

## SHB-III



### SHB-III Type Water Circulating Multi-purpose Vacuum Pump

Providing vacuum condition for the processes of evaporation, distillation, crystallization, drying, sublimation, filtration and decompression, degassing and so on, particularly be suitable for labs and small-scale test of industries such as universities and colleges, scientific research institutes, chemical industry, pharmacy, biochemistry, foodstuff, pesticide, agricultural engineering, biological engineering.

- Cyclically use water, save the precious water resources.
- Save more than 35% of electricity than another type of vacuum pump.
- The fluid muffler purpose made can reduce the gas in water and make the vacuum degree higher and more stable; reduce the friction between gas and fluid, reduce the noise.
- Double-tap, double-display, can be used alone or in parallel.
- Resist corrosion by acid, alkali, and solvents.
- The special machine is made by the famous electric manufacture ODM with fluorine rubber sealing, the inner of which can't be intruded by corrosive gas.

Spec of SHB-III/SHB-IIIA/SHB-IIIS/SHB-IIIT/SHB-IIIG:

Power (W)	180
Power supply (V/Hz)	220/50
Flow (L/min)	80
Lift (m)	10
Maximum Vacuum Degree (Mpa)	0.098
Single Tap Air Sucking Amount (L/min)	10
Number of taps	2
Safety functions	Check valve
Capacity of water storage tank (L)	15
Materials of Water Tank	PP
Dimensions (mm)	385L*280W*420H
Weight (kg)	11

The difference of SHB-III/SHB-IIIA/SHB-IIIS/SHB-IIIT/SHB-IIIG:

SHB-III: The material of Shell, Water bath, Injector, Tee, Check valve and Pumping gas nozzle are PP

material.

The material of pump body, impellor are stainless steel (According to ANSI Standard.)

SHB-IIIA: The material of Shell, Water bath, Tee & Check valve are PP material.

The material of pump body, impellor, Injector & Pumping gas nozzle are stainless steel (According to ANSI Standard.)

SHB-IIIS: The material of Shell, Water bath, Injector, Tee, Check valve, Pumping gas nozzle & pump body are PP material.

The material of impellor is stainless steel (According to ANSI Standard.), suitable for acid gas.

SHB-IIIT: The material of Shell, Water bath, Tee & Check valve are PP material.

The material of pump body, impellor, Injector & Pumping gas nozzle are stainless steel (According to ANSI Standard.)

Transparent water bath body, easy to observe water level.