



## Home booster circulation pump

---

Made in China



Catalogue





SP 1



SP 2-270



SP 2-300



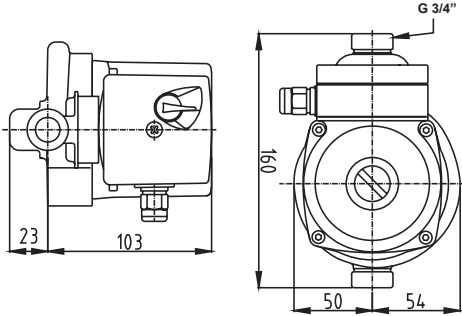
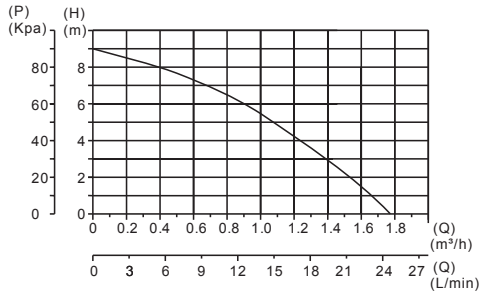
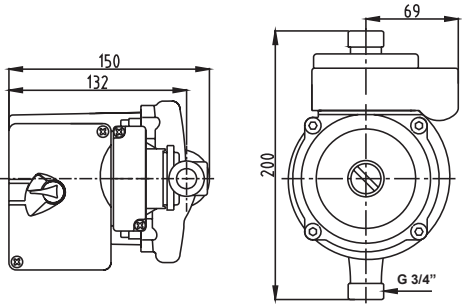
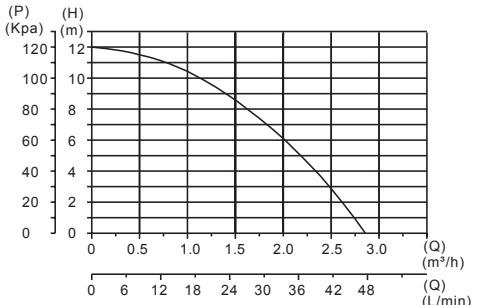
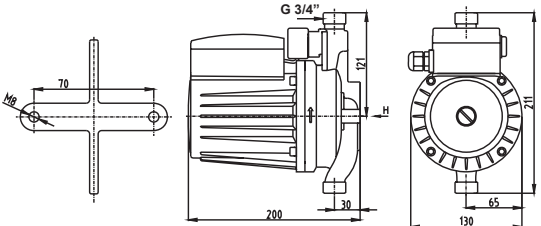
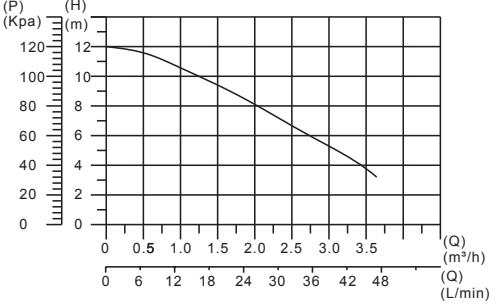
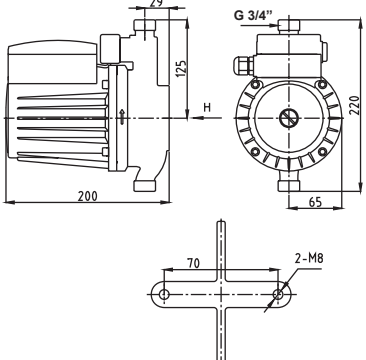
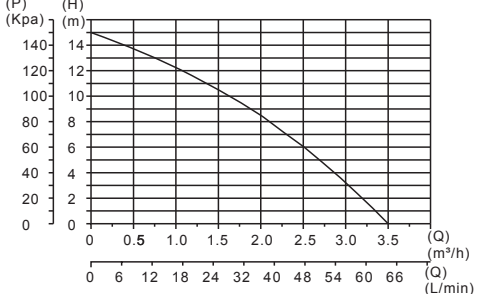
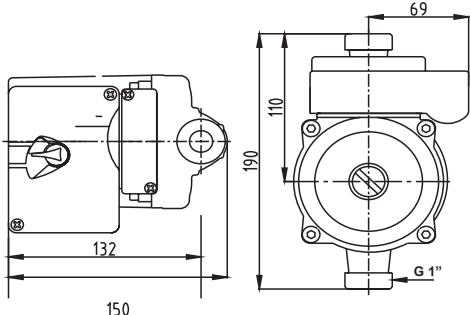
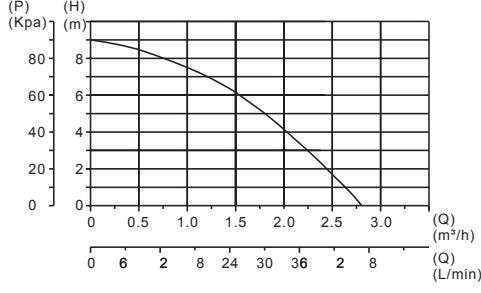
SP 3



SP 4

## Technical data

Model	Rated head (m <sup>3</sup> /h)	Rated head (m)	Power (W)	Current (A)	Voltage (V)	Frequency (Hz)	Import and Export drive (mm)	Weight (Kg)	Union Joint	Fluid temp. (°C)	Material
SP 1	0.5	7.5	120	0.5	230	50	15	2.5	¾" - ½"	+2 ~ +60	Cast Iron
SP 1B	0.5	7.5	120	0.5	230	50	15	2.5	¾" - ½"	+2 ~ +60	Copper
SP 1N	0.5	7.5	120	0.5	230	50	15	2.4	¾" - ½"	+2 ~ +60	Stainless steel
SP 2-270	1.2	10	270	1.2	230	50	15	2.5	¾" - ½"	+2 ~ +60	Cast Iron
SP 2-300	1.25	10	300	1.3	230	50	15	6.3	¾" - ½"	+2 ~ +60	Cast Iron
SP 3	1.2	12	320	1.4	230	50	15	6.3	¾" - ½"	+2 ~ +60	Cast Iron
SP 4	1.5	6.5	200	0.8	230	50	20	3	¾" - ½"	+2 ~ +60	Cast Iron

SP 1		
SP 2-270		
SP 2-300		
SP 3		
SP 4		

## Installation

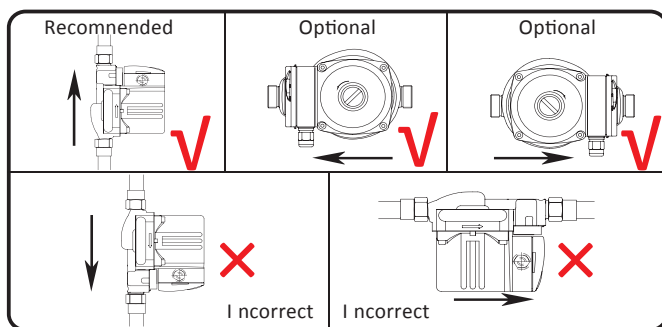
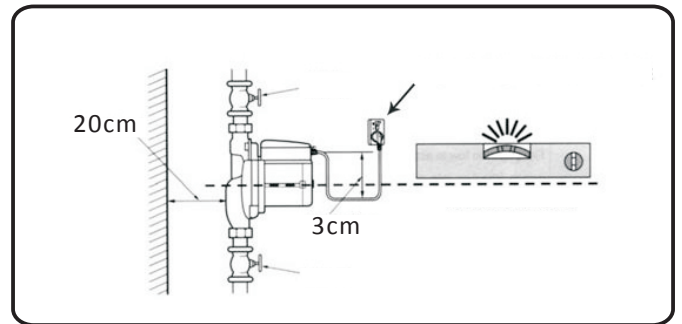
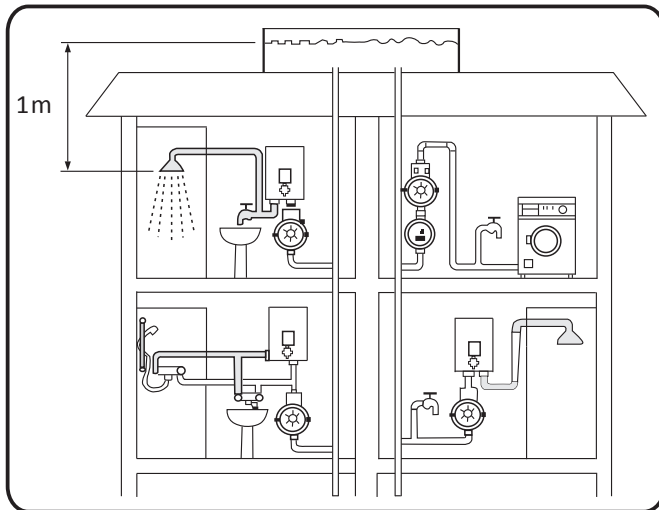
1. The top discharging point (tap or shower head) must be at least 1 meter below the water level in the tank.
2. Take care not to install tapping point on the pump suction side. Accident opening may cause water backflow or air inflow into the pipe work, where pump does not perform stably.
3. Take care not to install pump on the boiler discharging side, so that to avoid damage or life loss caused by hot water.
4. Keep the inlet pressure no less than 0.01MPa and no more than 0.6MPa.
5. Install the pump indoor and maintain protecting works against water, dripping, or frostbite.
6. If long suction pipe is installed, keep the tap open for 5 to 6 seconds then pump starts. is suggested in the case of exceeding the storage time limit.

## Note

7. Before installation, keep the pump in a place no more than 1 year, where temperature is -10°C to 40°C, humidity is below 80%, and free of corrosive gas. Regular inspection by professional
8. Pressure testing or leakage testing is strictly prohibited for pump with connected pipe work, taking due account of preventing pump from obsolescence damages or life loss.
9. All home booster products are marked as IP code 43 (ingress protection rating), and apply for 0.6Mpa max. system pressure. Products are manufactured and delivered with 1.5m wire as factory standard. Wrench is accessory kit for SP4 SP 1 and SP 2-270.

## Operating instruction

Install the pump. Switch the shift-knob onto II (Auto) position and keep the flow rate at 2.5L/min (0.15m<sup>3</sup>/h) so that pump starts automatically according to tapping point start-stop. Pump works uninterrupted when shift-knob is onto III (manual) position. Before starting maintenance work on the pump, keep the shift-knob onto I (stop) position. In the case of faulted auto function, it is suggested to keep the shift-knob onto III (manual) position for emergency.







[www.sistema-pumps.com](http://www.sistema-pumps.com)