

ESTECH
ENERGY

WATER LINE PRESSURE VESSELS

ET-PV SERIES



ESTECH ENERGY LLC

WATER LINE EXPANSION VESSEL

The pressure tanks of ESTECH -EV line are a basic element for long lasting and efficiency of a potable water distribution system. The pressure tank stores the pressurized water of the booster systems working as hydrodynamic flywheel during drawing. This application reduces the frequency of switching on of the booster system. A pressure switch adjusts the internal pressure and activates the pump only if the water pressure in the tank is lower than the minimum required. Switching on, the pump loads the storage tank again.


Vertical multifunction water tanks

Replaceable Membrane

Available With Galvanised Or Painted


Flange Red Color

Pre Charge Pressure 2 Bar

		-10 +99 °C						
ESTECH -ET-PV		MODEL	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
			lt	bar	inch	mm	m ³	n.
		PV-005	5	8	1'	160x332	0.010	210
PV-008	8	8	1'	200x348	0.015	144		
PV-012	12	8	1'	270x308	0.024	84		
PV-019	19	8	1'	270x415	0.031	63		
PV-020	20	8	1'	250x500	0.038	56		
PV-024	24	8	1'	351x358	0.045	54		
PV-025	25	8	1'	290x472	0.041	63		
PV-040	40	8	1'	320x595	0.066	36		

**Available version in white color, s/s flange and 3,5 bar pre charge pressure*

**Connection ¾ available upon request*

		-10 +99 °C						
ESTECH -ET-PV		MODEL	Capacity	Max. pressure	Connection	Dimensions	Packaging	Qty/pallet
			lt	bar	inch	mm	m ³	n.
		PV-050	50	10	1'	379x759	0,126	15
PV-060	60	10	1'	379x825	0,131	15		
PV-080	80	10	1'	450x789	0,170	15		
PV-100	100	10	1'	450x910	0,200	15		
PV-150	150	10	1'1/2	554x1040	0,340	8		
PV-200	200	10	1'1/2	554x1250	0,407	8		
PV-300	300	10	1'1/2	624x1370	0,596	6		
PV-500	500	10	1'1/2	775x1460	0,900	1		
PV-750	750	10	1'1/2	786x1925	1,300	1		
PV-1000	1000	10	2'	945x1912	1,900	1		
PV-1500	1500	10	2'	1150x2080	3,020	1		
PV-2000	2000	10	2'	1280x2080	3,720	1		
PV-3000	3000	10	2'	1250x2710	4,500	1		

Available version in ss flange on demand


Blue clour up on request

** Available not CE marked ** Not CE marked*

WATER LINE EXPANSION VESSEL


WATER LINE HORIZONTAL /HIGH PRESSURE

- Horizontal Multifunction Water Tanks
- Replaceable Membrane
- Available With Galvanised Or Painted Flange
- Red color
- Pre Charge Pressure 2 BAR

		-10 +99 °C						
		Std. Code	Capacity lt	Max. pressure bar	Connection	Dimensions mm	Packaging m ³	Qty/pallet n.
ESTECH -ET-PV(H)	-10 +99 °C	HORIZONTAL						
		PV(H)-019	19	8	1'	300x418	0.031	63
		PV(H)-020	20	10	1'	274x497	0.038	56
		PV(H)-040	40	10	1'	352x595	0.066	36
		PV(H)-050	50	10	1'	410x610	0.126	25
		PV(H)-060	60	10	1'	410x670	0.131	20
		PV(H)-080	80	10	1'	479x637	0.170	20
		PV(H)-100	100	10	1'	485x756	0.200	15
		PV(H)-150	150	10	1'1/2	602x825	0.372	8
		PV(H)-200	200	10	1'1/2	602x1038	0.407	8
		PV(H)-300	300	10	1'1/2	654x1188	0.596	6

* 1,5 bar pre charge pressure Up to 40 lt connection ¾' upon request

* Available with ss flange on demand

		-10 +99 °C						
		Std. Code	Capacity lt	Max. pressure bar	Connection	Dimensions mm	Packaging m ³	Qty/pallet n.
ESTECH -ET HP-PV	-10 +99 °C	HIGH PRESSURE						
		HP-PV-008	8	16	1'	200x320	0,015	144
		HP-PV-020	20	16	1'	250x509	0,038	56
		HP-PV-050	50	16	1'	379x759	0,128	15
		HP-PV-080	80	16	1'	450x789	0,170	15
		HP-PV-100	100	16	1'	450x910	0,200	15
		HP-PV-200	200	16	1'1/2	554x1250	0,407	8
		HP-PV-300	300	14	1'1/2	624x1370	0,596	6
		HP-PV-500	500	12	1'1/2	775x1460	0,900	1
		HP-PV-750	750	16	1'1/2	790x1925	1,300	1
		HP-PV-1000	1000	16	2'	945x1912	1,900	1

* 1,5 bar pre charge pressure Up to 40 lt connection ¾' upon request

* Available with ss flange on demand

*22/25 bar upon request

ESTECH **ENERGY**

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