HITACHI
Inspire the Next

UPGRADE FOR LIFE

With the latest advanced technology and the trust that comes with a 100-year reputation for reliability, Hitachi home appliances are the ultimate choice for every room, in every home.

Featuring smart human-friendly designs, advanced eco-conscious technologies and quality materials, Hitachi home appliances accentuate your everyday life. Upgrade for life.

O1216

ISO 9001 ISO 14001 RoHS COMPLIANT

Have you registered your warranty online?

◎ Colour tone of actual products may differ from those shown in this catalogue.

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Water Pump

HITACHI
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UPGRADE FOR LIFE

eco CHOICE

Constant Water Pressure

Hitachi Automatic Water Pumps

Powerful Water Supply for the Comfortable Usage

The pumps ensure high water pressure and guarantee satisfaction with superior pumping power, durability, quiet operation and environmental friendliness.

Durable and High Powered Motor

Hitachi's motors are designed for long service life and powerful pumping.
They are manufactured under the strict quality controls.

Japanese Standard Quality

Having 96 years of water pump manufacturing experience, these exceptional pumps are designed to deliver high performance and reliability.

Environment-Friendly Design

Every units are certified with the stringent RoHS standard, as well as ISO 9001 for factory quality management, and ISO 14001 for environmental management.

Quiet, Non-Disturbing Operation

The inverter system and the DC/IPM motor are technologically advanced and allow for quiet operation.

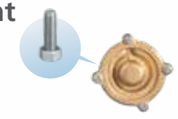
Reliable, Long-Lasting Safety

Especially designed for durability, longer service life and safety

Reliable, Advanced Motor

Hitachi's motors are widely regarded for their high performance and long-lasting durability.

Rust-Resistant Bolts



The stainless bolts are rust-resistant and contribute to ease of maintenance throughout the pump's service life.

Thermal Relay

The thermal relay is an important mechanism inside Hitachi motors. It automatically disengages the motor when the temperature rises above the preset level and re-engages the motor when it is safe to do so.

Rust-Resistant Check Valves

Copper alloy check valves installed in water pumps are machined from a special alloy so you can rest assured that they will be rust-resistant and contribute to the overall durability of your water pump.

Water Temp Relay

The water temp relay temporarily pauses operation when it becomes too hot. This prevents deformation of parts due to overheating.

Ventilation Fan

Hitachi's specially designed vent fan works wonders in ventilating heat to ensure more effective operation and thereby prolong the motor's life.

Heat-Resistant Rubber Seals

Seals are made of heat-resistant materials. They are less likely to fracture so you will not be troubled by water leakage.

Specially Designed Pump Head

The single-piece, seamless, molded pump head made from special plastic and first-grade materials frees you from worries of rust and leakage while giving you superior water output.

Specially Designed Pump Cover

The pump cover has been newly designed to comply with the stringent IEC safety standard. The cover fits snugly on the body, enhancing safety during operation.
A heat ventilation duct at the back also helps the unit to work more effectively.

5 Types to Choose From

Page 3-4

Compact Type

for Shallow Wells

Providing constant water pressure.

Page 5

Turbine Type

for Shallow Wells

Big capacity, quiet automatic turbine pump for more comfortable life in urban areas.

Page 6

Non-Automatic

N-Series

Xxxx xxxxxxx xxxxxx

Page 7

Tank Type

for Shallow Wells

Automatic operation for greater convenience.

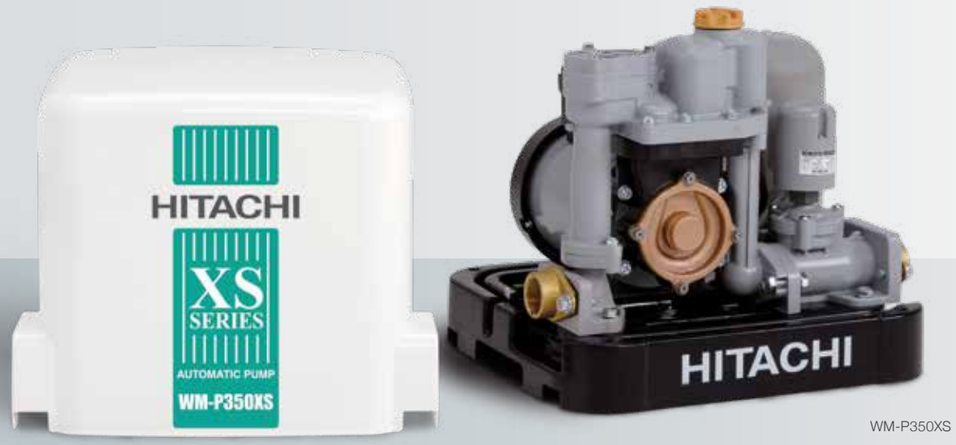
Page 8

Tank Type

for Deep Wells

Ideal for deep well suction.

Compact Type
for Shallow Wells



WM-P350XS

No More Pressure Worries with This Compact, High-Performance Pump

Constant Water Pressure

Life-Extending Pressure-Stabilized Unit

This unit controls the flow of water to maximize pressure switch life and the pump's service life, ensuring continuously stable water pressure. The result is that you will no longer be troubled by irregular or intermittent water supply.

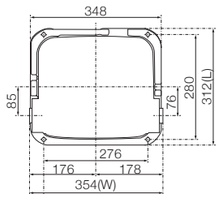
Bladder Tank

It is lined with a diaphragm of rubber sheets and filled with nitrogen. These advanced Hitachi technologies ensure stable water pressure and convenience since there is no need to refill the gas or worry about rust throughout the tank's service life.

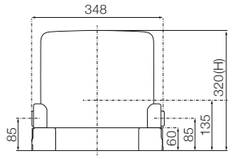
WM-P350XS 350W
WM-P300XS 300W
WM-P250XS 250W
WM-P200XS 200W
WM-P150XS 150W

Dimensions (mm)

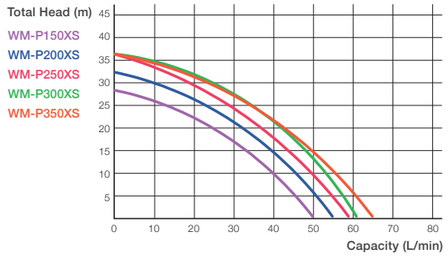
[Top]



[Front]

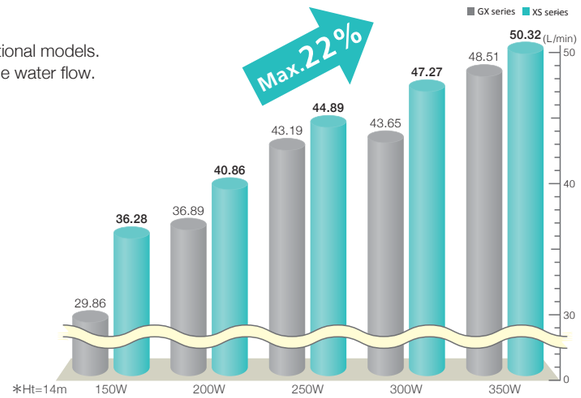


Performance Chart



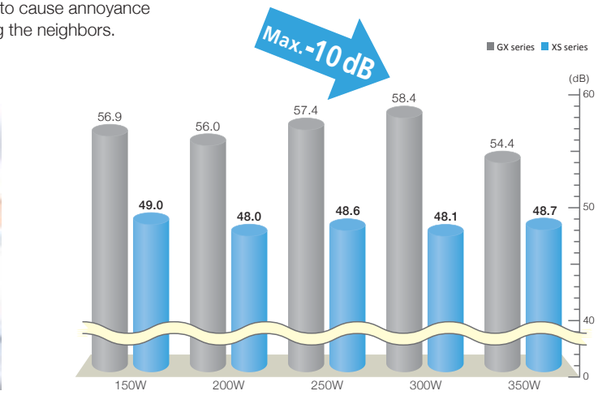
Big Water Capacity
Increased by up to max. 22%

Pumping discharge is increased up to 22% compared with conventional models.
Even if your place has many water taps, you can always enjoy ample water flow.



Quiet Operation
Reduced by up to max. 10dB

New XS series achieved both powerful water flow and quiet operation by reducing the metallic sound when the pump is in operation.
Even the areas where the houses are close together, it's unlikely to cause annoyance and you can enjoy a late-night shower without worry of disturbing the neighbors.



Compact Design

Thanks to the bladder tank and the pressure-stabilized unit, the water pump comes in a compact size.
This small size makes installlation more convenient and less space consuming.

Reliable, Long-Lasting Safety

Reliable, Advanced Motor

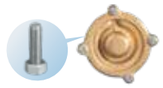
Thermal Relay

Ventilation Fan

Water Temp Relay

Rust-Resistant Check Valves

Rust-Resistant Bolts



*More details on P1-2

Turbine Type
for Shallow Wells

TM-60L

Quiet and Big Capacity Operation for Homes in Urban Areas

Automatic Turbine

Quiet 49dB Operation
Thanks to this quiet operation, it's unlikely to cause annoyance even in urban areas where houses are close together.

Big 60L/min Water Capacity
Enables simultaneous use of up to seven water outlets.

Sand & Rust Resistance
The wide blades of turbine pumps provide resistance to foreign objects (dust/sand/rust from pipes).

Compact Design
Thanks to the bladder tank and the pressure-stabilized unit.
Its small size makes installation more convenient and less space consuming.

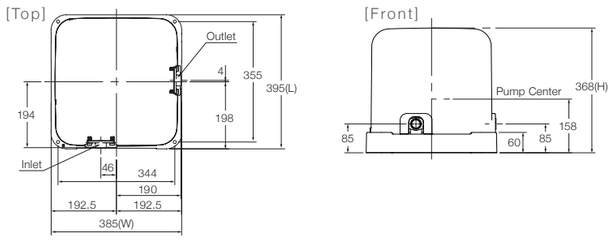
Constant Water Pressure

Life-Extending Pressure-Stabilized Unit
This unit controls the flow of water for longer switch and pump's service life. You will no longer be troubled by irregular or intermittent water supply.

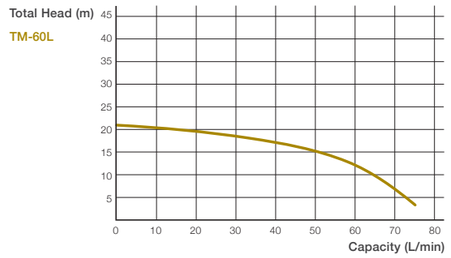
Bladder Tank
Ensures stable water pressure and convenience without refilling the gas or rust.

TM-60L 150W

Dimensions (mm)



Performance Chart



Stainless Steel Tank Type
for Shallow Wells

W-P200NH/W-P150NH

- **Big Capacity & Powerful Pumping**
- **Anticorrosion Pump Head**
- **RoHS Compliant**
- **Double Thermal Protector**

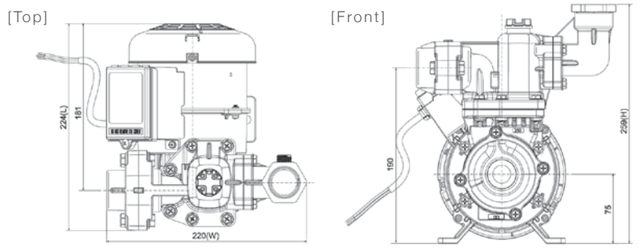
Reliable Safety

Thermal Relay
Automatically disengages the motor when the temperature rises and re-engage the motor when it is safe.

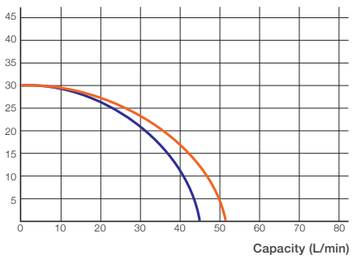
Water Temp Relay
For preventing from deformation of parts due to overheating.

WT-P150NH 150W WT-P200NH 200W

Dimensions (mm)



Performance Chart



Tank Type
for Shallow Wells

WT-P300XS
WT-P250XS
WT-P200XS

WT-P150XS
WT-P100XS

WT-P400XS
WT-P350XS

Automatic Operation for More Convenience when Pumping Shallow Wells

Stable Water Pressure

Automatic Air Intake
This works in unison with water tap operation to ensure stable pressure. It's rust-resistant and can be removed for cleaning.

Durable Water Pressure Tank
The welded tank provides more resistance to pressure and water leakage. Also, the tank is made of especially thick steel and coated with triple layers of anti-rust agents, and is a metallic color for extra sun resistance.

Installation Flexibility

Three Choices of Water Outlets
There are three choices of water outlets on the pressure tank to give you more flexibility when connecting to the water pipe.

Reliable Safety

Water Temp Relay
It temporarily pauses operation when it becomes too hot to prevent deformation of parts.

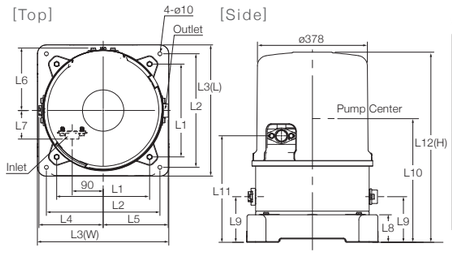
WT-P400XS 400W
WT-P350XS 350W

WT-P300XS 300W
WT-P250XS 250W

WT-P200XS 200W
WT-P150XS 150W

WT-P100XS 100W

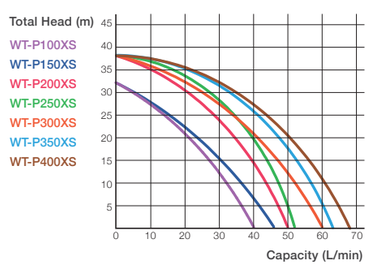
Dimensions (mm)



Size of Water Pumps (mm)

MODEL	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12
WT-P100XS	270	330	384	187	189	182	83	80	132	359	310	553
WT-P150XS	270	330	384	187	189	182	83	80	132	359	310	553
WT-P200XS	270	330	384	187	189	182	108	80	148	434	385	629
WT-P250XS	270	330	384	187	189	182	108	80	148	434	385	629
WT-P300XS	270	330	384	187	189	182	108	80	148	434	385	629
WT-P350XS	310	382	450	216	225	211	142	65	142	425	387	701
WT-P400XS	310	382	450	216	225	211	142	65	142	425	387	701

Performance Chart



Tank Type
for Deep Wells

DT-P300GX

Powerful Pumping
for Deep Water Sources

DT-P300GX(PJ)
Parallel Jet System
for depth between 18-30m

*Suitable for wells with diameter more than 100mm.

Automatic Operation for More Convenience when Pumping Deep Wells

Powerful Pumping for Deep and Narrow Wells

Automatic Switch
An automatic switch engages and disengages the pump in unison with water tap operation.

Suitable for Narrow Wells up to 30m Deep and 50mm in Diameter
As well as being ideal for wells as deep as 30m, the durable jet system is designed to suit narrow wells. Parallel Jet System for 18-30m and Single Jet System for 12-18m deep wells.

Durability

Special Thick Steel Tank
The tank is made of thick steel and coated with triple layers of anti-rust agents for durability, and is a metallic colour for extra sun resistance.

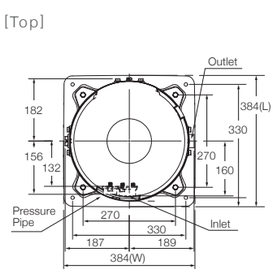
Rust-Resistant & Highly Durable Parts
Both the fan and valves are made of high-quality resin for durability and rust-resistance.

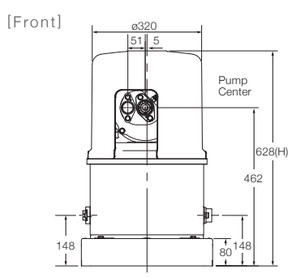
Reliable Safety

The Built-in Thermal Relay
A thermal relay inside the motor prevents deformation of parts due to overheating.

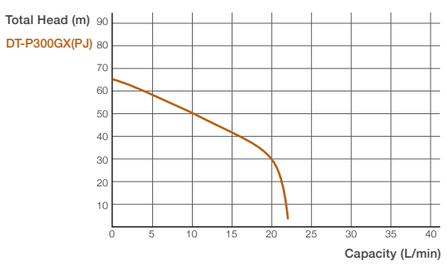
DT-P300GX(PJ) 300W

Dimensions (mm)





Performance Chart



Installation Cautions

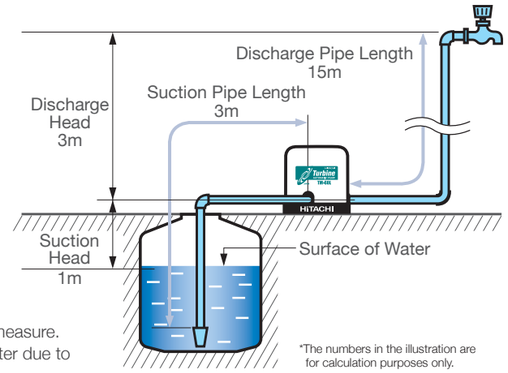
1 Total Suction Head
Suction Head + (Suction Pipe Length × 0.1*1)
Calculation for the figure on the right：1m + (3m × 0.1) =1.3m

2 Total Discharge Head
Discharge Head + (Discharge Pipe Length × 0.1*1)
Calculation for the figure on the right：3m + (15m × 0.1) = 4.5m
*1 Pipe Resistance

3 Total Head
Total Suction Head + Total Discharge Head
Calculation for the figure on the right：1.3m + 4.5m = 5.8m

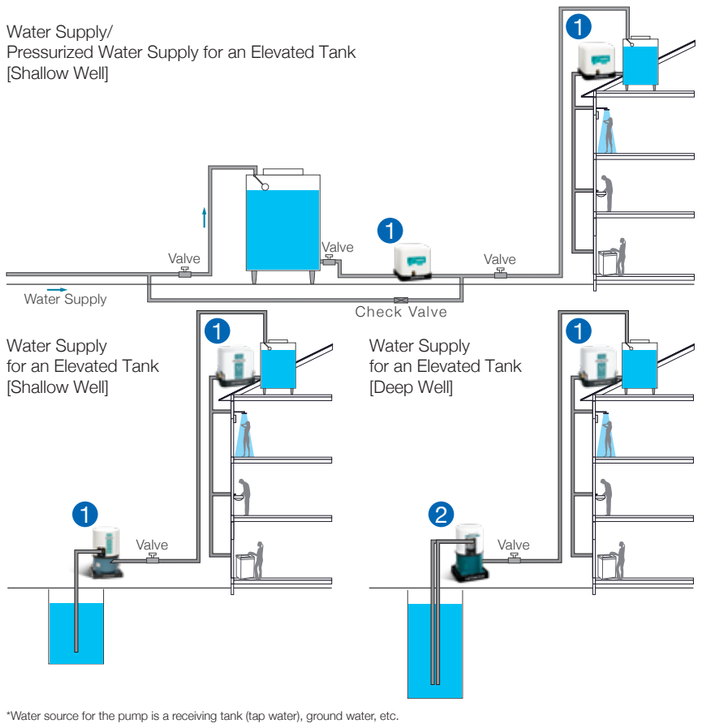
4 Capacity
Take the number of taps being used simultaneously × 8L as a rough measure.
(Refer to the performance chart to verify changes in the amount of water due to differences in Total Head.)

5 Elevation Difference
If water is pumped from a location higher than the pump, please make sure the distance from the top of the tank to the pump's inlet is 2m*2 or less.
※The maximum elevation difference when the tank is higher than the pump.
*2 4m or less for the TM-60L.



*The numbers in the illustration are for calculation purposes only.

Hitachi Water Pump Installation Diagram



*Water source for the pump is a receiving tank (tap water), ground water, etc.

Suitable Pump for 1

- Turbine Type
  (The New Urban Pump) Page 5
- Compact Type
  (Constant Pressure) Page 3-4
- Tank Type
  (For Shallow Well) Page 7

Suitable Pump for 2

- Tank Type
  (For Deep Well) Page 8

SPECIFICATIONS

Shallow Well

Series		Compact Type					Turbine Type
Model		WM-P350XS	WM-P300XS	WM-P250XS	WM-P200XS	WM-P150XS	TM-60L
Motor Watt (W)		350	300	250	200	150	150
Total Suction Head* (m)		8	8	8	8	8	3
Total Discharge Head (m)		18	18	18	14	13	12
Capacity (L/min)		53 (Max.65)	51 (Max.61)	47 (Max.59)	43 (Max.55)	37 (Max.50)	60 (Max.75)
Pressure Switch (kg/cm²)	On	2.0	2.0	2.0	1.6	1.4	1.3
	Off	2.6	2.6	2.6	2.2	1.8	1.7
Suction Pipe (mm)		25 (1")	25 (1")	25 (1")	25 (1")	25 (1")	20 (3/4")
Noise Level (dB)		49	48	49	48	49	49
Discharge Pipe (mm)		25 (1")	25 (1")	25 (1")	25 (1")	25 (1")	20 (3/4")
Taps Used Simultaneously** (Average)		6-7	6	5-6	5	4-5	7
Elevation Difference (m)		2	2	2	2	2	4
Dimensions (W×L×H, mm)		354×312×320	354×312×320	354×312×320	354×312×320	354×312×320	385×395×368
Weight (Net/Gross, kg)		14/15	13/14	13/14	13/14	13/14	14/15

Shallow Well

Series		Tank Type				
Model		WT-P300XS	WT-P250XS	WT-P200XS	WT-P150XS	WT-P100XS
Motor Watt (W)		300	250	200	150	100
Total Suction Head* (m)		8	8	8	8	8
Total Discharge Head (m)		20	20	20	14	14
Capacity (L/min)		50 (Max.60)	46 (Max.52)	42 (Max.50)	34 (Max.46)	30 (Max.40)
Pressure Switch (kg/cm²)	On	2.2	2.2	2.2	1.6	1.6
	Off	2.8	2.8	2.8	2.2	2.2
Suction Pipe (mm)		25 (1")	25 (1")	25 (1")	25 (1")	20 (3/4")
Noise Level (dB)		52	52	52	50	51
Discharge Pipe (mm)		25 (1")	25 (1")	25 (1")	25 (1")	20 (3/4")
Taps Used Simultaneously** (Average)		6	5-6	5	4	3-4
Elevation Difference (m)		2	2	2	2	2
Dimensions (W×L×H, mm)		384×384×629	384×384×629	384×384×629	384×384×553	384×384×553
Weight (Net/Gross, kg)		19/21	19/21	19/21	15/17	15/17

Deep Well

Series		Tank Type		
Model		DT-P300GX (PJ)		
Motor Watt (W)		300		
Total Suction Head* (m)		18	24	30
Total Discharge Head (m)		12		
Capacity (L/min)		20	16	9
Pressure Switch (kg/cm²)	On	1.4		
	Off	1.8		
Suction Pipe (mm)		35 (1 1/4")		
Noise Level (dB)		-		
Discharge Pipe (mm)		25 (1")		
Taps Used Simultaneously** (Average)		For deep well suction storage used		
Elevation Difference (m)		-		
Dimensions (W×L×H, mm)		384×384×628		
Weight (Net/Gross, kg)		31/36		

Series	Non-Automatic	
Model	W-P200NH	W-P150NH
Motor Watt (W)	200	150
Total Suction Head* (m)	9	9
Minimum Total Head *min (m)	30	30
Capacity Max. (L/min)	52	45
Suction Pipe (mm)	25 (1")	25 (1")
Discharge Pipe (mm)	25 (1")	25 (1")
Dimensions (W×L×H, mm)	220x224x259	220x224x259
Weight (Net/Gross, kg)	5.0/6.0	5.0/6.0

*Measured at 12m.
**Based on the same usage conditions and time. Normal water flow is 8L per minute per tap and this depends on usage condition.