

Anti-Corrosive Water Jet Vacuum Pump

SH-WV20



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Keep this manual on-hand so it can be used by all operators of the unit.
Use the unit only in the way described in this manual.
Failure to follow the instruction in this manual may cause wrong operation.

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1. Work Principle

The product is circulating water as working fluid, using jet principle to produce negative pressure and designed a new type of vacuum equipment, and equipped with circulating water device: the lack of water environment, can provide cooling water to the reaction device. The product has no pollution, corrosion resistance, low noise, convenient and durable, province water electricity, multi-use of characteristic.

2. Operation instruction

1. At first ,add water before start and forbid to run without load
2. Inject water mouth at the right side of main body (or Cover) and the water level line at the back of main body .
3. Using vacuum tubes connect the vacuum container:
 - 1) Single tube extraction: grouping implementation; Each Tap for each equipment .
 - 2) Parallel extraction: If need large volume vacuum , special connectors are available in parallel to shorten the extraction time.
4. The use of the exterior/Outer circulating water:
 - 1) Normal work does not need to open the outer circulating water.
 - 2) If need to provide cooling water into reaction device:
Connect outlet of circulating water to the inlet of reaction equipment by tube , connect inlet of circulating water to the outlet of outlet of reaction equipment.
Open the outer shape of circulating water. (SH-WV20 is at the back.)
- 5.The rubber tube is used for non-stop change water. With long-time working and water temperature raising , you need to disconnect the rubber tube to change water .
The waste water can fluid from the body after open the mouth on the top of main body .

3. Specification

Model	Power(W)	Voltage(V)	Flow (L/min)	Lift(M)	Vacuum (Max.Mpa)	Single Tap Air Sucking Amount (L/min)	No. of Taps	Capacity of storage(L)
SH-WV20	240	220V/50Hz OR 110V60Hz	60	8	0.098	10	2	15

4. Trouble shooting

No vacuum	<ul style="list-style-type: none"> ① Clean the lower filter ② Wash Back-water valve. ③ Fastening screws and connectors. ④ Check if the vacuum flask is damaged. ⑤ Whether if the tube is aging, fissure, must be replaced.
The Gauge is not shown	See table after sealing screw and vacuum tubes, tee.
Noise	vane wheel is loose and friction
Motor does not start, the leakage	<ul style="list-style-type: none"> ① Check the socket, insurance and lines. ② The voice of the motor has a buzz. Should be cut off power supply, motor cover endogenous wind leaf rotation with all hands. ③ Check grounding line and socket.
Back-suck	Add Glass stopcock/Valve, close valve before stop working.

