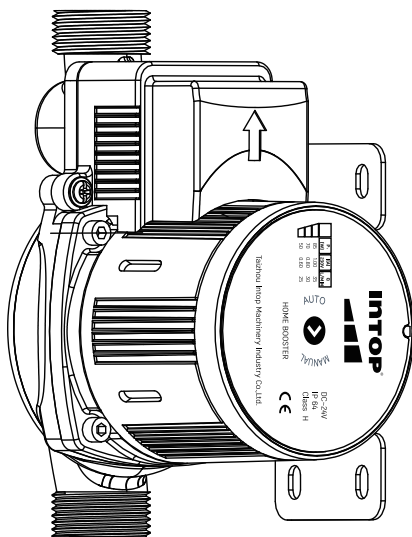


HOUSEHOLD BOOSTER PUMP

Thank you for choosing our products.
Before using the pump, carefully read the instruction manual.
Save this manual for future reference.



Model:

PBS SERIES

ATTENTION!



Before starting operation, make sure that the pump is properly grounded. Don't touch to a running pump. Do not operate the pump without water.

1. GENERAL INSTRUCTIONS

Thank you very much for choosing INTOP's products. Hope our products can bring you a good experience.

This product has a built-in water flow switch, the water flow in the water pipe needs to reach more than 1.2 l/min, the water pump will automatically start when the faucet is opened, and the water pump will automatically stop when the faucet is closed. If the water flow in the water pipe is too low and does not meet the starting flow requirements, it cannot be started normally, and the manual function can be used.

Note: After using the manual booster, the manual switch must be turned off to return to the automatic mode

As the product improves, product performance and functionality are subject to change without notice.



WARNING

This product uses 24VDC2.5-5A direct current. Before use, you must confirm that the adapter is correct. Do not use other specifications of power adapters, otherwise the pump will burn out or fail to operate normally.

This product has no self-priming function. After installation, make sure that there is no air in the pipeline, otherwise it will not work normally or there will be noise during operation, and it will cause wear and tear on parts.

This product is lubricated by water, and it should not run for more than 10 seconds without water, and the shaft should be kept in a horizontal state.



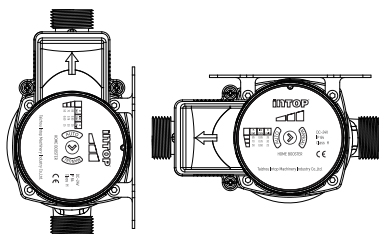
WARNING

This product cannot be used as a submersible pump, and it is forbidden to put it in water to avoid damage to the machine

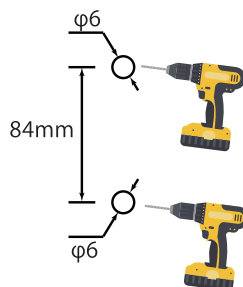
2. Conditions of Use

1. Power supply: 24VDC-4A power adapter
2. Ambient temperature: 0-40°C
3. Medium temperature: 0-65°C
4. Medium: water

3. PUMP INSTALLATION INSTRUCTIONS

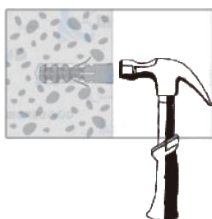


Axis must be horizontal



step 1:

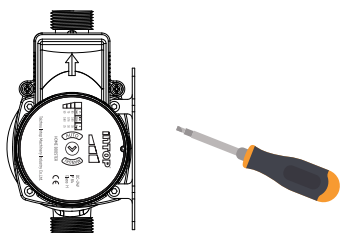
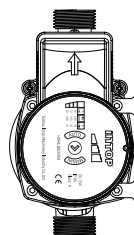
In a suitable position, use an electric drill to drill two holes with a distance of 84mm and a diameter of 6mm



Step 2: Use a hammer to drive the expanded plastic into the drilled hole

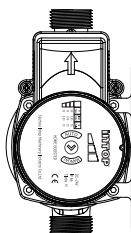
Step 3:

Connect the water inlet and outlet pipes, pay attention to the direction of water flow



Step 4:

Fix the water pump to the wall with a screwdriver



Step 5:

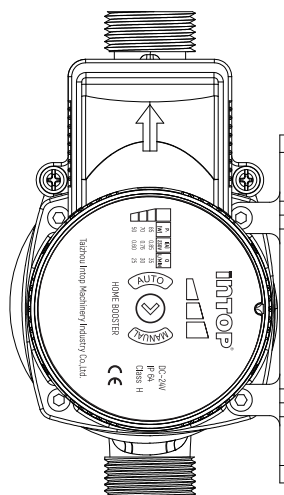
Plug in the power adapter, turn on the tap, the pump starts automatically; turn off the tap, the pump stops automatically

4. INSTALLATION DIAGRAM

Installation package:

1. Water heater: installed at the cold water inlet of the water heater;
2. Solar energy: installed at the solar hot water outlet;
3. Water pipe: main water pipe and water distribution pipe can be used

5. FUNCTION DESCRIPTION



⏏ Settings Button

Button function:

Press and hold the button for a short time to switch gears, both working state and standby state can be switched;

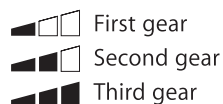
Under normal use, the automatic indicator light is on, and when the automatic mode is invalid, press and hold the button for 3 seconds to enter the forced manual mode, the manual indicator light is on, and it will automatically switch to the automatic mode after 30 minutes.

▢ Gear Indicator

Gear display:

Steady on: standby state;

Blinking: working state.



⏏ Manual Mode Indicator

Manual mode: used for the initial test run of the water pump and fault detection.

⏏ Auto Mode Indicator

Automatic mode: The start and stop of the water pump are controlled by the water flow switch, the water pump starts automatically when the faucet is turned on, and the water pump stops automatically when the faucet is closed.

6. PACKING LIST

Water pump, Power Adapter, Self-tapping screws, Manual

7. FAILURE AND MEASURES

Fault	Reason	Measure
Pump does not run	<div>1. The power adapter is not plugged in properly</div> <div>2. Impeller card machine</div> <div>3. Automatic switch failure</div> <div>4. Controller failure</div> <div>5. DC plug short circuit protection</div>	<div>1. Replug the power adapter to ensure good contact</div> <div>2. Disassemble the pump cavity and clean the inside</div> <div>3. Cleaning the water flow switch</div> <div>4. Replace the controller</div> <div>5. Check the water at the plug and clean it up</div>
Insufficient traffic	<div>1. The water inlet pipe is too thin</div> <div>2. The pipeline is too long or there are too many elbows</div> <div>3. There are impurities in the pipeline or pump</div> <div>4. Impeller damage</div>	<div>1. Select bellows</div> <div>2. Shorten the pipeline and reduce the elbow</div> <div>3. Clean the internal impurities</div> <div>4. Replace the impeller</div>
Vibration and noise	<div>1. There is foreign body friction in the pump</div> <div>2. There is air in the pipeline</div> <div>3. Internal parts damaged</div>	<div>1. Clean the internal foreign matter</div> <div>2. Exhaust air</div> <div>3. Replacement parts</div>



Power must be turned off before servicing

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