



PAQOS
FLOW OF LIFE

W A T E R

WE MANAGE EFFICIENTLY

A woman with long, wavy brown hair, wearing a light blue button-down shirt and grey high-waisted trousers, stands on the right side of the frame, smiling and holding a small glass of water. To her left is a large, clear glass filled with water and ice cubes. A dynamic splash of water is captured mid-air, falling into the large glass. The background is a solid, deep blue, and the overall lighting is bright and clean, emphasizing the purity of the water.

WATER A SUPER FOOD FOR LIFE...

Let's wash away all
the ignorance,
manage it efficiently,
and enjoy it responsibly.

WATER. EARTH'S BIGGEST TREASURE.

Water is widely considered a highly beneficial nutrient for human consumption. The resource is an indispensable element of our daily existence, playing a vital role in our hygiene, sanitation, and hydration practices. To derive maximum benefits from this vital resource, it is essential that we treat it with the utmost care, ensuring proper storage, treatment, and adequate supply. It is imperative that we manage water resources efficiently with a focus on optimizing its potential for good health and complete rejuvenation.

At PAQOS

We Move Water
We Treat Water
We Respect Water...

The biggest gift to humankind.





THE LEADER IN WATER HANDLING BUSINESS

PAQOS boasts a legacy of over 25 years

Renowned for our expertise in product categories related to water treatment and pumping for HVAC, firefighting, water treatment plants, and various plumbing installations, we specialize in offering complete water solutions. PAQOS stands as a reputable name in the domestic, commercial, and industrial sectors, embodying excellence in every drop.

**25+
Years**

**80000+
Registered
Customers**

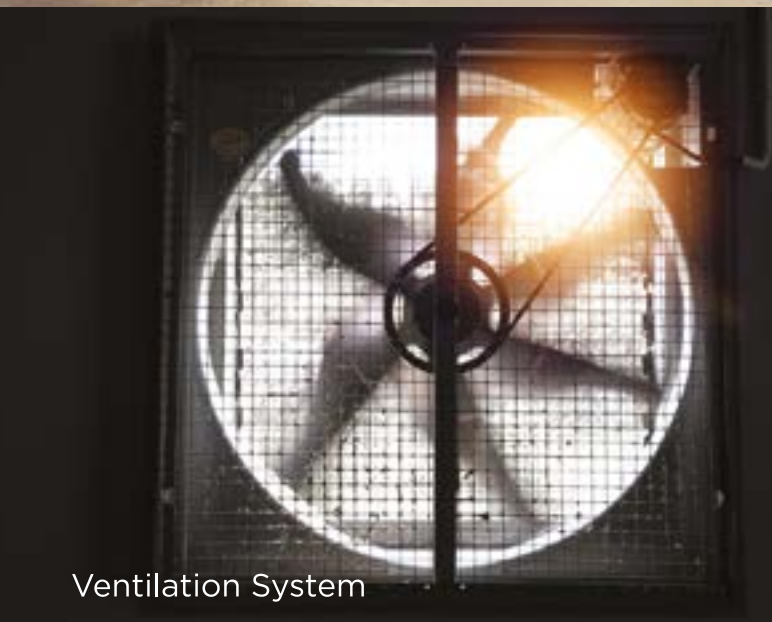
**App
Enabled
Smart
Service**

**Complete
Water
Solutions**

OUR EXPERTISE



Fire Fighting



Ventilation System



Water Treatment Plant



Sewage Treatment Plant



Swimming Pool



HVAC

OUR KEY CUSTOMERS



DLF
BUILDING INDIA

45 Projects



unitech

24 Projects



Jaquar
GROUP

6 Projects



lemon tree
HOTELS

5 Projects



ireo

4 Projects



McDonald's

4 Projects



CENTRAL PARK

4 Projects



bobo

3 Projects



SIGNATURE GLOBAL
MAKING IDEAS AFFORDABLE

3 Projects



THE LaLiT

3 Projects



OMAXE
Turning dreams into reality

3 Projects



ATS
The better way home.

3 Projects



Fortis
HOSPITALS

3 Projects



Fortis Escorts
HEART INSTITUTE

3 Projects



Sterling

3 Projects



MAPSKO
INSPIRING DEVELOPMENT

2 Projects



Orris
expect the best

2 Projects



PURI
CONSTRUCTIONS

2 Projects



Indiabulls

2 Projects



EMAAR MGF

2 Projects



BESTECH
BUILDING MORE THAN TRUST

2 Projects



ESI

2 Projects



xansa

2 Projects



Ansal Plaza

2 Projects



AJNARA
PEACE OF MIND

1 Project



JW MARRIOTT
HOTELS & RESORTS

1 Project



PAN Oasis

1 Project



Apollo
HOSPITALS

1 Project



medanta
THE MEDICITY

1 Project



GUPTA
PROMOTERS

1 Project



ETT

1 Project



M&M
Our Expertise. Your Joy.

1 Project

DOMESTIC SOLUTIONS

AUTOMATED, PROGRAMMABLE COMPLETE WATER SOLUTIONS



Pressure Booster Pumps

Smooth showering
experience every time

Note: Refer to page no.38-47 for technical specifications.



Water Filters & Softeners

Bid goodbye to
hard water problems



Stainless Steel Tanks

Overhead Insulated Tanks
for clean and safe water



Alkaline Water System

Healthy water for disease
free living



High-capacity RO Systems

For hygienic water use



Heat Pumps

For commercial and
household purposes



A GLOBAL
COMBINATION

PARTNER WITH



Pumps & Booster System



Softener Resin



Ventilation System



Alkaline Water



Sewage Pumping

We are the one source for all water solutions: This includes end-to-end treatment solutions for your building. We provide solutions from source to use, extracting water from the source, pre-filtration and softening treatment to transfer to all points of use. We are also the one source for the installation and maintenance of all equipments.

WATER SCHEMATIC

SOURCE TO SUPPLY FOR END-TO-END SOLUTIONS

- 1

Underground SS
Storage Tank
- 2

Fully Auto Control Open
Well Pump
- 3

Centralized Automatic Filtration
+ Softener + R.O. System
- 4

SS Insulated Overhead
Water Tank
- 5

Centralized Fully Automatic
Water Pressure Booster System
- 6

Fully Automatic Circulating
Pumping System
- 7

Centralized Auto Control
Hot Water System
- 8

Alkaline Hydrogen
Water Ioniser
- 9

Fully Automatic Control
Sewage Pumping System



PUMP UP YOUR BATHING EXPERIENCE

PAQOS BOOSTER SYSTEM,
A LEGENDRY PRODUCT
SINCE INCEPTION TO CUSTOMERS'
COMPLETE SATISFACTION.

Experience the harmonious union of PAQOS and Xylem water solutions with PAQOS Plus—a new feather in our cap.



This collaboration with Xylem, a global leader in the pumping industry, elevates the ordinary bathing ritual into an extraordinary. PAQOS ensures that your bathing experience transcends routine, becoming a cherished ritual of pure, uninterrupted bliss.



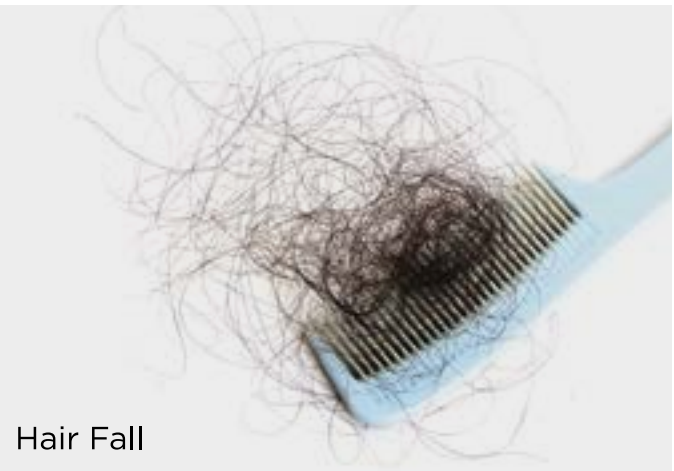
INDULGE IN

FRESHNESS | RELAXATION | REJUVENATION

Fully Automatic | Uniform Water Pressure | Low Noise Operation

HARMFUL EFFECTS OF HARD WATER IN DAILY LIFE

You may not realize, but hard water is not only damaging your skin, hair & clothes, it's also gradually destroying your expensive water-utilizing appliances and water pipes as well as raising your electricity bills.



SUSTAINABLE SOFT WATER GOALS

A LUXURIOUS EXPERIENCE

By removing calcium & magnesium & other mineral buildup due to hard water. Also, reducing the corrosion process, making the appliances easy to clean.

IMPROVE THE EFFICIENCY OF THE SYSTEMS

Increasing the efficiency of plumbing fixtures performance. Eliminating buildup of scales. Increasing the efficiency of water powered and water filtration appliances by requiring less cleaning detergents.

SAVING MONEY OVER MAINTENANCE OF APPLIANCES

Less breakdown so less spending on maintenance of the valuable and daily use appliances.

INCREASING LIFE OF BATHROOM FITTING/UTENSILS/APPLIANCES

Avoiding mineral deposit that can affect the hot tub, coffee maker, washing machine, refrigerator.

SOFT ON THE SKIN / NO SCUM AFTER SHAVING

Avoid minerals that strip away moisture.

LEAVING NO WATER STAIN ON SHINY SURFACES

MONEY SAVING

GOOD HEALTH

LESS DISEASE

BETTER HEALING

CLEAN WATER

SHINY SURFACES

GENTLE ON FABRIC

SAVES TIME





LET US FILTER OUT ALL IMPURITIES, AND SOFTEN THE HARD WATER FOR LUSTROUS EXPERIENCE

Clean and safe water is essential for the smooth functioning of life. Whether it's for manufacturing processes or everyday consumption, having reliable water filtration and softening systems in place is crucial. We understand the importance of clean & soft water, and that's why we offer a range of water filtration & softener systems that cater to the specific needs of different industries. Our water filtration systems are designed to remove impurities such as chlorine, sediments, and other harmful contaminants, providing businesses with a reliable source of clean and crystal-clear water.

NEOPRENE JACKETS, A TOUCH OF STYLE

- First to launch
- ZIPPER jacket especially designed for insulation
- Temperature control within the vessel
- Reduces the moisture accumulation outside the vessel
- Protects from algae and fungus formation within the vessel
- Easy to install- zip style dismantling of other fittings
- Touch of style to customers
- Longer vessel life



THE SOOTHING
EXPERIENCE OF FILTERED
SOFT WATER

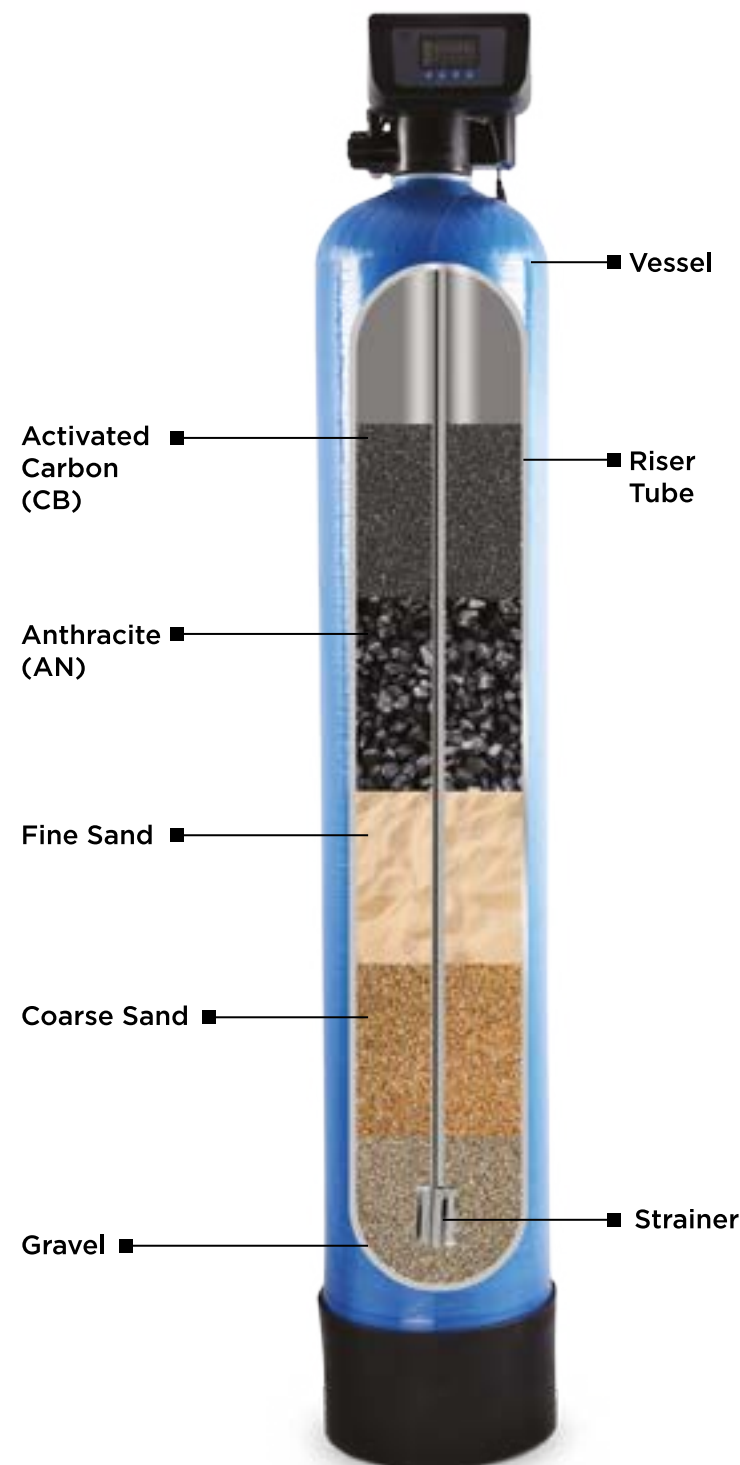


Powered with  MITSUBISHI
CHEMICAL



WATER FILTRATION PROCESS

To flush out debris & particles for smooth water flow from shower & taps.



Activated Carbon (CB)



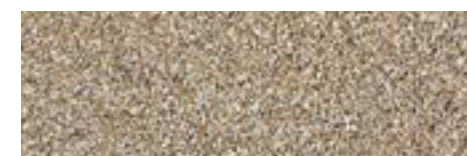
Anthracite (AN)



Fine Sand



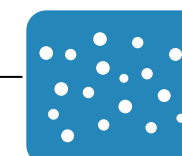
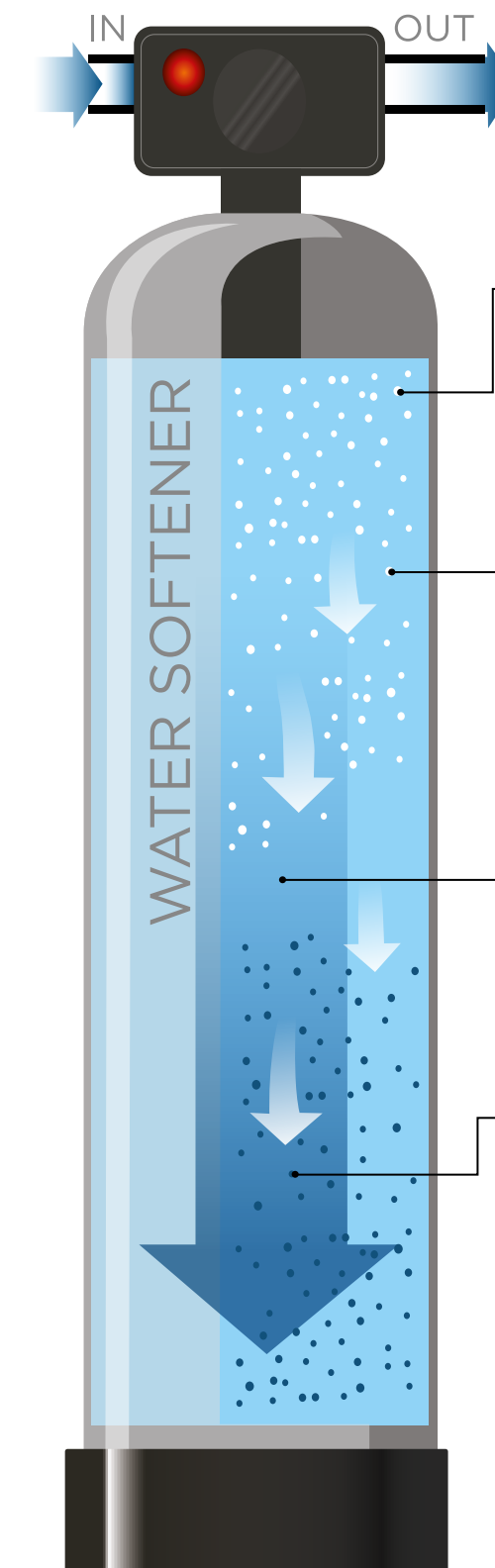
Coarse Sand



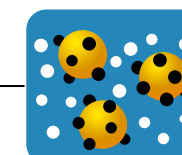
Gravel

WATER SOFTENING PROCESS

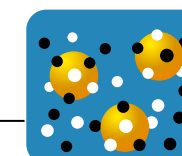
To soften the hard water for lustrous & shiny hair, skin & luxurious bathrooms.



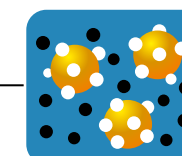
Water enters the water softener with dissolved minerals such as Calcium and Magnesium. Both Calcium and Magnesium have a positive charge.



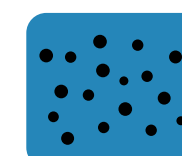
Resin beads have a negative charge. Sodium ions have a small positive charge. Since positive charges attract negative charges, the Sodium ions stick to the resin beads.



The higher positive charge of the Calcium and Magnesium kicks the Sodium off of the resin beads. The Calcium and Magnesium are now stuck on the resin beads.



The Sodium ions are now floating in the water and the Calcium and Magnesium are stuck to the resin beads. The water is now softened because the minerals (Calcium and Magnesium) have been removed from the water.



The Calcium and Magnesium are gone. The Sodium ions are in their place in the output water.

TECHNICAL SPECIFICATIONS (SOFTENER)

MODEL	FLOW (MAX) (M3/HR)	FUNCTION (AUTO/ MANUAL)	OUTPUT B/W REGENERATION M ³ /HR		TREATED WATER HARDNESS	SALT PER REGENERATION (KGS)	WORKING PRESSURE (KG/CM ²)	
			200 PPM	400 PPM			MIN.	MAX.
10*54	4 m ³ /hr	AUTOMATIC	15	8	<50ppm	8	1.5	3.5
13*54	4 m ³ /hr	AUTOMATIC	30	15	<50ppm	15	1.5	3.5
14*65	4 m ³ /hr	AUTOMATIC	37	19	<50ppm	19	1.5	3.5
16*65	8 m ³ /hr	AUTOMATIC	45	23	<50ppm	23	1.5	3.5
18*65	10 m ³ /hr	MANUAL	60	30	<50ppm	30	1.5	3.5
21*62	10 m ³ /hr	MANUAL	75	38	<50ppm	38	1.5	3.5
24*72	10 m ³ /hr	MANUAL	105	53	<50ppm	53	1.5	3.5
30*72	20 m ³ /hr	MANUAL	150	75	<50ppm	75	1.5	3.5
36*72	20 m ³ /hr	MANUAL	225	112	<50ppm	113	1.5	3.5
42*72	25 m ³ /hr	MANUAL	330	165	<50ppm	150	1.5	3.5

Fig 1.1 Series of PMS softener chart providing specs

TECHNICAL SPECIFICATIONS (FILTER)

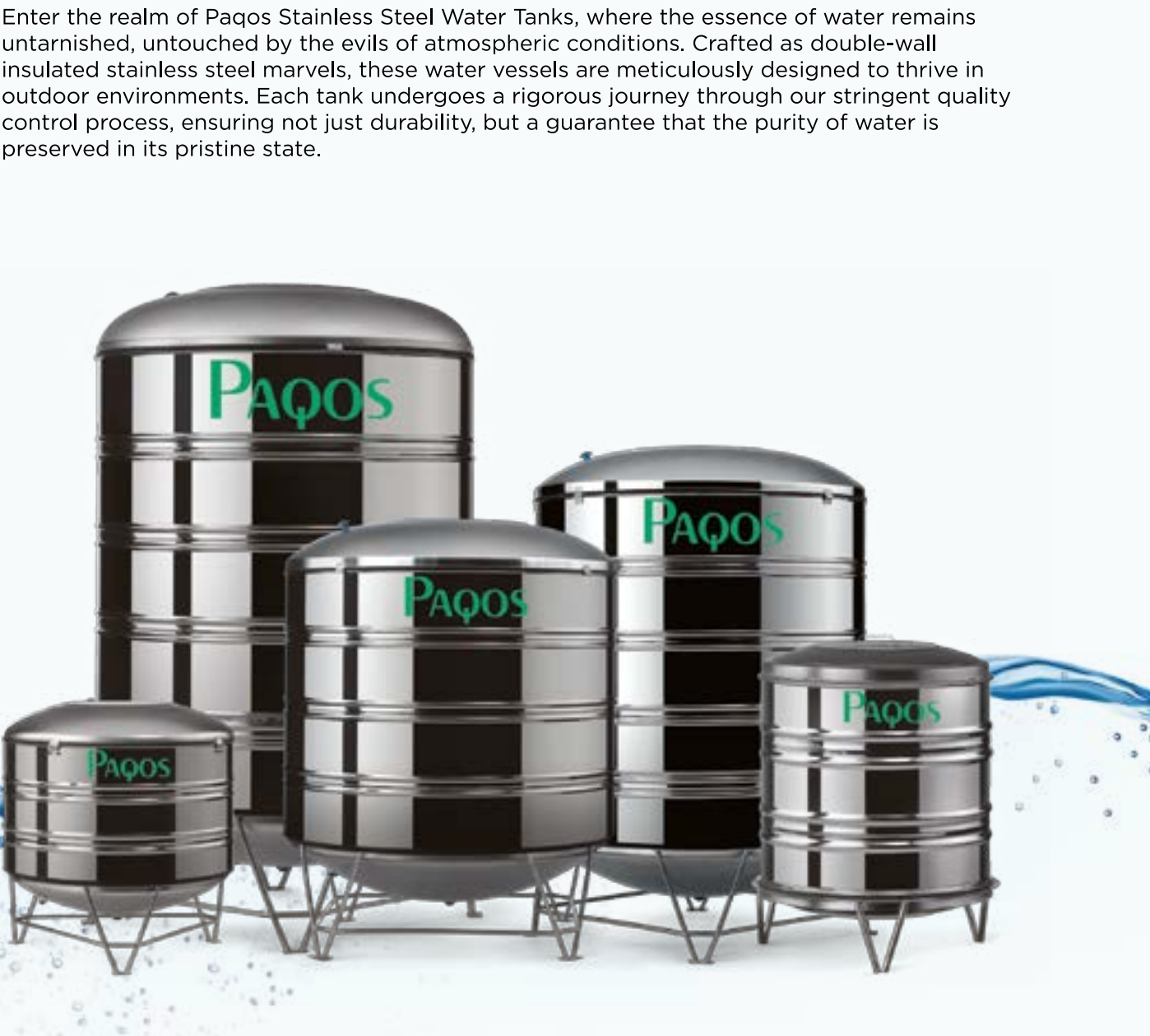
MODEL	FLOW (MAX) (M3/HR)	FUNCTION (AUTO/ MANUAL)	CONNECTIONS WITH THE UNION (MM)		DIMENSIONS (MM) APPROX. W/BASE		WORKING PRESSURE (KG/CM ²)	
			INLET	OUTLET	DIA	HEIGHT	MIN.	MAX.
10*54	4 m ³ /hr	AUTOMATIC	15	8	250	1350	1.5	3.5
13*54	4 m ³ /hr	AUTOMATIC	30	15	325	1367	1.5	3.5
14*65	4 m ³ /hr	AUTOMATIC	37	19	350	1635	1.5	3.5
16*65	8 m ³ /hr	AUTOMATIC	45	23	400	1635	1.5	3.5
18*65	10 m ³ /hr	MANUAL	60	30	450	2060	1.5	3.5
21*62	10 m ³ /hr	MANUAL	75	38	525	1925	1.5	3.5
24*72	10 m ³ /hr	MANUAL	105	53	600	2263	1.5	3.5
30*72	20 m ³ /hr	MANUAL	150	75	750	2336	1.5	3.5
36*72	20 m ³ /hr	MANUAL	225	112	900	2281	1.5	3.5
42*72	25 m ³ /hr	MANUAL	330	165	1050	2292	1.5	3.5

Fig1.2. Series of Multi Media Filter Chart/Activated Carbon Filter/Iron Removal Filter Providing all specs

*Manual solution also available from 50 Ltr. to 2000 Ltr. in FRP & MS



SCORE ON HEALTH BY STORING WATER WELL



100% Hygenic
Prevents the growth of fungus and algae

Long Durability
Designed to withstand all weather conditions

Monkey & Vandal-proof
Designed to protect the water from monkey menace

Non Toxic
High quality steel makes it plastic-free

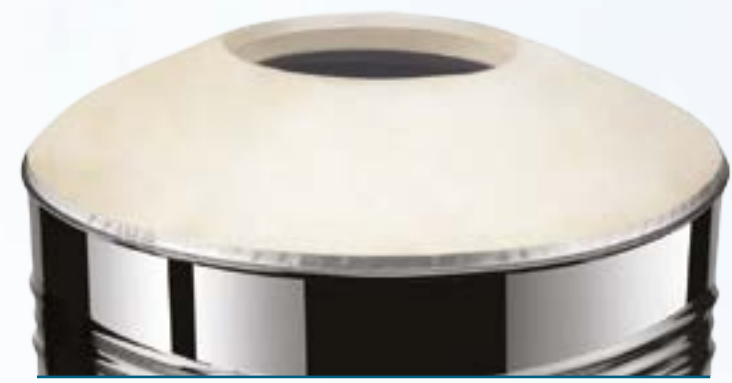
Normal water in winter & summer
PUF insulation ensures negligible change in water temperature during seasons

THE PAQOS WATER TANK ADVANTAGE

- **Premium quality products**
Paqos use the best quality raw material to construct premium quality end product to meet the consumer expectations.
- **Renowned supplier**
Paqos, the leading supplier of complete water solutions, is the authorized channel partner of Jindal Stainless Steelway Ltd.
- **State-of-the-Art Technology**
Paqos uses the world class tool and the machinery: Seam Welding, PUF Injection, Arm Laser Welding, Laser Cutting.
- **Hygiene**
The innovative advancement offers highest level of hygienity.
- **Best in Industry**
Today, Paqos comes with high grade stainless steel water tank removing all the obstacles that is allowed with the rich experience of customer satisfaction and industry demand.
- **High Grade Insulation**
BASF - 158 years old Germany based company which is the name itself sufficient to claim the quality in the product. Paqos uses HCFC free polyurethane PU rigid foam insulation, to achieve the thermal insulation in its products without fail.
- **After-sale & Service**
Paqos provides the high quality standard product but all the best effort is possible not just at the stage of production even after sales also.

A dedicated mobile application, customer care number, customer care email id all are available to resolve the customer issues within 24-48 hours under ZTP (Zero Tolerance Policy).

High PREN Value, warranty, toughness & durability, tailored and custom made design and capacity, hydrostatically tested, suitable to the required environment... all make the Paqos product unmatched in the industry.



Thick high density PUF insulation.

Available Sizes - 500 Ltr. to 10000 Ltr. | Custom Size are also available on request

MULTI-LAYER
SS STORAGE TANKS

LAYER	MATERIAL	CONTAINS	PROPERTIES	PURPOSE
1	SS304,316L,316T, 2205	High grade stainless steel sheet of required grade	0.8-3MM* Thickness	Inner stainless steel
2	VCL (vapour control layer)	Aluminium foil + glass scrim + LDPE (low density Polythylene)	Thickness: 165 micron; air permeability: 0%;	Moisture barrier
3	Nitrile thermal insulation	Elastomeric foam based on synthetic rubber	Thickness: 13mm; density: 40 kg/m3; Thermal conductivity: 0.0346 w/mk @ 0 c mean temperature	Temperature barrier for hot & cold heat loss
4	Aluminium class 'o' resistance layer	Reflective Aluminium foil	Soild Metal	Moisture barrier
5	LRB Matts with GI wire mesh	Light Resin Bonded Mattress of Mineral Wool with 24 Guage Hexagonal Wire Netting	Thickness: 25mm; Density: 100 Kg/m3; Thermal Conductivity: 0.035 W/mk @0 C	Temperature Barrier for Hot &Cold Heat Loss; Less then 2% Moisture absorption;Rot Proof
6	Polyurethane foam (PUF) insulation	Blend of Isocyanate & Polyol alongwith Amine (catalyst)	Density 45kg/m3	Closed cell foam insulation, corrosion free
7	SS304	High grade stainless steel sheet of required grade	0.6-1MM* Thickness	Outer stainless steel

*Thickness depends on tank capacity and customer demand

FEATURES



High PREN value (measurement for pitting corrosion resistance)



Up to 3MM thickness of SS Sheet can be built as per customer demand



Up to 25 Years Long Warranty for selected range



Hydrostatically Tested Product



Offers tough and ductile tank which improves products life span



Solution to High Chloride SS2205



Unmatched strength



Perfect for Harsh environment



Stainless Steel acts as natural element free from bacterial



Highest level of safety as per pharmaceutical standard



Meets the European pressure equipment directives.



Tamper-proof Stainless Steel Tanks to maintain water hygiene



High Temperature Insulation



Highly durable and not affected by vulnerability

CHARACTERSTIC OF DIFFERENT TYPES OF SS GRADE



FOOD GRADE STAINLESS STEEL SS304

Stainless Steel 304 is the most common stainless steel. It is an austenitic stainless steel. It has a higher corrosion resistance because of chromium and nickel composition in it than regular steel and is widely used because of the ease in which it is formed into various shapes.



MEDICAL EQUIPMENTS GRADE STAINLESS STEEL SS316

Stainless steel 316L has a lower carbon content and is used in applications that subject the metal to risks of sensitization. It offers greater thermal stability and creep resistance in the chloride environment. Stainless steel utilizes the principle of passivation, wherein metals become "passive" or unreactive to oxidation from corrosive compounds found in the atmosphere and process fluids.



MEDICAL EQUIPMENTS GRADE STAINLESS STEEL WITH TITANIUM SS316 TI

316Ti is a titanium stabilised version of 316 molybdenum-bearing austenitic stainless steel. The 316 alloys are more resistant to general corrosion and pitting/crevice corrosion than the conventional stainless steels such as 304 & SS316. They also offer higher creep, stress-rupture and tensile strength at elevated temperature. The formation of grain boundary chromium carbides at temperatures between approximately 900 and 1500°F (425 to 815°C) which can result in inter granular corrosion.



SUPER DUPLEX GRADE STAINLESS STEEL SS2205

Duplex 2205 stainless steel (both ferritic and austenitic) is used extensively in applications that require good corrosion resistance and strength. The high oxidation resistance property of Grade 2205 is marred by its embrittlement above 300°C. It resists localized corrosion types like intergranular, crevice and pitting. Grade 2205 stainless steels are apt replacements to austenitic grades, especially in premature failure environments and marine environments.

TECHNICAL COMPOSITION OF DIFFERENT TYPES OF SS GRADE

ASTM	EN	%C	%Si	%Mn	%P	%S	%N	%Cr	%Ni	%Mo	%Ti	Tensile Strength (Mpa)
304	EN 1.4301	0.07	1	2	0.045	0.015	0.1	17.5-19.5	8.0-10.5	-	-	515
316	EN 1.4404	0.07	1	2	0.045	0.015	0.1	16.5-18.5	10.0-13.5	2.0-3.0	-	585
316 Ti	En 1.4571	0.08	1	2	0.045	0.015	0.1	16.5-18.5	10.0-13.5	2.0-3.0	0.7	591
2205	En 1.4462	0.03	1	2	0.03	0.035	0.14-0.2	21-23	4.5-6.5	2.5-3.5		655

SUITABILITY OF DIFFERENT TYPES OF SS GRADE AS PER TDS AND SOURCE OF WATER

TDS and Source of Water plays an important role of selecting the precise grade of SS. If the appropriate grade is not selected for required water can result stress and pitting corrosion which reduces the shell life.

GRADE	SOURCE OF WATER	WATER	DESIGNED LIFE SPAN**	TDS (PPM)	CHLORIDE (CL) (MG/L)	CHLORINE (C12) (MG/L)
SS304	Govt Source	Soft Water	12-15 Years	<100	<205	<2.05
SS316	Govt Source	Soft Water	12-15 Years	<300	<205	<2.05
SS316 Ti	Borewell/Aquifer*	Hard Water	12-15 Years	<600	<315	<3.09
SS2205	Marine/Brackish/Borewell*	Extreme Hard	25 Years	<1500	<1050-1550	<5.07

*Borewell/marine water doesn't have any controller parameters so we can't assume any particular element in it.

**Life Span is suggested if the above property of water filled in the tank matches only.



COMPARISON SUMMARY

Sl. No	PARAMETERS	Paqos STAINLESS STEEL TANK	PLASTIC TANK
1.	Water Quality	Hygienic	Toxic
2.	Medically	Approved	Rejected
3.	Growth of Algae & Fungus	Nil	Continues
4.	Life of Tank	Long Life	Short Life
5.	Hygiene	All time clean	All time dirty
6.	Heat Absorption	Good	Nil

DIFFERENT CAPACITIES

DIMENSIONS

CAPACITY (LITRES)	TYPE	HEIGHT WITH STAND (MM)	DIA IN MM	SIZE OF FITTINGS (INCHES)			
				INLET	OUTLET	OVERFLOW	DRAIN
500	NON INSULATED	1140 MM	850 MM	1"	1"	1"	1.5"
	INSULATED	1145 MM	970 MM	1"	1"	1"	1"
1000	NON INSULATED	1745 MM	970 MM	1"	1.1/2"	1"	1.1/2"
	INSULATED	1750 MM	1050 MM	1"	1.1/2"	1"	1.1/2"
1500	NON INSULATED	1825 MM	1230 MM	1"	1.1/2"	1"	1.1/2"
	INSULATED	1830 MM	1300 MM	1"	1.1/2"	1"	1.1/2"
2000	NON INSULATED	2175 MM	1230 MM	1"	1.1/2"	1"	1.1/2"
	INSULATED	2180 MM	1300 MM	1"	1.1/2"	1"	1.1/2"
2000	NON INSULATED	1865 MM	1420 MM	1"	1.1/2"	1"	1.1/2"
	INSULATED	1870 MM	1530 MM	1"	1.1/2"	1"	1.1/2"
2500	NON INSULATED	2195 MM	1420 MM	1"	1.1/2"	1"	1.1/2"
	INSULATED	2200 MM	1530 MM	1"	1.1/2"	1"	1.1/2"
3000	NON INSULATED	2240 MM	1600 MM	1.1/2"	2"	1.1/2"	2"
	INSULATED	2245 MM	1700 MM	1.1/2"	2"	1.1/2"	2"
4000	NON INSULATED	2520 MM	1600 MM	1.1/2"	2"	1.1/2"	2"
	INSULATED	2525 MM	1700 MM	1.1/2"	2"	1.1/2"	2"
5000	NON INSULATED	2935 MM	1600 MM	1.1/2"	2"	1.1/2"	2"
	INSULATED	2940 MM	1700 MM	1.1/2"	2"	1.1/2"	2"

NOTE: # Non insulated tanks are available in SS304 & SS316L materials.
Insulated tanks are available with inner & outer shell both in SS304 and with Inner shell in SS316L & outer shell in SS304.



LET US DRINK HEALTHY ALKALINE WATER FOR DISEASE-FREE LIVING.

Alkaline ionizers are taking on the drinking water market due to many associated health benefits. At PAQOS, we have concentrated on a machine that green ticks the checkboxes in many areas:

Range of Functionality: The Ionizer comes with multiple options and features that help you change the pH of water (range from 3 – acidic to 12 – alkaline) as per requirement.

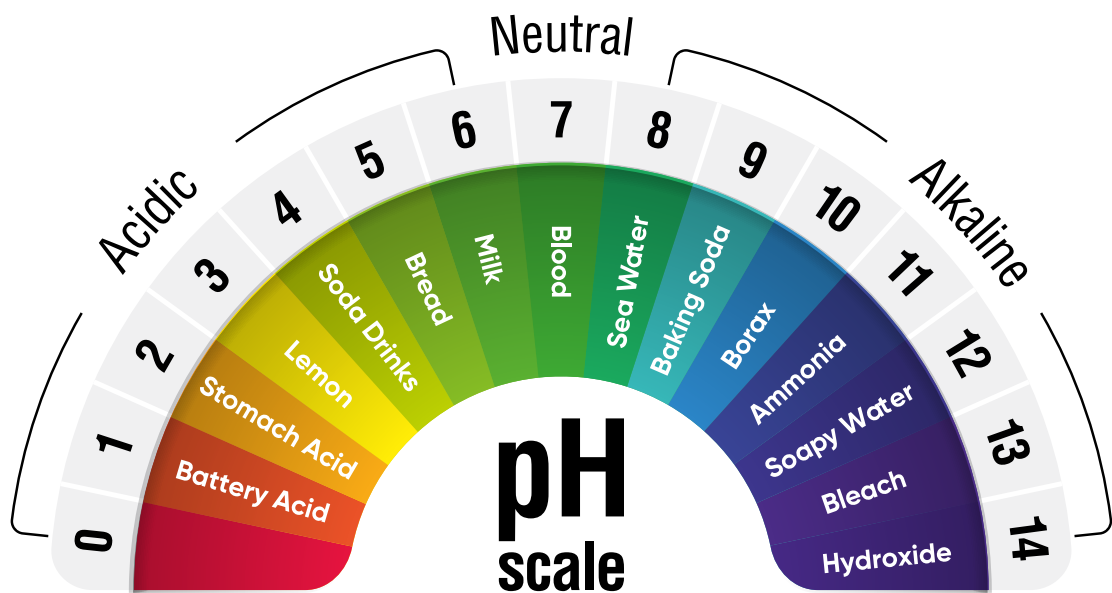
Oxidation-Reduction Potential: ORP in the range of -250mv to -900mv helps maintain the anti-oxidizing properties of water, all at the touch of a button, thus making it a preferred home water solution.

Budget-Friendly: Being a great machine does mean it robs you of your fortunes. PAQOS has kept this in mind, and our Ionizers aren't steeply-priced, but the tag befits the functionality, aesthetics, research and features it carries.

Design: The product is designed keeping the aesthetics of your home/organization in mind. It stands out but never gets out.

Low Maintenance: This means that the filter in alkaline water ionizer lasts for about 2000 gallons of water. The warranty that comes along protects against any common issues.





Alkaline restores the optimum PH balance by reducing acidic levels in water as well as in your body. See the innumerable benefits ionized Alkaline water brings to your body:

- **Hydrating:** Smaller water cluster size allows water to penetrate cells more easily and keeps you better hydrated
- **Antioxidant:** Alkaline helps to neutralize free radicals that can cause cellular and DNA damage
- **Detoxifying:** Alkaline eliminates mucous build-up on colon walls, thus improving the body's ability to absorb important nutrients
- **Rich in minerals:** Such as calcium, magnesium and potassium which are vital to human health
- **Weight control:** Alkaline reduces the body's need for fatty tissues which protects vital organs from acidity by storing acidic waste in less critical parts of the body
- **Oxygen rich:** Alkaline water increases the amount of dissolved oxygen in the blood
- **Cleansing:** Contributes to flushing out acidic waste and toxins that have accumulated in the body over time
- **Enter glizing:** Negatively charged hydroxyl ions contribute to increased energy, mental clarity and overall alertness



3000F

- 280 W SMPS - Available for RO
- Max. 9 plate Titanium Platinum Electrode
- Max pH 2.7 - 11.3
- Full Color TFT Touch LCD
- Easy Smart Operation

5000N

LIFECORE-5000N SPECIFICATION

Electrolysis	Electrode material	Platinum Plated Titanium
	No. of Electrode	9 plates (5000N)
	Cleaning Method	Automatic Reverse Cleaning
	Phase	Alkaline-5 phase, Purified, Acidic-2 phase
Filtration	No. of filter	2 filters
	Longevity	No. 1:4 months (2000 liter), No. 2:8 months (4000 liter)
	Filter Replacement	Front door open
	Filter Material	Block Carbon, Activated Carbon, Anion Ceramics, Felt etc. 9 phase
Electricity and Water Supply	Voltage	100V~240V, 48~63 Hz
	Power Consumption	282 VA(9 plate) SMPS power supply
	Temperature of Source Water	5~30° C
	Available Water Pressure	0.7~5 kgf/cm ²
Basic Specification	Protection System	Fuse 3A, bimetal, built-in temperature sensor
	Dimension	385mm(H) x 289mm(W) x 148mm(D)
	Weight About	6kg
	Operation	Touch Switch
	Display	LED Display
Features	7 language Voice instructions (English, Chinese, Spanish, German, Russian, Vietnamese, Korean)	
	Water Quality Selection	
	Melody	
	Wall adhere	



LET US FLOW SAFE WATER FROM HIGH-CAPACITY RO.

- The safety and accessibility of drinking-water is a major concern throughout the world
- Several health risks may arise from consumption of water contaminated with impurities of infectious agents, toxic chemicals hazards
- Today, Reverse Osmosis (RO) producing clean, great-tasting water not only serves the household needs but also caters to commercial needs of offices, restaurants, hotels etc.
- RO is must to reduce and control high TDS level of water
- PAQOS' high capacity ROs from 150LPH onwards for commercial purposes are compact and environment friendly. Our purification system provides a continuous stream of clean & fresh water for multiple uses



DOMESTIC & COMMERCIAL HEAT PUMPS, WATER HEATERS

PAQOS water heaters combine cutting-edge technology and energy efficiency, ensuring a reliable and eco-friendly solution for your hot water needs.

ADVANTAGES



Low running cost - Much lower than conventional water heaters as well as boilers



Simple operation - Convenient settings with intelligent digital control



Easy installation - Can be installed in any convenient location



Eco friendly - There is no emission of harmful gases, hence it is a green product



High durability and long life - Lasts for years with little maintenance



More safety - More safety features have been provided for both product and user safety



Highly efficient - Coefficient of performance (ratio of output power to input power) can be as high as 4 times



All-weather comfort - Uninterrupted operation even on rainy days and in all seasons

APPLICATIONS

- Hotels
- Restaurants
- Schools
- Hostels
- Hospitals
- Apartments
- Offices
- Other commercial establishments

PAQOSPLUS SERIES

MXseries
Horizontal Multi
Stage Pumps 50 Hz

Perfect Solution for Insufficient
Water Pressure
in Small & Large Independent Residences,
Small Hotels, Boilers & Solar Heaters etc.

Essential for Every House
Excellent Water Pressure in Showers, Large
Rain Showers, Multifunction Shower Panels,
Rain Maker, Water Tiles, Water Body Jets

MX-40 / MX-50 / MX-60
WITH 24LTR. VERTICAL TANK

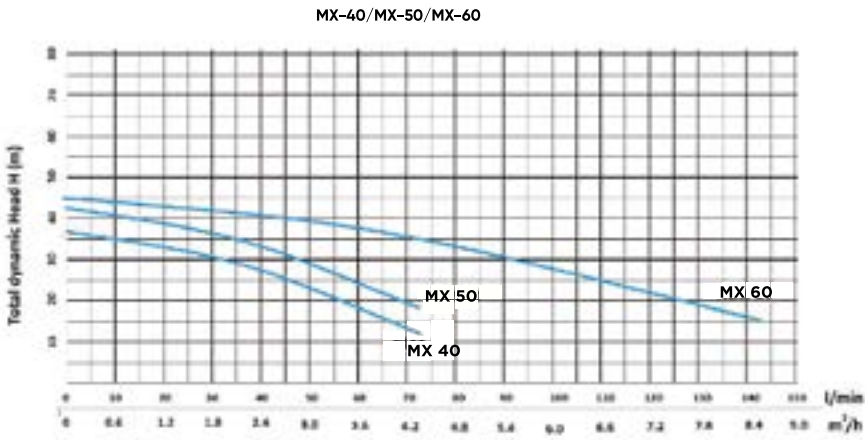


Technicals of MX-Series – Vertical Vessel

	MX-40	MX-50	MX-60
Q-Max	4.4 M3H	4.4 M3H	8.5 M3H
H-Max	35 mtr	43 mtr	43 mtr
Power	075 HP	0.85HP	1HP
I.P Rating	IP-55	IP-55	IP-55
Volts	240v/50HZ	240v/50HZ	240v/50HZ
P.Tank	24 Ltr.	24 Ltr.	24/60 Ltr.
Pressure Switch	Danfoss	Danfoss	Danfoss
Pressure			

MOC – M-Series

Suction/Discharge	SS-304
Body	SS-304
Impeller	SS-304
Pump Housing	SS-304
Shaft	SS-316
Mech Seal	Ceramic/Carbon



MXseries
Horizontal Multi
Stage Pumps 50 Hz

MX-60/ MX-70
WITH HORIZONTAL TANK

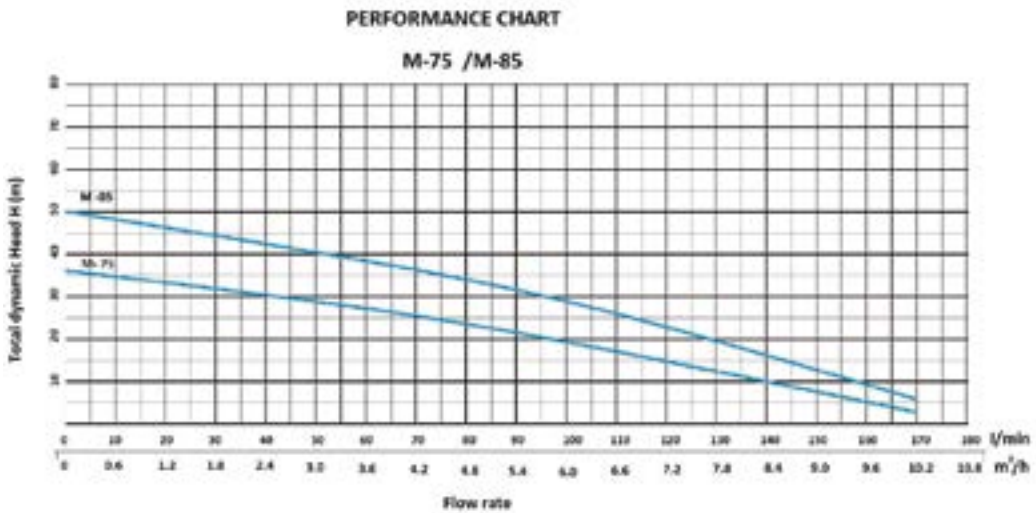


Technicals of M-Series – Horizontal Vessel

	MX-60	MX-70
Q-Max	8.5 M3H	8.5 M3H
H-Max	43 mtr.	41.5 mtr
Power	1 HP	1 HP
I.P Rating	IP-55	IP-55
Volts	230v/50HZ	230v/50 HZ
P. Switch	Danfoss	Danfoss
P.Tank	60 Ltr.	80 Ltr.

MOC – M-Series

Suction/ Discharge	SS
Pump Housing	AISI 304 S.S
Impeller	S.S 304
Shaft	AISI 316 S.S
Mech. Seal	Ceramic/Carbon



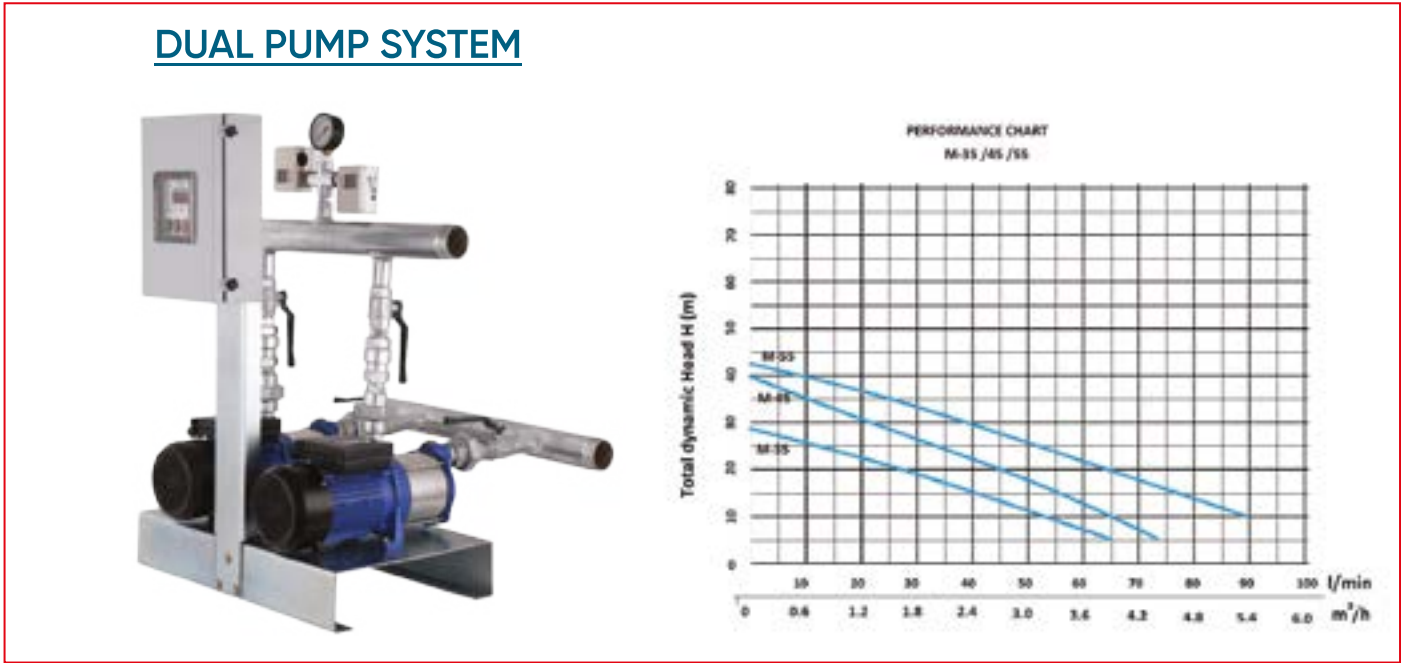
MXD
series

Pressure Boosting Application
Multi Booster Sets

Perfect Solution for Insufficient Water Pressure
in Small & Large Independent Residences, Small Hotels, Boilers & Solar Heaters etc.

Essential for Every House
Excellent Water Pressure in Showers, Large Rain Showers, Multifunction Shower Panels, Rain Maker, Water Tiles, Water Body Jets

MX DUAL-40/ MX DUAL-50 / MX DUAL-60
WITH 60LTR. HORIZONTAL TANK



Dual Booster System – MX

Model	H.P	Q. Max	H.Max	Volts	No. of Pump	P. Tank	P. Switch
MX-40 Dual	.75HP 4.4	4.4	35 mtr.	240v/50hZ	2	60 Ltr.	2
MX-50 Dual	.85HP 4.4	4.4	43 mtr	240v/50hZ	2	60 Ltr.	2
MX-60 Dual	1HP 8.5	8.5	43 mtr	240v/50hZ	2	60 Ltr.	2

HS
series

Automated Hot Water Circulation System

OPERATING LIMITS

Flow up to :	25 m ³ /h
Head up to :	75 m
Max. working pressure :	10 bars
Max. suction pressure :	6 bars
Max. suction head :	7 m
Max. temp. range :	- 15°C + 1 10°C
Max. ambient temp. :	40°C

APPLICATION

- Compact ready to install set
- Control & protection group together in cabinet to ensure full logic control for operation
- Silent operation
- Flow - 20 LPM to 73. 3 LPM
- Head - 9.5 m to 21.9 m
- Pump complete in SS 304 & SS 316
- Pump protection in IP 55 motor



PAQOS BOOSTER SERIES

M series Horizontal Multi Stage Pumps 50 Hz

Perfect Solution for Insufficient Water Pressure
in Small & Large Independent Residences, Small Hotels, Boilers & Solar Heaters etc.

M-35 / M-45 / M- 55 WITH 24LTR. VERTICAL TANK



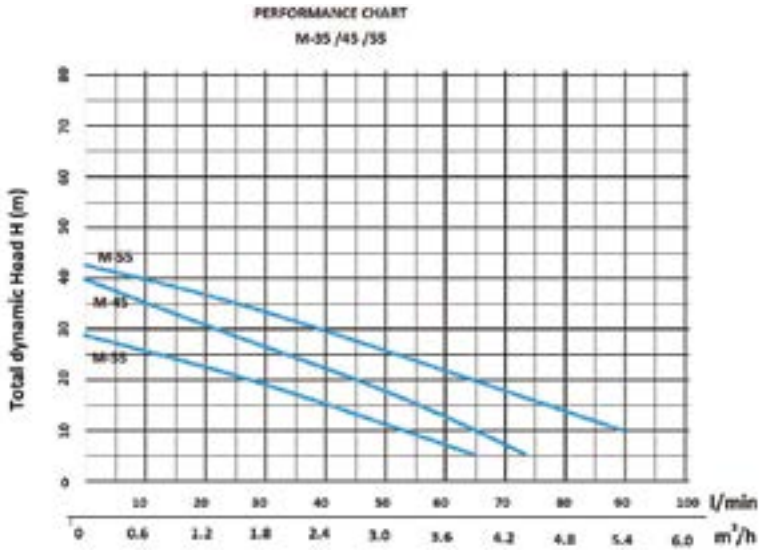
MOC – M-Series

Suction/ Discharge	Cast Iron
Pump Housing	AISI 304 S.S
Impeller	S.S 304
Shaft	AISI 316 S.S
Mech. Seal	Ceramic / Graphite

Essential for Every House
Excellent Water Pressure in Showers, Large Rain Showers, Multifunction Shower Panels, Rain Maker, Water Tiles, Water Body Jets

M-Series – Vertical Vessel Technical

	M-35	M-45	M-55
Q-Max	5.4 M3H	5.4 M3H	5.4 M3H
H-Max	32 mtr	42 mtr	52 mtr
Power	1HP	1.25HP	1.5HP
I.P Rating	55	55	55
Volts	230v/50HZ	230v/50HZ	230v/50HZ
P. Switch	Danfoss	Danfoss	Danfoss
P.Tank	24 Ltr.	24 Ltr.	24Ltr./60Ltr.
Level Sensor	Included	Included	Included



M series Horizontal Multi Stage Pumps 50 Hz

M-55-60LTRS. / M-75-80LTRS. WITH HORIZONTAL TANK

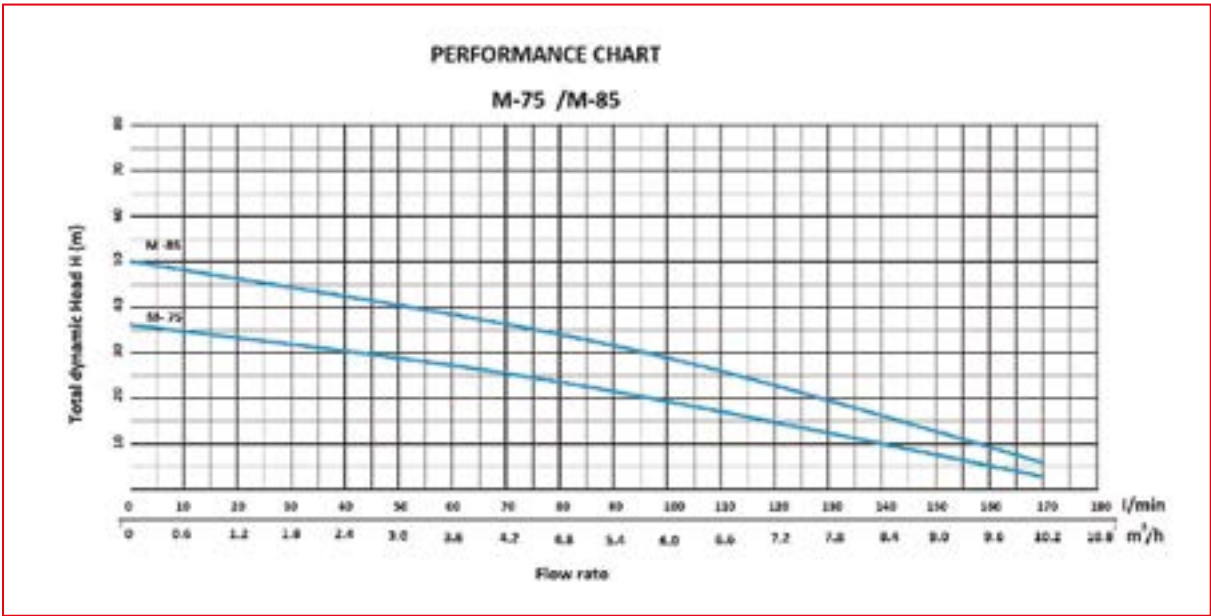


M-Series – Horizontal Vessel Technical

	M-75/ 80	M-85/100
Q-Max	5.4 M3H	10.2 M3H
H-Max	41 mtr.	36 mtr
Power	1.5 HP	1.8 HP
I.P Rating	55	55
Volts	230v/50H2	230v/ 50 H2
P. Switch	Danfoss	Danfoss
P.Tank	60 Ltr.	80 Ltr.

MOC – M-Series

Suction/ Discharge	Cast Iron
Pump Housing	AISI 304 S.S
Impeller	S.S 304
Shaft	AISI 316 S.S
Mech. Seal	Ceramic / Graphite



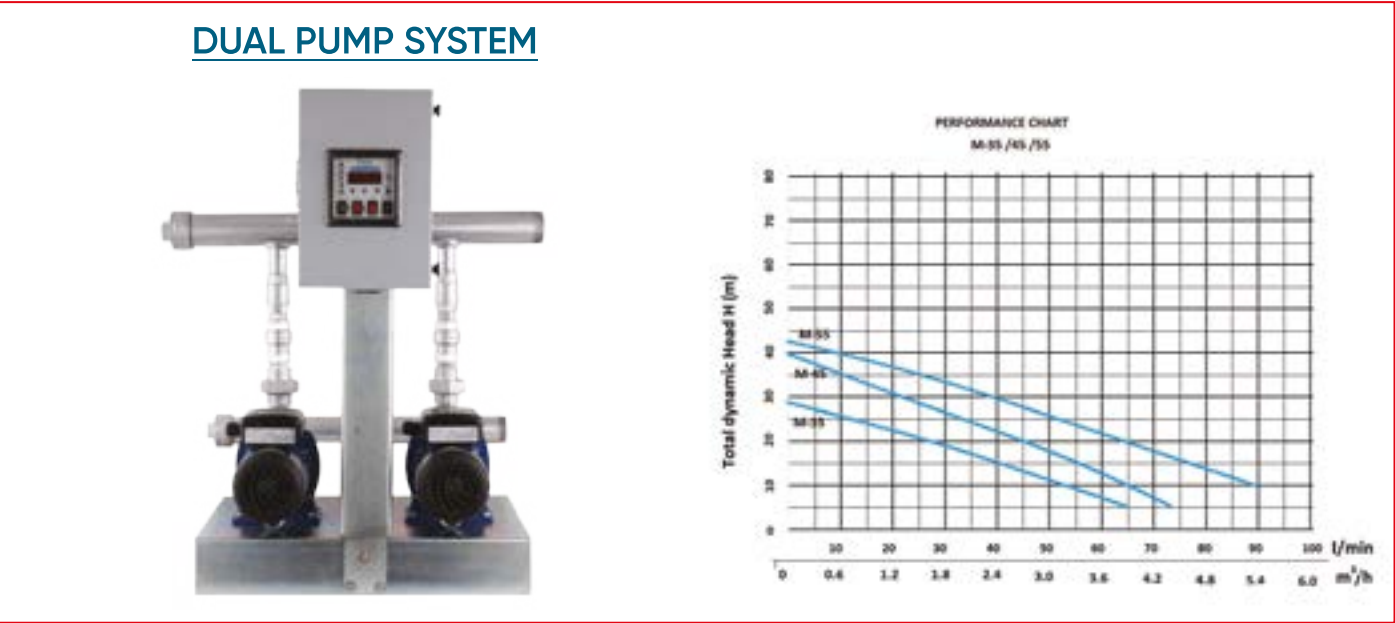
D
series

Pressure Boosting Application
Multi Booster Sets

M-35 DUAL / M-45 DUAL /
M-55 DUAL / M-85 DUAL
WITH 60 LTR. HORIZONTAL TANK

Unmatched Features

- One working, one standby & both working on excessive demand.
- Compact, ready-to-install sets.
- Small footprint.
- Easy installation: 2 hydraulic connections and 1 electric connection.
- Control and protection grouped together in cabinet to ensure full logic control for operation.
- Suction-discharge manifolds can be connected on right or left.
- Silent operation



Dual Booster System							
Model	HP	Q. Max	H.Max	Volts	No. of Pump	P. Tank	P. Switch
M-35 Dual	1 HP	5.4 M3h	32 mtr.	230v/50HZ	2	60 Ltr.	2
M-45 Dual	1.25 HP	5.4 M3h	42 mtr.	230v/50HZ	2	60 Ltr.	2
M-55 Dual	1.5 HP	5.4 M3h	52 mtr.	230v/50HZ	2	60 Ltr.	2
M-75 Dual	1.8 HP	10.2 M3h	36 mtr.	230v/50HZ	2	80 Ltr.	2
M-85 Dual	2.5 HP	10.2 M3h	50 mtr.	230v/50HZ	2	100 Ltr.	2

J
series

Pressure Boostings
Application Single stage (Basic Series)

J-60/ J-80
WITH 24LTR. VERTICAL TANK

Unmatched Features

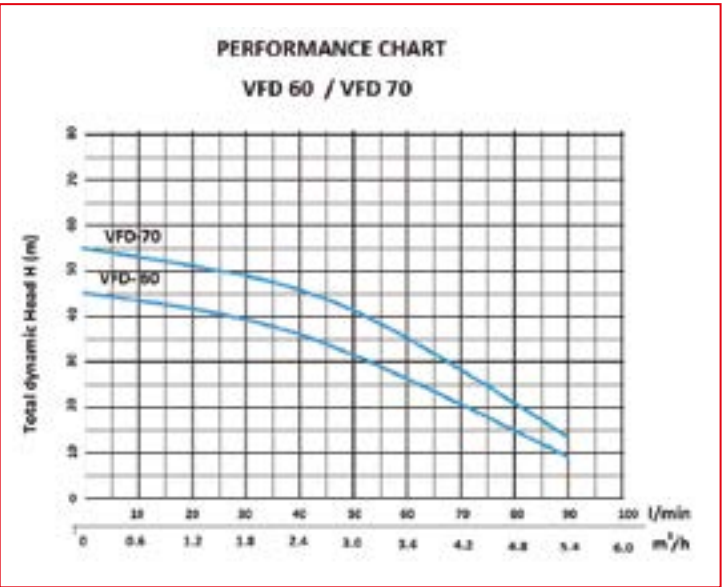
- Fully Automatic.
- 24 Litres Pressure Tank.
- Superior quality & highly reliable corrosion-free Pressure Tanks for longer life and trouble-free operation.
- Pumps with corrosion-resistant BRASS Impeller.
- Built-in Motor Protection.
- Pressure switch with Gauge for Automatic starting and stopping of the pump.
- Comes with Dry Running Protection kit.

J - Series Technical

	J-60	J-80
Q-Max	3 Mtr.	3 Mtr.
H-Max	25 Mtr.	42 Mtr.
Power	.5 HP	.85 HP
I.P Rating	44	44
Volts	230V/50HZ	230V/50HZ
P. Switch	Danfoss	Danfoss
P.Tank	24 Ltr.	24 Ltr.

MOC – J-Series

Body	Cast Iron
Impeller	Brass
Shaft	S.S
Mech Seal	Ceramic



Vseries

Variable Speed Multi
Booster Sets

VED-60LTRS. / VED-70LTRS.
WITH HORIZONTAL TANK

Unmatched Features

- Energy saving and quiet operation, thanks to the constant adjustment of pump
- Performance in respect of the facility's pressure requirement
- Flexible use, reduction of surges and water hammers.
- Booster preset and ready to install
- Easy installation: 2 hydraulic connectors and one electrical connection
- Control and protection grouped in the control box, ensuring full operating automation
- Stainless steel hydraulic unit: anticorrosion safety and longer lifetime

ADVANCED

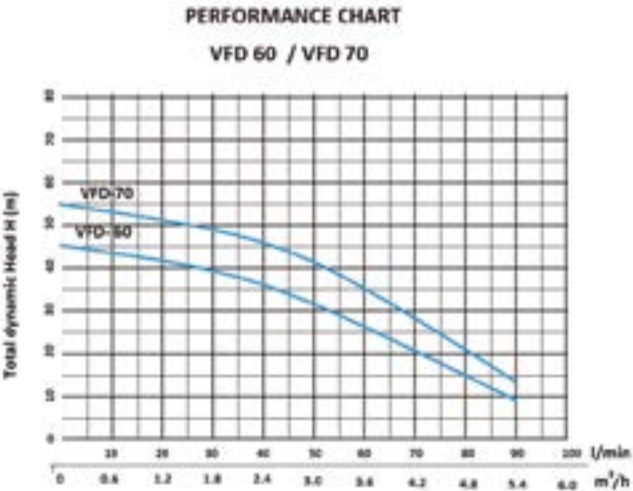


V-Series – Horizontal Vessel Technical

	VED-60	VED-70
Flow Max	5.4 M3/HR	5.4 M3/HR
Volts/Hz	230v/50HZ	230v/ 50HZ
Power	1.25HP	1.5HP
H Max	45	55
Tank Size	2 Ltr.	2 Ltr.
Pressure Trasducer	Danfoss	Danfoss

MOC – M-Series

Body	Cast Iron
Impeller	SS
Housing	SS
Shaft	S.S
Mech Seal	GRAPHITE /SIC

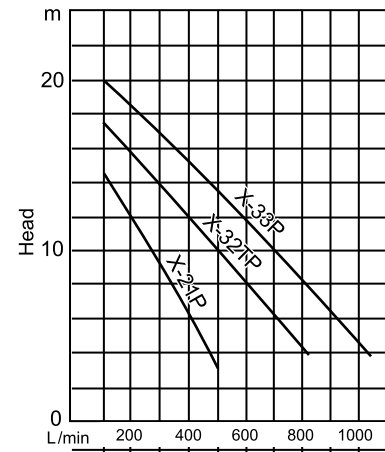


Xseries

Submersible Drainage
& Sewage Pump



Hydraulic Performance



Type	Power HP (KW)	Discharge Inch (mm)	Phase Ø	Start Method	Head m	Capacity LPM	Weight(kg) 10/30	Solid passage mm	Dimension (mm)		
									Length	Width	Height
X-21P	1(0.75)	2"(50)	1	Capacitor	9	200	21 20	23	274	235	274
X-32TP	2(1.5)	3"(80)	3	Direct							
X-33P	3(2.2)	3"(80)	1	Capacitor	15	500	46	32	408	258	610
			3	Direct			42				530
			1	Capacitor	18	600	48	35	408	258	610
			3	Direct			44				530

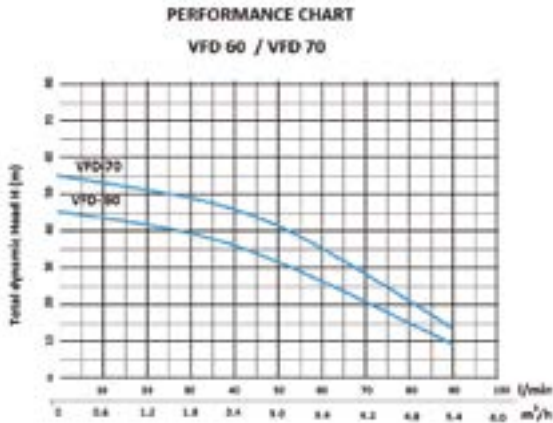
series

Open Well
Application

Unmatched Features

- Built-in Motor Protection.
- Comes with Dry Running Protection kit.
- Easy to Install.
- Designed with high quality carbon thrust bearing.
- Water lubricated motor.
- Rewindable easily

PERFORMANCE TABLE AND CHART FOR OPEN WELL SUBMERSIBLE PUMP										
PUMP MODEL	PIPE SIZE		HEAD IN MTR	6	10	20	20	25	30	
	SUC.	DEL.		FLOW IN LPM						
OWP-01	25 mm	25 mm		140	130	110	75	50	—	
OWP-15	32 mm	25 mm		200	180	170	140	120	80	



Note: _____

Note: _____

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