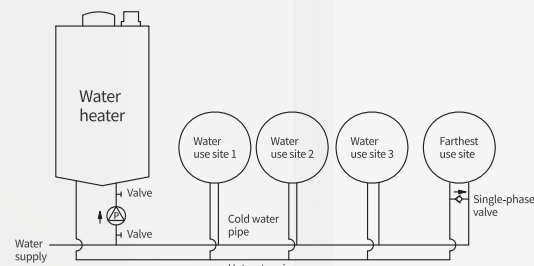


Application

- Instant hot water circulation pump is mainly used for water circulation or pressurization in domestic hot water systems. The front of the product has an operation panel for easy operation.

Application Scenarios

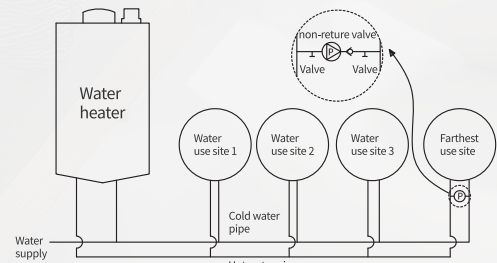
- Usage Scenario 1 (There is no water return pipe in waterways, no power supply at the furthest water point, and the pump has circulation and pressurization functions).



Usage Scenario 1

- Note: Valves should be installed on both sides of the pump for convenient maintenance.

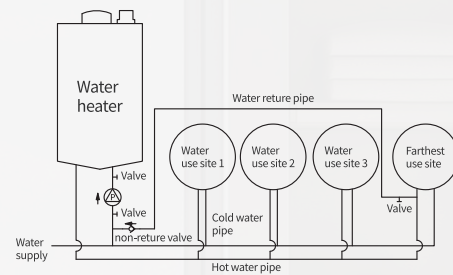
- Usage Scenario 2 (There is no water return pipe in water ways, the furthest water point has power supply. The pump has circulation function).



Usage Scenario 2

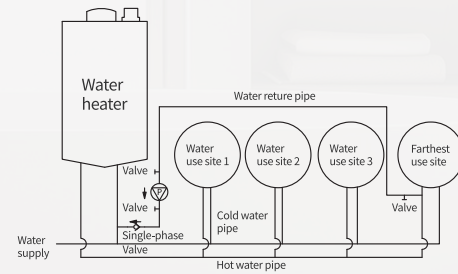
- Note: Valves should be installed on both sides of the pump for convenient maintenance.

- Usage Scenario 3 (Water channel with return pipeline, pump with circulation and pressurization function).



Usage Scenario 3

- Usage Scenario 4 (Water channels have return pipeline, and the pump has the function of circulation.)



Usage Scenario 4

- Note: Valves should be installed on both sides of the pump for convenient maintenance.

MADE TO LAST FOR YEARS

Instant Hot Water Pump

Wholly-owned subsidiary of a listed company

Since 1956

5M+ annual production capacity

Export to 100+ countries and regions



ANHUI SHINHOO CANNED MOTOR PUMP CO.,LTD.

SHINHOO EUROPE S.R.L.

Add: via Francesco Hayez, 4 30174, Venezia (VE)
Tel: 0039 0412993201-6003
Email: info@shinhoodump.com

Web: <https://www.shinhoodump.it>

Benefits

- Easy installation & simple operation
- One-button start, easy to use
- Multiple working modes available
- Adjustable temperature & time
- Ultra quiet stable operation
- Low power consumption, energy saving

Technical Parameter

| | Instant15-12E | Instant 25-20E |
|-------------------|-------------------------|----------------------|
| Maximum flow | > 1.4 m ³ /h | 5.5m ³ /h |
| Maximum head | 12 m | 20m |
| Maximum power | 60W | 200W |
| Rated flow | 0.6 m ³ /h | 3m ³ /h |
| Rated head | 8m | 11m |
| Temperature class | TF80 | TF95 |
| Power | 220-240V AC | |
| Noise | <42dB (A) | |
| Max. pressure | 10bar | |
| Protection level | IPX4 | |
| Insulation class | H | |

Working conditions (keep the shaft level)

| | |
|---|---|
| Medium: clear water | Medium temperature: 2°C~95°C(Instant 25-20E) 4°C~80°C(Instant15-12E) |
| Ambient temperature: 0°C~55°C(Instant 25-20E) 0°C~40°C (Instant15-12E) | Inlet pressure: 0.05bar(Instant 25-20E) 0.1bar (Instant15-12E) |
| Medium hardness: ≤25 °dH | Relative humidity: Max. 95% |

Operating mode

Instant 15-12E

| Settings | Instructions |
|-----------------|---|
| One-click start | Water flow trigger: turn off the tap after 1-2 seconds, the pump starts to run. when the pumpstoped, turn on the tap, there will be hot water. After touching the "Start" button, the pump starts to run. When the water temperature reaches the set temperature upper limit or there is no flow in the pipeline, the pump stops running. |
| Timing mode | Any 3 time periods within 24 hours can be set arbitrarily, and the water temperature canbe detected regularly to keep the water temperature reaching the target temperat. |
| All-day mode | Any 3 time periods within 24 hours can be set arbitrarily, and the water temperature canbe detected regularly to keep the water temperature reaching. |
| Booster mode | When the temperature is set at 00-00 degree, the pump is in booster mode, which issuitable for low water pressure in summer. |

Instant 25-20E

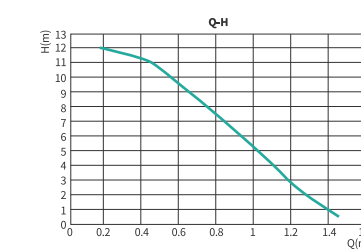
Before operating the pump, ensure the system is filled with liquid and the power is connected properly. (Parameters such as default temperature and time are added.)

| Settings | Instructions |
|------------------|--|
| One-click start | The pump is activated by pressing the button "START" and will stop if the temperature exceeds the set limit or if there is no flow in the pipeline. The mode is suitable for situations where hot water is needed for a short duration or when other modes are not applicable. |
| Timer mode | The pump runs when the internal water temperature falls below the minimum set point, and stops when the temperature reaches the maximum set point or when there is no flow in the pipeline. This mode is suitable for periods of stable water consumption. |
| All-day mode | The pump runs for 24 hours. The mode is suitable for applications requiring 24-hour pressure boosting or circulation. |
| Faucet start | The pump runs as soon as the faucet opens and stops when the faucet is closed, the water temperature reaches the maximum set point, or there is no flow in the pipeline. |
| Time calibration | Before operation, please set the pump timer according to the actual time to prevent time discrepancies when using the timer mode. |

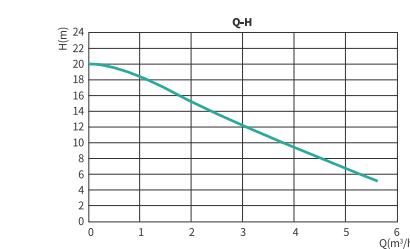
| Settings | Instructions |
|---------------------|---|
| Temperature setting | The minimum set temperature should be higher than both the current water temperature and the ambient temperature to prevent the pump from deactivating when the water temperature in the pipeline drops. The maximum set temperature should be lower than the current heat source temperature by 2 to 3°C to prevent the pump from running indefinitely if the pipeline temperature remains below the set point for an extended period. |
| Time setting | The pump timer operates on a 24-hour clock and allows a maximum of 3 time periods. Unused periods can be set to 0000-0000. |

Performance curve

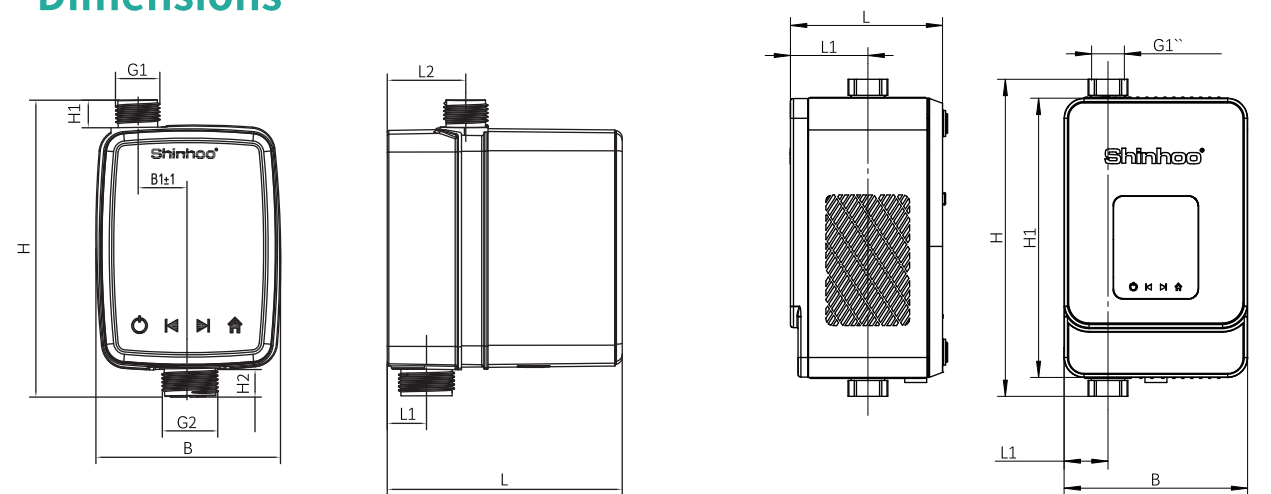
Instant 15-12E



Instant 25-20E



Dimensions



| Pump model | Size(mm) | | | | | | | | | | |
|----------------|----------|------|----|-----|-----|----|-----|----|------|------|--|
| | L | L1 | L2 | H | H1 | H2 | B | B1 | G1 | G2 | |
| Instant 15-12E | 110 | 18.5 | 37 | 140 | 13 | 13 | 87 | 23 | 1/2" | 3/4" | |
| Instant 25-20E | 153 | 77.7 | / | 318 | 280 | / | 184 | / | 1/2" | / | |