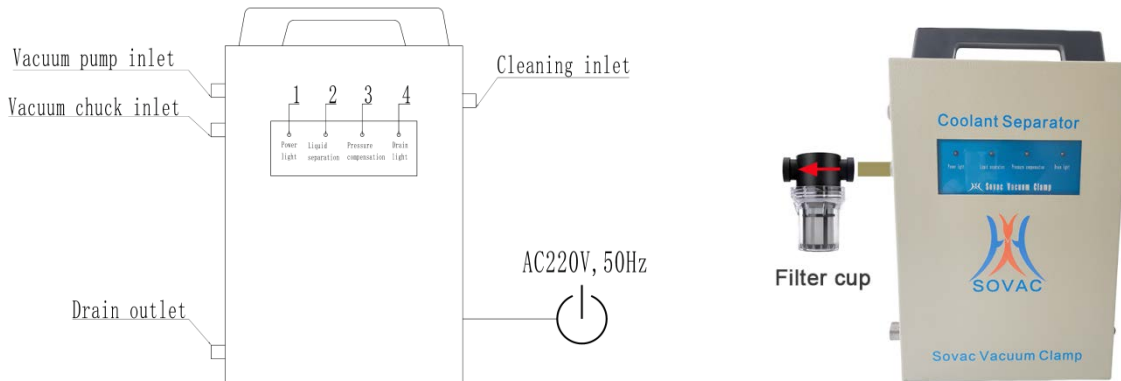


Vacuum Automatic Coolant Separator User Manual

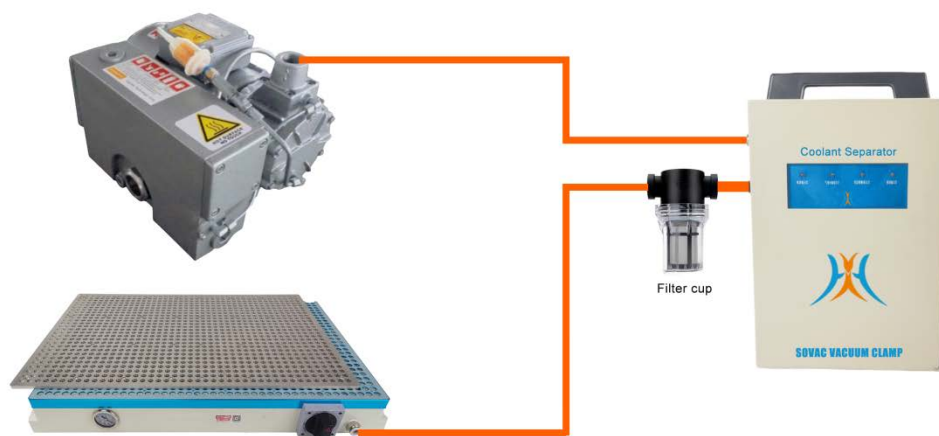
Model:CS-SM-220



1.Power light, 2.Liquid separation, 3.Pressure compensation, 4.Drain light

1. First, connect the vacuum table inlet of the coolant separator to the filter cup, ensuring the arrow on the filter cup points towards the coolant separator. Connect the other end (opposite the arrow) to the vacuum chuck. Connect the vacuum pump inlet to the vacuum pump or vacuum generator. Ensure the coolant separator is vertically positioned or hung securely on a hook to ensure proper operation. Blocking the cleaning inlet is strictly prohibited as it will prevent proper drainage.
2. Power on the device. The No. 1 indicator light will constant light (red). The operational power supply is AC 220V, 50Hz, single-phase. If this requirement is not met, purchase a transformer to convert the voltage.
3. Once a sufficient volume of coolant has accumulated in the coolant separator, lights No. 2 (yellow), No. 3 (yellow), and No. 4 (green) will light up nearly simultaneously. The drainage outlet switch will automatically open to discharge the collected coolant. After drainage completion, lights No. 2, No. 3, and No. 4 will light off. The drainage cycle depends on the rate at which coolant collects inside the vacuum table. The drainage threshold is factory-set and requires no further adjustment.
4. Regularly check the filter cup for accumulated debris and promptly clean it.
5. During operation, if lights No. 2 and No. 3 are not light up simultaneously, remove the filter plug from the cleaning inlet and replace it with an air tube connector. Use a 12mm air tube to connect positive pressure to the cleaning inlet and clean the interior of the coolant separator. Applying positive pressure to the cleaning inlet will not affect the normal operation of the coolant separator. The coolant separator will continue to function while being cleaned until lights No. 2 and No. 3 resume light up, which typically takes less than 2 hours. After cleaning, remove the air tube and air tube connector, and reinstall the filter plug into the cleaning inlet. Normally, cleaning is required once every two years.
6. Under normal operating conditions, The cleaning inlet does not need to be connected to positive pressure, and the cleaning inlet is strictly prohibited from being blocked. This model of coolant separator is suitable for both grid vacuum table and multi-hole vacuum table.

Vacuum Coolant Separator User Manual



Brand	SOVAC
Product name	Vacuum Automatic Coolant Separator
Model	CS-SM-220
Voltage	AC220V/Single Phase 50Hz/6W
Protection grade	IPX7
Drainage interval time	Setup free, adaptive adjustment
Maximum liquid separation rate	5.2L/min
Maximum gas flow rate	700L/min (Larger flow rates can be customized)
Maximum allowable temperature	300°C
Material	SUS304 Stainless steel liner , plastic-sprayed galvanized steel shell
Product weight	22kg
Packing weight	25kg
Overall dimension	415mm×260mm×110mm

Release: June 2024