


PLATINUM
FORCE W
CLEAN WATER @ HIGH PRESSURE

X




PLATINUM
PURE WATER IS LIFE

Life with water as it should be

Premium pressure pumps • Automatic water softener

Do you suffer from low water pressure in your kitchen or bathrooms?

Water finds its own levels, if the distance between your roof top tank is too close to your water outlets, you will have low water pressure.

Does your shower have a weak water flow?

If multiple bathroom pipes are connected to a single master water pipe, opening multiple taps at once will result in weak water pressure.

Is your investment in a jacuzzi impacted by low water pressure?

You have water in your shower but weak water pressure in your jacuzzi... this means that the rated flow of water pressure into your jacuzzi is low.

FORCE WX PRESSURE PUMPS INCREASE WATER PRESSURE FLOW BY JUST BEING ATTACHED TO OVERHEAD WATER PIPES

Intelligent questions on pressure pumps answered

What is the role of pressure pumps?

The **PLATINUM FORCE WX** pressure pump resolves low water pressure, ensuring strong flow for showers and quick container filling. It optimizes water delivery for various outlets, improving overall convenience. This enhancement is especially crucial for activities like showering, where steady water flow is essential for comfort.

How does a pressure pump work?

A pressure pump houses a motorized fan and the blades of the fan/impeller spin around to increase water movement which are powered by an electric motor. All pressure pumps have an inlet and an outlet, and sensing devices, usually a pressure switch or flow control, that helps with maintaining the correct amount of pressure.

What causes low water pressure?

- Gravity – getting dispersed when spread across house with multiple levels fixtures, elbows in the piping and taps which create restrictions.
- Distance from the water source – the further the distance, the lower the pressure due to friction losses in the pipe.
- Size of water pipes – if water pipes are too small, lower volumes of water will run through and more pressure will be lost due to the friction of the water moving through the pipeline.
- Plumbing issues like clogged pipes, faulty tap valves, small pipes, leaks etc. cannot be solved with a pressure pump & need separate attention.

Will a pressure pump help with flow rate and/or enhance pressure?

Flow rate refers to the amount of water running through a hose, pipe or faucet in a certain amount of time. Typically, pressure pumps boost water pressure and can also, improve flow rate thus pushing water at a faster rate and a higher pressure, once released from a pipe or faucet.



A sound investment

- Automated on/off when tap water flow opened – enjoy instant pressure
 - Silent Workings – you or your neighbours won't even know it's on
 - Corrosion free pump & tank – zero rust assured
 - Premium brass Impeller – only high-end material used
 - Seal Ceramic – with advanced chemical bonding agents
- Long life components – minimal human interference with superior technology assurance

	COMPACT-0.5	COMPACT-1	COMPACT-2
USEFUL FOR	1 Bathroom	1-3 Bathroom	1-5 Bathroom
HEAD	30mtr	36mtr	42mtr
FLOW	2800 LPH	3200 LPH	4000 lph
POWER	0.50 HP	1.00 HP	1.50 HP
IP RATING	IP-44 / CI-F	IP-44 / CI-F	IP-44 / CI-F
MOTOR	220V, 50Hz	220V, 50Hz	220V, 50Hz
TANK CAPACITY	18 Ltr & DRP	18 Ltr & DRP	24 Ltr & DRP





A sound investment

- Automated on/off when tap water flow opened – enjoy instant pressure
 - Horizontal Multistage • SS- 304 Pumps
 - Silent Operations • Liquid Temperature - 90°C
 - Flanges- EN GJL 200 CI • Impeller & Diffuser - SS-AISI-304
- Shaft & Pump Sleeve, SS- 304 • M. Seal- Ceramic / Graphite / NBR

	PREMIUM-220A	PREMIUM-340B	PREMIUM-550C
USEFUL FOR	1-3 Bathroom	1-7 Bathroom	1-15 Bathroom
HEAD	30mtr	40 mtr	48mtr
FLOW	3200 LPH	5500 LPH	7200 LPH
POWER	Power - 0.50 HP	1.00 HP	1.50 HP
IP RATING	IP-44 / CI-F	IP-44 / CI-F	IP-44 / CI-F
MOTOR	220V, 50Hz	220V, 50Hz	220V, 50Hz
TANK CAPACITY	24Ltr & DRP	24Ltr & DRP	60Ltr & DRP
		PREMIUM -350B+ With large tank option 60Ltr & DRP	



Hydronumatic dual fail-safe pressure pump system



For people seeking peace of mind, **PLATINUM FORCE WX** dual pump allows one pump to function while the second is on sequential start mode should the first pump fail. Essentially, it's a fail safe back up system that allows a second pump to take over while the first may require repairs or a scan.

Additional benefits

- System consists of 2 pumps
- Panel with voltage & AMP meter, dry tank indications, 2 pressure switches, auto & manual operations switches of pumps
- Dry run & overload protections, suction & delivery activations
- Header fitted on skid
- 1 working + 1 stand by sequential start
- Both pumps function on water consumption increases



PENTAIR

PLATINUM PENTAIR (USA) FILTER & SOFTENER FIBER GLASS VESSELS

HARD WATER CONVERTED TO SOFT WATER



PLATINUM FORCE WX delivers the complete water solutions project with its PENTAIR water softener and sand filter

Remove iron and chemicals from your water:

The only safe and effective way to remove iron from the water is by utilizing an iron filter. A Katolox filtration system is used in PLATINUM PENTAIR for residential & commercial applications for high level filtration, color and odor removal, Iron, Manganese, Hydrogen sulfide removal, efficient reduction of Arsenic, Zinc, Copper, Lead, Radium, Uranium and other radionuclides. 100% composite fiberglass construction offers outstanding performance and durability. They are designed and tested for high pressure flow and last much longer than MS vessels. The system is designed to backwash every three days to flush away all removed contaminants.

SALIENT FEATURES

- Screen displays & soft touch keys for onsite programming
- Clear sight air check for easy brine line trouble shooting & auto refill
- Automatic disconnection from tank without changing resin bed configuration
- Removal of dust, suspended particles & pre-treatment to other filters
- Pipes are of PVC [Poly Vinyl Chloride], Valves of ABS [Acrylic Butyl Styrene]
- Long life corrosion & rust resistant, light weight assured.
- Multiport valve operations controlled by a single lever operation
- Easy to install & doesn't require civil work, does not require painting or maintenance

FOOD GRADE QUALITY TREATMENT



VALVE SPECIFICATIONS

Inlet/outlet:	1inch/1.25 inch
Service:	2 m3/hr.
Backwash:	1.35 m3/hr.
Drain Line:	½ inch
Brine Line:	3/8 inch NPT
Distributor Tube:	1.050 inches
Tank Thread:	2-1/2-inches - 8, Male

SYSTEM SPECIFICATIONS

Turbidity:	< 2 NTU
Pressure:	1.8-3.5 Bar
Temp. Range:	2-40 Deg. C
Chlorine:	Nil
Feed TDS:	2000 pom
Salt:	Approx. 4.5 Kg to 15Kg per reg.
Resin Qty.:	25, 50, 75 and 100 Ltrs.
Vessel sizes: 10x 54 12 x 48 13 x 54 14 x 65 16 X 65	

PLATINUM GROUP

INDIA'S SECOND
LARGEST
MANUFACTURER OF
STAINLESS STEEL
WATER TANKS



PERFECT FOR:

Residences • Commercial complexes • Hotels • Hospitals • Educational Institutions

PLATINUM STEELS LLP

A-40/2/2 Site 4 SAHIBABAD INDUSTRIAL AREA

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