



VENCER

PRESSURE TANK



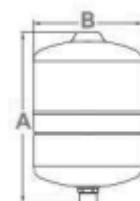
Pressure Tank Series



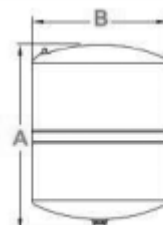
- Fixed diaphragm
- Reinforced stainless steel water connection
- O-ring sealed leak free air valve cap
- Durable & highly adhesive powder coating finish
- Suitable for a wide range of applications
- Extensively tested maintenance free tanks

Fixed Diaphragm Pressure Tank Series

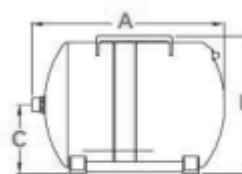
Model	Connection (inch)	Nominal Volume		Dimensions (mm)		
		Liters	Gallons	HEIGHT	DIAMETER	
INLINE						
VPT-2LX	1"BSPT	2	0.53	208	126	-
VPT-8LX	1"BSPT	8	2.11	310	202	-
VPT-12LX	1"BSPT	12	3.17	353	230	-
VPT-18LX	1"BSPT	18	4.76	374	278	-
VPT-24LX	1"BSPT	24	6.34	440	290	-
HORIZONTAL						
VPT-24LH	1"BSPT	24	6.34	447	323	163
VPT-60LH	1"BSPT	60	15.85	530	422	213
VPT-100LH	1"BSPT	100	26.42	720	466	237
VERTICAL WITH BASE						
VPT-60LH	1"BSPT	60	15.85	623	387	67
VPT-100LH	1"BSPT	100	26.42	810	428	66
VPT-150LH	1"BSPT	150	39.63	1040	428	66
RO WATER TANK						
VPT-RO-01	1/4"	12	3.5G			
VPT-RO STEEL-02	1/4"	12	3.5G			
VPT-40RO	1/4"	40	11G			
VPT-80RO	1/4"	76	20G			



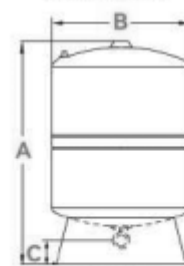
2LX, 8LX



12LX, 18LX, 24LX



24LH-100LH



100LV

- Double O-ring sealed, leak free air valve cap design
- High-pressure proof diaphragm design
- Adhesion-strength tested powder coating finish
- Nylon & Glassfiber pump stand and feet
- FDA approved polypropylene liner
- Stainless steel connector
- Thick carbon steel tank body

SPECIFICATIONS

Tank Shell Material		Thick Carbon Steel
Nominal Volumes		2-100L/0.5-26.49gl
Membrane		BUTYL/EPDM
Min. Operating Temp.		-10°C/14°F
Max. Operating Temp.	Fixed	90°C/194°F
Max. Working Pressure	Fixed	10bar 150psi
Test Pressure	Fixed	14.3bar 215psi
Factory Pre-charge	Fixed	1.9bar 28psi



VENCER

NEXT GENERATION PUMP



Open Well Submersible Pump

APPLICATION

OPEN WELL Submersible pumps are easy to install – specially designed with high quality carbon thrust bearing & LTB 4 grade bushes used for longer life – single phase 240V, 50Hz water cooled wet type CAT'B' CSCR type motors. Motors are designed to withstand under large voltage fluctuations. Easily rewindable, vibrations free performance and all rotating parts are dynamically balanced and noiseless operation. Apartments, Bungalows, Small resorts and Hotels, Agricultural use, Garden Irrigation and Fountains and domestic water supply

FEATURES

- PVC insulated winding
- Water Lubricated motor
- Stainless Steel shaft
- SS Impellers

BENEFITS

- Noiseless, wear resistance
- Low maintenance, extended pump life
- Withstand large voltage fluctuations
- Withstands heavy loads and provides higher operating efficiency.

TECHNICAL DATA

Flow Q	:	max 250 lpm
Head H	:	max 30 mtr
Liquid temp	:	up to 60 Deg C
Type	:	Wet
Power supply	:	220-240V, 50Hz



Performance Table and Chart For Openwell Submersible Pumps

Model	kW	HP	Pipe Size	Head in Mtr	0	4	10	12	14	18	22	28	34	37	40
OPS-50	0.37	0.5	1"X1"	LPH	6000	5500	4500	3500	2500	1000	-	-	-	-	-
OPS-100	0.75	1.0	1 1/4" X 1"	LPH	6500	6000	5500	4500	3500	2000	1000	0	0	0	0
OPS-150	1.1	1.5	1 1/4" X 1"	LPH	-	-	-	-	9000	8000	7500	5000	3600	1800	0
OPS-200	1.5	2.0	2" X 1 1/4"	LPH	-	-	12500	-	11000	-	10800	9500	9000	8500	8000



STAINLESS STEEL HORIZONTAL CENTRIFUGAL PUMP

APPLICATION

The PXD cold water pump is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage in high-rise buildings, and central air conditioner systems.

PUMP

- AISI 304 shaft.
- Max. Liquid temperature: +40°C.
- Altitude: up to 1000m.
- Max. Suction: 8m.
- Max. Inlet pressure: limited by max. Operating pressure.
- Max. operation pressure: 8 bar
- Liquid PH value: 6.5-8.5

MOTOR

- Motor with copper winding.
- Built-in thermal protector for single phase motor.
- Insulation class: F.
- Protection class: IP55.
- Max. ambient temperature: +40°C.

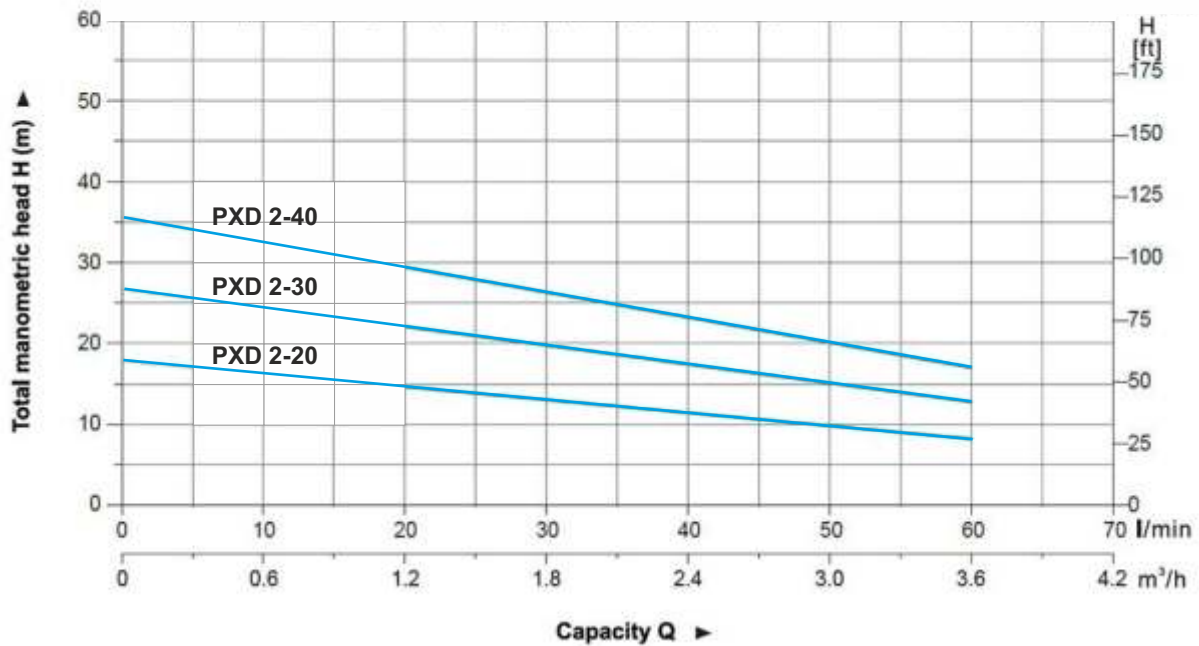
PXD 2-20 Technical Data

Model	Power		Q (m³/h)	0.6	1.2	1.8	2.4	3.0	3.6
	kW	HP	Q (l/min)	10	20	30	40	50	60
PXD 2-20	0.37	0.5	H(m)	16	15	13	12	10	8
PXD 2-30	0.37	0.5		24	22	20	18	16	12
PXD 2-40	0.55	0.75		33	30	26	24	21	16

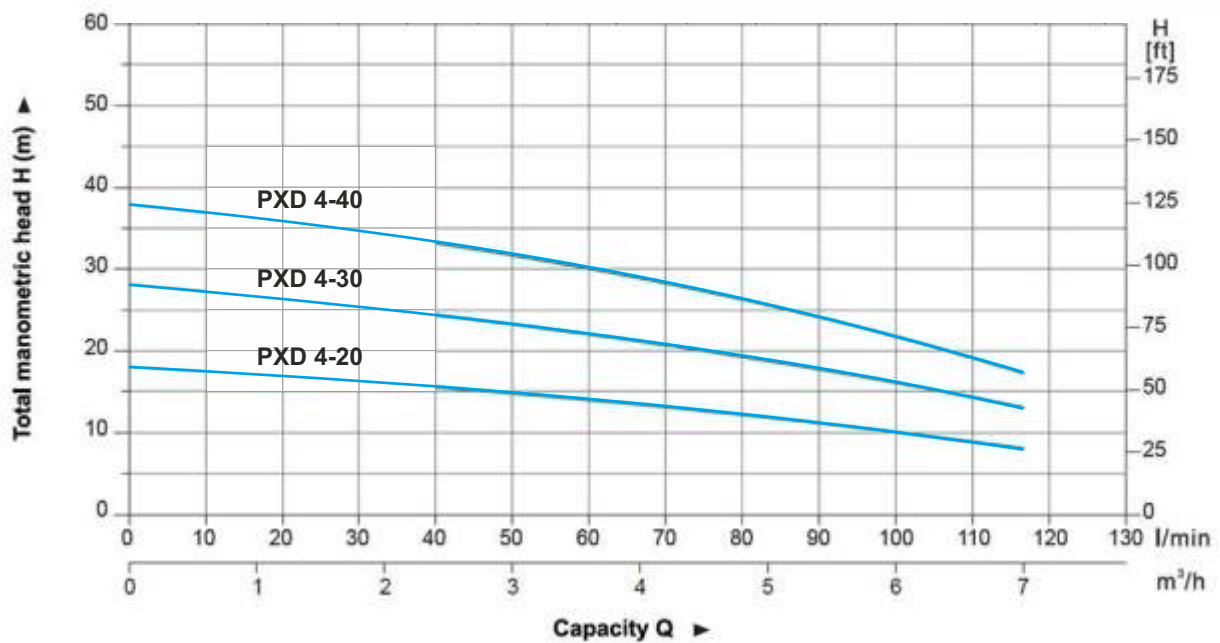
PXD 4-20 Technical Data

Model	Power		Q (m³/h)	1	2	3	4	5	6	7
	kW	HP	Q (l/min)	17	33	50	67	83	100	117
PXD 4-20	0.55	0.75	H(m)	17	16	15	13	12	10	8
PXD 4-30	0.55	0.75		27	25	23	21	19	16	13
PXD 4-40	0.75	1.0		36	34	32	28	26	22	17

Hydraulic Performance Curves



Hydraulic Performance Curves





STAINLESS STEEL HORIZONTAL CENTRIFUGAL PUMP

APPLICATION

The stainless steel horizontal centrifugal pump is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage in high-rise buildings, central air conditioners and centralized heating circulation systems.

PXD STAINLESS STEEL HORIZONTAL CENTRIFUGAL PUMP FEATURES

- AISI 304 shaft
- Max. liquid temperature: +85°C
- Altitude: up to 1000m
- Max. suction: 8m
- Max. inlet pressure: limited by max. operating pressure.

PXD STAINLESS STEEL HORIZONTAL CENTRIFUGAL PUMP MOTOR FEATURES

- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IP44
- Max. ambient temperature: +40°C

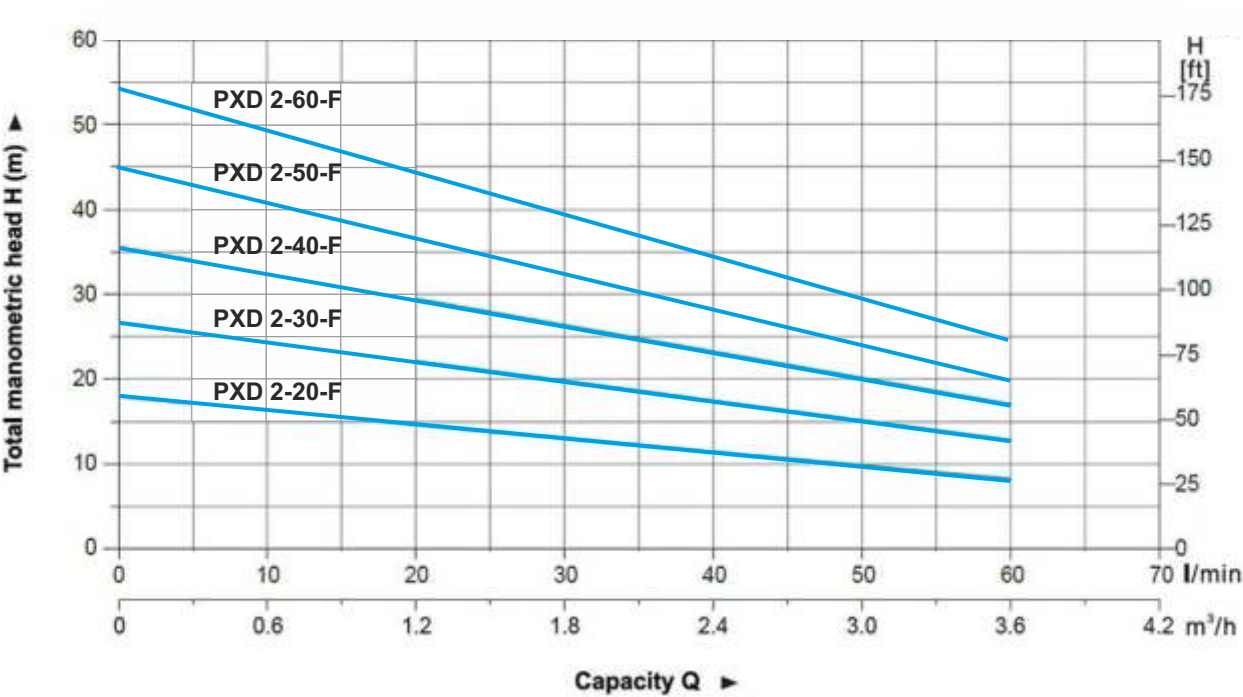
Technical Data of PXD2 Stainless Steel Horizontal Centrifugal Pump

Model	Power		Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6
	kW	HP	Q (l/min)	0	10	20	30	40	50	60
PXD 2-20-F	0.37	0.5	H(m)	18	16	15	13	12	10	8
PXD 2-30-F	0.37	0.5		27	24	22	20	18	16	12
PXD 2-40-F	0.55	0.75		35	33	30	26	24	21	16
PXD 2-50-F	0.55	0.75		45	40	37	33	30	24	19
PXD 2-60-F	0.75	1		53	50	45	40	36	30	23

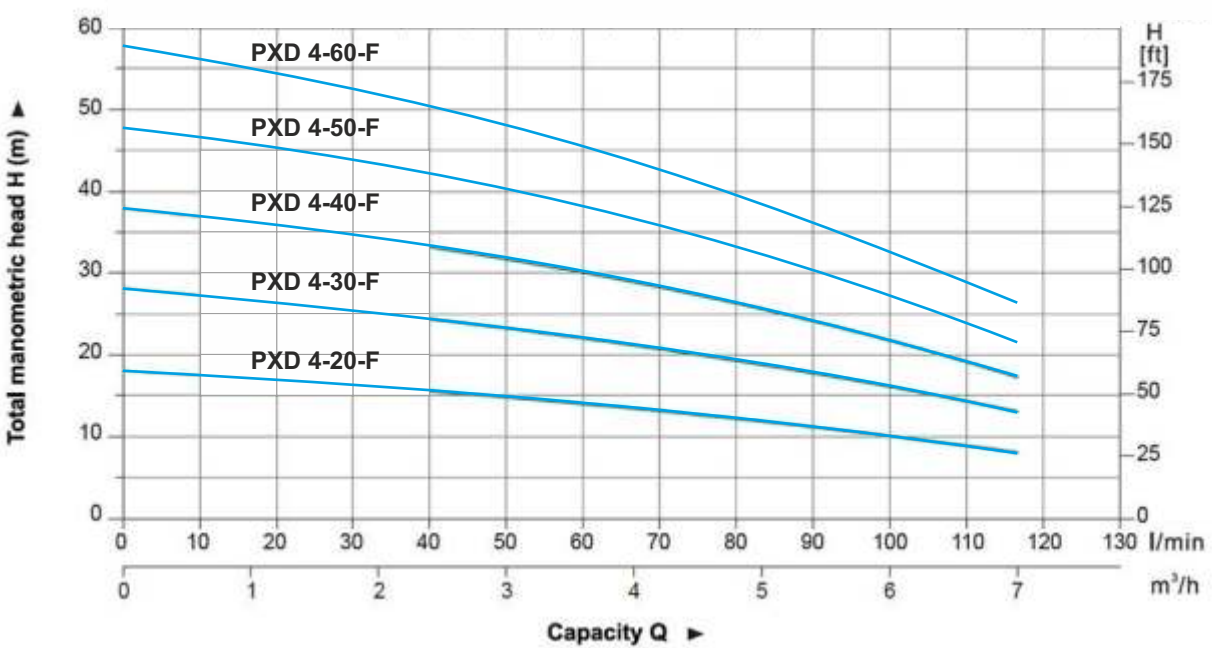
Technical Data of PXD4 Stainless Steel Horizontal Centrifugal Pump

Model	Power		Q (m³/h)	1	2	3	4	5	6	7
	kW	HP	Q (l/min)	17	33	50	67	83	100	117
PXD 4-20-F	0.55	0.75	H(m)	17	16	15	13	12	10	8
PXD 4-30-F	0.55	0.75		27	25	23	21	19	16	13
PXD 4-40-F	0.75	1.0		36	34	32	28	26	22	17
PXD 4-50-F	1.1	1.5		46	43	40	36	33	28	21
PXD 4-60-F	1.1	1.5		55	52	48	43	39	33	26

Hydraulic Performance Curves



Hydraulic Performance Curves





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NEXT GENERATION PUMP

Submersible Sewage Pump

APPLICATION

Suitable for use with dirty water that is not chemically aggressive towards the materials from which the pump is made. As a result of their reliability and the fact that they are easy to use, and suitable for use in applications such as clearing dirty water, discharging domestic waste water, and for emptying collection traps containing particle up to a maximum of $\phi 35\text{mm}$.



Motor

Two-pole induction motor($n=2850$ r.p.m)
Insulation Class B
Protection IP68
Continuous service S1
Thermal protector for single phase
Single-phase 220V/50Hz
Three-phase 380V/50Hz

Component

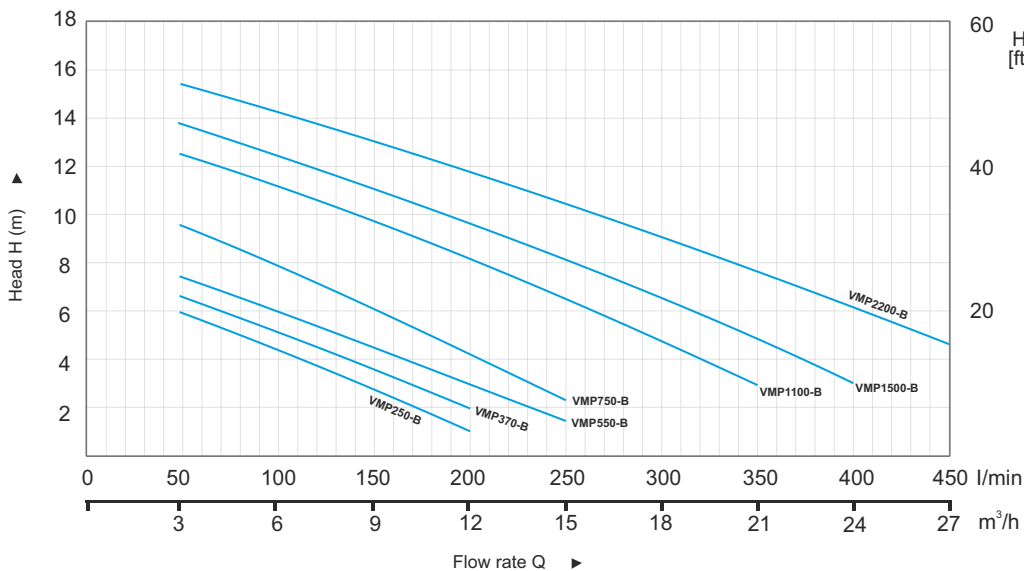
Pump body : Cast iron
Motor housing : AISI201 SS
Impeller : SS
Motor shaft : Carbon steel, AISI 304 SS
Mechanical seal : Ceramic/Graphite
Cable : 6m power cable with plug

Construction

Operating conditions

5m maximum immersion depth
Liquid temperature up to 35°C
Maximum ambient temperature 40°C

PERFORMANCE CHART AT $n=2850\text{RPM}$



MODEL	POWER		OUTLET (Inch)	N.W (Kg)	Q(m³/h) Q(l/min)	0	3	6	9	12	15	18	21	24	27	30	
	kW	HP				0	50	100	150	200	250	300	350	400	450	500	
VMP250-B	0.25	0.34	1½"	7.5	H	7.5	6	4.5	3	1							
VMP370-B	0.37	0.5	1½"	8.5		8	6.5	5	3.5	2							
VMP550-B	0.55	0.75	2"	13		9	7.7	6	4.4	3	1.5						
VMP750-B	0.75	1	2"	14		11	9.5	7.5	6	4.5	2.5						
VMP1100-B	1.1	1.5	2"	16		14	12.5	11	9.5	8	6.5	5	3				
VMP1500-B	1.5	2	2"	19		15	13.5	12	10.5	9.5	8	6.5	5	3			
VMP2200-B	2.2	3	2"	21		16.5	15.5	14.5	13.5	12.5	11.5	10	8.5	6.5	4.5		



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