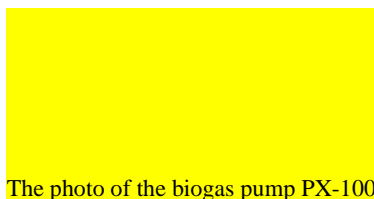


Biogas pump PX-100 instructions



The photo of the biogas pump PX-100

1. Working environment

Ambient temperature $-15 \sim 40\text{ }^{\circ}\text{C}$, should not be sun and rain outdoor, should work in a clean environment. Environmental relative humidity $\leq 75\%$

2. Working medium

The gas pumped must have no strong corrosiveness, allowing the gas to contain water vapor. Allow the medium temperature: $0 \sim 50\text{ }^{\circ}\text{C}$

3. Requirements

The gas pump can be used in the case of flat, the connection with the gas pipe should be good air tightness.

Power plug and socket contact is good, power after the pump issued a "pop, pop, pop" sound, it is for the normal work.

The pump can not be used for a long time without load!

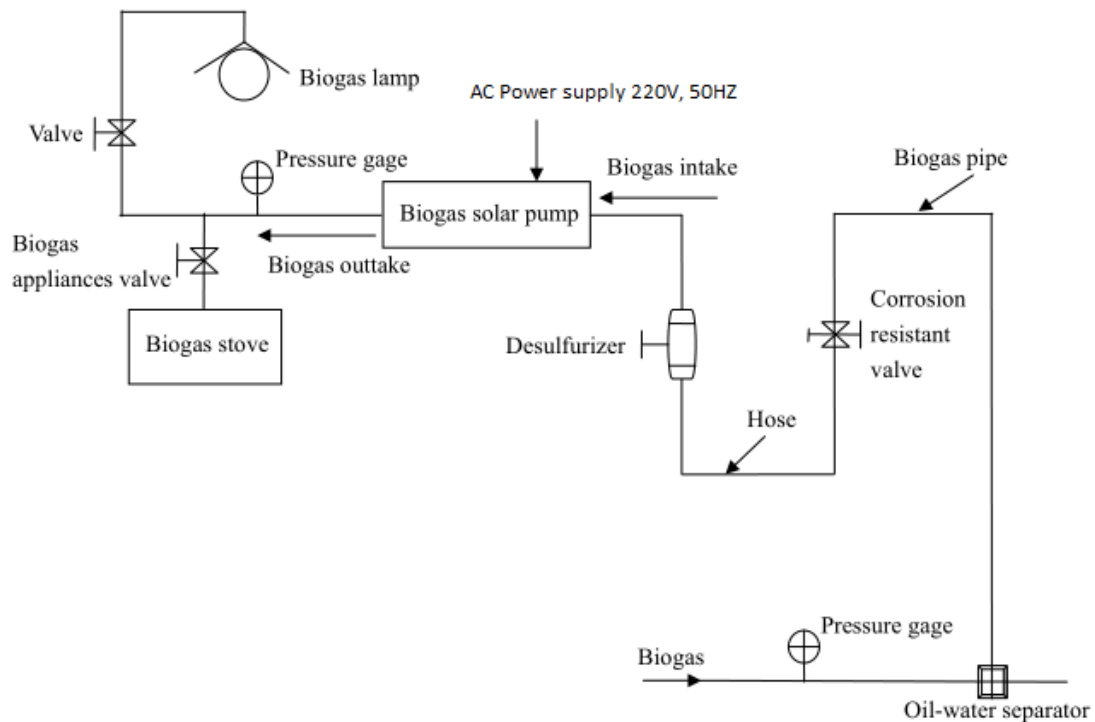
4. The main technical parameters

Model no.	Operating Voltage (V)	frequency (Hz)	power (W)	Max. pressure (KPa)	Max. vacuum (-KPa)	Flow rate (m ³ /h)	Load flow (L/min)	Weight (Kg)
PX-100	AC220 \pm 10%	50	40 \pm 10%	>20	50.0	4	\geq 12 (1000m)	5.0 \pm 0.2

5. Common malfunctions

Fault phenomenon	the reason	Approach
Not working	Poor power supply plugs	Plug the plug
	Whether the gas pipe is reversed connected	Re-connect the gas pipe in and out direction
	Whether the gas pipe is blocked	Check the pipeline
Burning powerless	Biogas is insufficient	Feed material to biogas digesters
	Whether the pipeline is leaked	Replacement of new gas pipe

6. Installation diagram



Precautions

- 1) Domestic movement for up to 3 hours of continuous operation, or easily damage the machine. For long hours of continuous work, please purchase the company's higher quality products.
- 2) Do not crash! Air pump in the case of non-normal use of damage, not warranty!
- 3) Should keep the pump clean, do not let foreign body into the pump, otherwise it will damage the pump!
- 4) The air pump should be placed in a well ventilated place and away from the heat source!
- 5) If the outlet pressure is too small, please check the pump is blocked, the need to remove the pump should be carried out by professionals.
- 6) Can not use towels and other items that are not conducive to heat dissipation in the air pump surface!
- 7) If the pump is accidentally dropped into the water, the power should be cut off in time!
- 8) If the pump has abnormal leakage phenomenon, should immediately cut off the power!
- 9) Gas pump can not be used for a long time without load!
- 10) Do not disassemble air pump for non-professionals!