

Installation Instructions

WHISPA-Q

Ultra Quiet Tank Pumps



WHISPA-Q-2L



WHISPA-Q-1L

WHISPA-Q Ultra Quiet Tank Pumps

Please read the instructions carefully before attempting to install, operate or service the pump. Understand the pump application, limitations and potential hazards. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage.

Retain these instructions for future reference. Installation, connections, and servicing are to be carried out by a qualified person.

For Air Conditioning Units
up to 7kW.

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**PUMP
HOUSE**
a **DIVERSITECH**
company

APPLICATION

The WHISPA-Q ultra quiet tank pumps are available in a 1 Litre & 2 Litre version. This range is designed to automatically remove condensate fluid from an air conditioner evaporator coil. These pumps are made from a tough ABS plastic body to resist corrosion and impact

FEATURES

- Compact Design
- Ultra Quiet – 19 dBA
- Multiple Mounting Options
- Unique Piston Technology
- Built-in Debris Filter at Inlet Hole
- Comes with Safety Switch
- Effective Continuous 6 Metre Lift

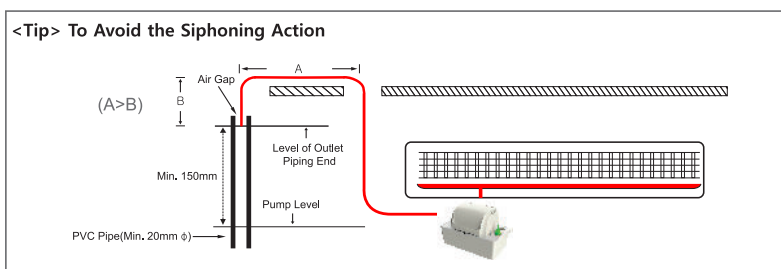
SPECIFICATION

Model	WHISPA-Q-1L	WHISPA-Q-2L
Max. Flow	14 lph	14 lph
Max. Head	6 m	6 m
Volts	220-240 V	220-240 V
Hz	50-60 Hz	50-60 Hz
Amps	0.027 A	0.027 A
Watts	6 W	6 W
dB(A)	19	19

Model	WHISPA-Q-1L	WHISPA-Q-2L
Tank Capacity	0.6 litres	2.2 litres
OD Outlet	1/4"	1/4"
Length	170 mm	250 mm
Width	81 mm	135 mm
Height	127 mm	165 mm
Weight	0.76 kg	1.14 kg

INSTALLATION

1. Carefully unpack the unit, check for damage and make sure that all of the required parts are included. The units are thoroughly tested before packaging to ensure safe delivery and operation. If there is any sign of damage due to shipment, return it to the place of purchase for repair or replacement.
2. Choose a mounting location near the air-conditioning unit. The pump must be mounted horizontally.
3. Run flexible tubing or pipe from the condensate drain on the evaporator pan to the inlet hole of the pump. This drain line should have a continuous downward slope to allow gravity flow. Cut the end of the line at an angle so the end does not close off on the bottom of the pump's tank
4. Connect the discharge line by hand, tighten the cap nut of the check valve in a clockwise direction. A flexible tubing with an internal diameter of 1/4" will be suitable. Extend the discharge line straight up from the pump to the highest maximum head of the pump. Be sure that the outlet piping is not twisted or clogged.
5. In order to avoid siphoning action and running the pump dry, always connect the outlet piping to a drain at a higher level than the pump itself.



WIRING

Shut off electrical power at the fuse box before making any wiring connections. All wiring must be done according to local and/or applicable national codes.

1. Mains power: Connect the power cord to a constant line voltage source, not a fan or other device that may run intermittently.

TESTING

1. With the unit plugged in and the discharge line in place, pour water into the pump reservoir until the unit activates to verify the unit works properly.

MAINTENANCE

1. Before attempting to service or disassemble any component, make sure that the unit is disconnected from the power source.
2. Take off the drain hose from the inlet hole. Unfasten the check valve with a wrench with care not to spill the water inside of the outlet piping, over the floor or the pump.
3. Detach the cover and water tank from the main plate.
4. Be sure the floats move freely. Clean as necessary.
5. Clean the tank and reservoir with warm water and mild soap.
6. Check the inlet and outlet piping. Clean as necessary. Be sure there are no kinks in the line that would inhibit flow.
7. After the servicing, assemble the unit by reverse order.
8. To re-install the check valve, fasten it manually and tighten a half turn further with a wrench.
9. If the unit ceases to work, remove water from the hose and the water tank.

TROUBLESHOOTING

If the pump doesn't function properly, refer to the following:

1. The unit does not run:
 - Check the power supply
 - Check the appliance to see if condensation is actually being generated
 - Check to make sure the pump float mechanism moves freely and clicks the activation switch when moved up and down.
 - Check the drain line(s) into the pump for obstructions.

Note: If these lines are clogged and remain clogged, the appliance may eventually be damaged.
2. The unit makes loud noises when running:
 - Make sure the inside of the reservoir is clean - (refer to the maintenance section for cleaning instructions).
3. The unit runs but does not pump the liquid out:
 - Check the float to be sure that it is not stuck in the up position.
 - Check the height of the discharge tubing to be sure it does not exceed the allowed head (see specification).
 - Check the discharge tube for obstruction and clean if needed.
 - Check the valve for obstructions - (refer to the maintenance section for cleaning instructions).

TROUBLESHOOTING

continued:

4. Liquid drains back into the pump from discharge line:
 - The check valve may have debris in it - (refer to the maintenance section for cleaning instructions).
 - If the discharge line is plumbed so that the highest point is less than 1m above the pump, the check valve may allow liquid to drain out of the line. This is normal and will not damage the pump.
5. Liquid leaks from around the check valve:
 - Check the proper fit of the cap nut that holds the discharge tube in place.
 - If the check valve is too tight or too loose it may leak around the O-ring. Check that the valve is hand tight, and then tighten an additional 1/2 turn with a wrench.
 - If the O-ring under the check valve is damaged, replace with a new one or purchase a replacement check valve, which includes an o-ring.

WARRANTY

The pump comes with a 1 year warranty. This warranty covers all parts with material or manufacturing faults. The buyer's only remedy is the replacement or repair of the defective parts. In no case can labour costs and any consequential damage be cited as a basis for a complaint. Any returned units must be complete and must be accompanied by a written list of the defects identified.

We are unable to accept any liability in case of non-conforming installation or non-compliance with the specifications or maintenance recommendations that have been stated.

CONFORMITY

All data contained in these specifications are solely intended to describe the product and do not constitute warranted characteristics in the legal sense. Subject to technical change.



WHISPA-Q

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