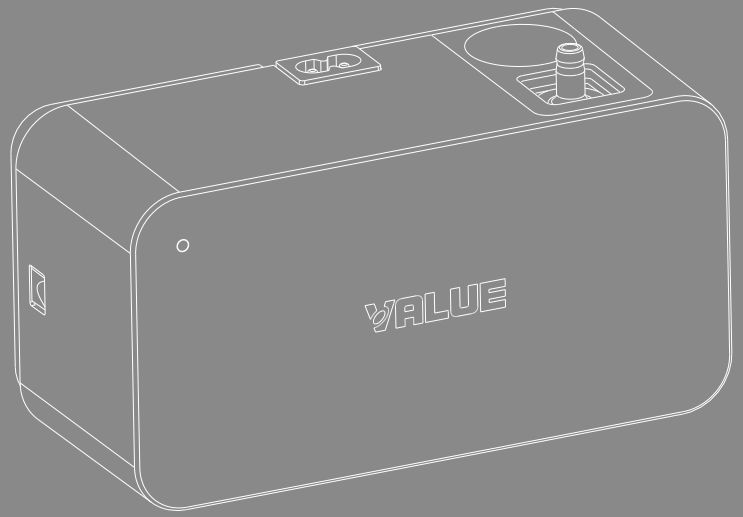
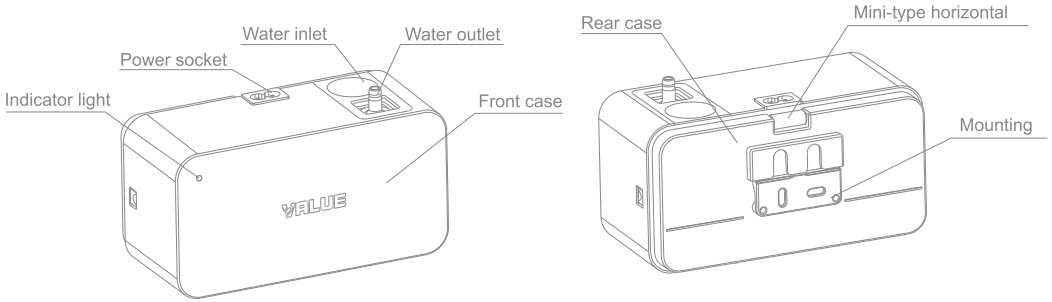
Condensate Pump
User Manual



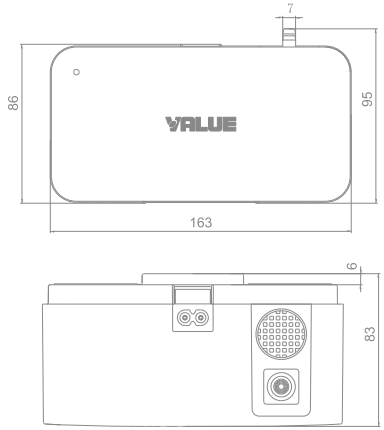
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I. Structure



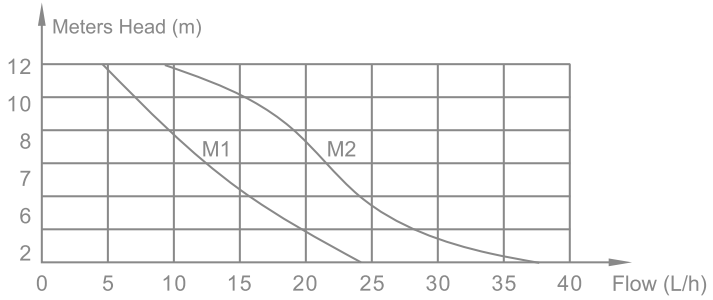
II. Dimensional Drawing (Unit:mm)



III. Technical Parameters

Model	M1	M2
Voltage	100-240V / 50-60Hz	
Discharge head (Max.)	12m / 39ft	
Flow rate (Max.)	24L/h 6.4 US GPH	40L/h 10.6 US GPH
Effective water tank capacity	200ml	
Unit output (Max.)	9kW 30,000btu/h	13kW 45,000btu/h
Applicable ambient temperature	0°C~50°C	

IV. Flow Rate



Condensate Pump VALUE

V. Operation Note

1. It is applicable to condensate water of air-conditioner, and not applicable to other corrosive liquids.
2. It can't be immersed in water and used as a submerged pump, otherwise it will be subject to electric shock.
3. Upon installation or adjustment, please ensure that the draining pump is not connected to the power supply.
4. Installation and maintenance shall be operated by professionals, in order to avoid the occurrence of danger.
5. Please use the equipment in indoor environment, and do not use the equipment in the oil mist environment, especially in dusty environment.
6. When using the equipment, please keep it in the horizontal position, and please check and adjust the equipment through the provided mini-type horizontal column.
7. It is required to clean the water tank, water level electrode surface and the cotton filter at the water inlet every 6 months. If excessive dust is accumulated on the air conditioner's condenser, please clear the dust as well, which is recommended to be conducted once respectively in spring and fall.
8. Please install an independent power source line to ensure continuous power supply.
9. Please correctly connect the water inlet and outlet pipes in accordance with the identification on the product surface, and the outlet port height of the water outlet pipe shall not be less than 2m below the water outlet height, in order to avoid the siphonic effect.
10. Please select a draining pump with appropriate pumping speed in accordance with the air-conditioner's refrigerating capacity, otherwise water overflow may be caused by failure of timely water discharge by the draining pump due to excessive water inflow in a short time, besides, frequent startup and continuous operation of the motor may also lead to overheat and fault.
11. The built-in buzzer will send alarms once the warning water level is exceeded. In that case, please power off the air-conditioner and instruct professional technicians for overhaul.
12. Please do not place any electrics and valuable items beneath, in order to avoid loss due to power outage and water leakage.

VI. Installation Steps

1. Cut off the power source

2. Please fix the mounting bracket provided along with the equipment at the appropriate position on the wall, and adjust the mounting bracket through the mini-type horizontal column in the installation process, such that the mounting bracket's upper end face is horizontal.

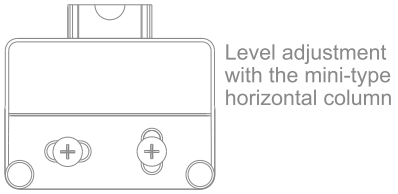
3. Insert the drain-pipe of the air-conditioner into the water inlet of the draining pump, and the water outlet of the draining pump can be connected with a water pipe of Φ6mm ×Φ9mm (inner diameter x outer diameter) and fixed by the self-locking ribbon in the accessories package. Arrange the water pipe of the water outlet, and hang the draining pump onto the mounting bracket on the wall.

4. Check that all water pipes and electric wires are connected correctly, and power on the air-conditioner and the draining pump.

5. Use a container containing water to gently pour water into the air-conditioner's water pan, observe whether the draining pump can function properly; when the pump discharges water normally, the white indicator on the front enclosure lights up, and it will extinguish after the water pumping operation is complete.

6. The built-in buzzer will send alarms once the warning water level is exceeded. In that case, please power off the air-conditioner and instruct professional technicians for overhaul.

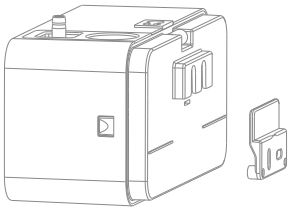
7. Following completion of the above test, the draining pump can function properly, then the installation is complete.



Level adjustment with the mini-type horizontal column

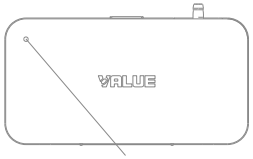
Fix with ST4 × 20mm self-tapping screw

①



Insert the draining pump into the

②



Draining pump working indicator

③



VII. Common Troubleshooting

Fault	Fault Causes	Fault Removal Method
The draining pump fails to be started normally	The pump fails to be started	Check whether the power cable is plugged and whether the power source is on
	Incorrect power voltage	Check whether the voltage of the line is consistent with the nominal voltage of the draining pump
	Electrode surface contamination	Regularly clear the water inlet cotton filter, water tank and water level electrode surface
	Tilted pump placement	Check and adjustment of pump body levelness through the mini-type horizontal column
Excessive operation noise of draining pump	Siphonic effect leads to decrease of water volume in the pipeline, and air in the water in the preliminary stage of water pumping leads to excessive noise	Raise the height of the discharge pipe's outlet or the external anti-siphon elements
	The outlet pipe is squeezed or bent, leading to obstruction of water discharge	Check the discharge pipe layout
Water overflow	The outlet pipe is squeezed or bent, leading to obstruction of water discharge	Check the discharge pipe layout
	The water inlet's cotton filter is obstructed without clearance	Regularly clear foreign matters on the discharge outlet's cotton filter, and also clear the accumulated dust on the air-conditioner condenser

VIII. Scope of Warranty

The scope of warranty is as follows:

1. As verified by qualified detection institutions, the product is deemed to be defective;

2. The product is dismantled and repaired without authorization;

3. Provided that the product is used and operated correctly in accordance with the Operating Instructions, then all warranty services in relation to the product shall be available only in the warranty period.

4. The product's warranty period is one year.