.



A) Sealed Air Valve

B) Double Layer Wet Painting (Epoxy+Polyurethane)
or Powder Painting

C) Stainless Steel Connection

D) Length

E) Food-Grade Butyl Diaphragm

F) Food-Grade PP Liner

G) Pre-Pressurized Air Chamber

H) Height



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or Powder Painting

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Horizontal Tanks



Vertical Tanks Without Leg



Vertical Tanks with Leg

SPEIFICATION

Tank Metal Body

- Stainless steel water connection
- Resistant up to 8 / 10 / 16 bars
- Outer surface with double layer Epoxy Primary & Polyurethane Acrylic paint
- All tanks PED-CE-2014/68/EU Certified

Membranes

- High quality Butyl mambranes, hygienic certified, apporved by European Union & USA Institutions
- DIN 4807-3, NSF-61, WRAS, BS-6920 certified and other quality certificates avaiable

Non Replaceable Membrane Potable Water Series Tanks

8 bar / 10 bar / 16 bar

Horizontal Tanks

Model	L Capacity	Bar Pressure	D length	H Height	Pre. Charge Pressure	Connection
UNV-12H-PW-FT	12 LT	8-10-16-25	352 mm	280 mm	2 bar	1" BSP / NPT
UNV-19H-PW-FT	19 LT	8-10-16-25	370 mm	306 mm	2 bar	1" BSP / NPT
UNV-24H-PW-FT	24 LT	8-10-16-25	425 mm	334 mm	2 bar	1" BSP / NPT
UNV-36H-PW-FT	36 LT	8-10-16-25	385 mm	384 mm	2 bar	1" BSP / NPT
UNV-50H-PW-FT	50 LT	8-10-16-25	570 mm	384 mm	3 bar	1" BSP / NPT
UNV-60H-PW-FT	60 LT	8-10-16-25	613 mm	384 mm	3 bar	1" BSP / NPT
UNV-80H-PW-FT	80 LT	8-10-16-25	670 mm	435 mm	3 bar	1" BSP / NPT
UNV-100H-PW-FT	100 LT	8-10-16-25	712 mm	544 mm	3 bar	1" BSP / NPT
UNV-150H-PW-FT	150 LT	8-10-16-25	855 mm	544 mm	3 bar	1" BSP / NPT



Vertical Tanks Without Leg

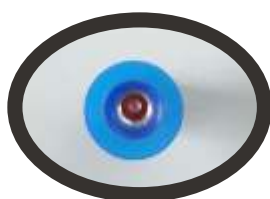
Model	L Capacity	Bar Pressure	D length	H Height	Pre. Charge Pressure	Connection
UNV-2V-PW-FT	2 LT	8-10-16-25	160 mm	250 mm	2 bar	1" BSP / NPT
UNV-5V-PW-FT	5 LT	8-10-16-25	160 mm	300 mm	2 bar	1" BSP / NPT
UNV-8V-PW-FT	8 LT	8-10-16-25	200 mm	330 mm	2 bar	1" BSP / NPT
UNV-12V-PW-FT	12 LT	8-10-16-25	240 mm	352mm	2 bar	1" BSP / NPT
UNV-19V-PW-FT	19 LT	8-10-16-25	270 mm	370 mm	2 bar	1" BSP / NPT
UNV-24V-PW-FT	24 LT	8-10-16-25	300 mm	425 mm	2 bar	1" BSP / NPT
UNV-36V-PW-FT	36 LT	8-10-16-25	350 mm	415 mm	2 bar	1" BSP / NPT
UNV-50V-PW-FT	50 LT	8-10-16-25	350 mm	570 mm	3 bar	1" BSP / NPT
UNV-60V-PW-FT	60 LT	8-10-16-25	350 mm	613 mm	3 bar	1" BSP / NPT

COLOUR

Original	RAL 1013
Optional	RAL 6016
Optional	RAL 3020
Optional	RAL 5015

Vertical Tanks With Leg

Model	L Capacity	Bar Pressure	D length	H Height	Pre. Charge Pressure	Connection
UNV-36VL-PW-FT	36 LT	8-10-16-25	350 mm	467 mm	2 bar	1" BSP / NPT
UNV-50VL-PW-FT	50 LT	8-10-16-25	350 mm	623 mm	3 bar	1" BSP / NPT
UNV-60VL-PW-FT	60 LT	8-10-16-25	350 mm	678 mm	3 bar	1" BSP / NPT
UNV-80VL-PW-FT	80 LT	8-10-16-25	400 mm	728 mm	3 bar	1" BSP / NPT
UNV-100VL-PW-FT	100 LT	8-10-16-25	500 mm	770 mm	3 bar	1" BSP / NPT
UNV-150VL-PW-FT	150 LT	8-10-16-25	500 mm	898mm	3 bar	1" BSP / NPT
UNV-200VL-PW-FT	200 LT	8-10-16-25	600 mm	1060 mm	3 bar	1 1/4" BSP / NPT



Special Sealing in
Air-Valve Cover
Against Air-Leakage



1" BSP / NPT Stainless Steel
Connection

SUPERIOR QUALITY



High Quality Standards In Production

- Pressurized metal tank production according to European Union standards PED-CE 2014/68/EU ;
- Fully automatic-robotic double layer wet painting system (Epoxy Primery & Polyurethane Acrylic Finishing Paint) ;
- Italian production-low gas permeability special design Butyl membrane ;
- Stainless steel connecton nipple

Large Product Range

- Non-replaceable membrane and changeable membrane tanks (water pump-booster tanks, expansion tanks, solar tanks, reverse osmosis tanks, anti-water hammer tanks) ;
- Volume from 0.16 liter up to 10.000 liter ; 6 bar-8 bar-10 bar-16 bar and 25 bar operating pressure ;
- Additionally, Epdm / Butyl membranes, manometers, pressure switches, 5-way brass connections, flexible connection hoses etc..



Fast Product Delivery

- High ability to produce fast & high quality products, thanks to high production capacity and high production automation in Turkey's the most advanced production facility ;
- Detailed stock following capability for final products, raw materials and semi finished parts by help of effective ERP program usage ;
- By computer-controlled order tracking system, detailed analysis and fast delivery of all customer orders

Solution-Oriented And Continuous Innovation

- Constantly new product design & production capability by help of R & D investments ;
- Ability to make changes on the products according to customer's demands ;
- Ability to produce OEM products



SUPERIOR QUALITY

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Discover
the potential