

Genesis Blower

Note

The standard version of the Genesis air blower is constructed for use on whirlpools, spas and similar applications for private use only. The Genesis air blower is not constructed for use together with a separate portable mat and must never be used as a portable unit.

Dry-out functions

The blower has manual and automatic dry-out functions which are controlled by a timer.

1. Manual function:
When the blower has been switched off after a bath, it will remain switched off for 30 minutes and then a 5-minute dry-out will start.
2. Automatic function:
When the blower has been running for 30 minutes, it will be switched off automatically. The blower will remain switched off for 30 minutes and then a 5-minute dry-out will start.

This function is only integrated in the following types of blower:

- 3-speed, pneumatic switch
- 3-speed, pneumatic switch with heater
- Variable speed
- Variable speed with heater

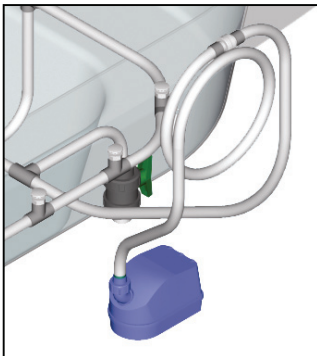
Location

The Genesis air blower must be mounted in a suitable place which does not allow accessibility without use of a tool and is protected from flooding. It must also be placed in a well-ventilated location, but avoid cold air intake as this will cause a cold air injection into the whirlpool or spa.

Installation

The blower is suitable for mounting below whirlpools and spas. It must be secured to the installation place by means of three screws fitted through the three rubber feet of the blower. The bottom of the blower can be opened by loosening the two screws located under the blower label at the back. The blower should not be accessible to people using the whirlpool or spa. Water flowing back from the whirlpool or spa must not come into contact with the blower. To ensure this, we recommend that the pipe or hose system be laid so that a double air loop and one check valve, or two check valves, are fitted above the maximum water level. The pipe/hose system must be securely fixed to the blower's outlet. If the blower is a heated version, bear in mind that the heater will switch off automatically if the air temperature rises above approx. 50°C (*). For pneumatically controlled air blowers, flexible piping with an internal diameter of 3 mm. must be fitted to the air switch which is located at the back of the blower.

(*) Remark **EN 60335-2-60** (excerpt): **11.8: Supplement: When a heating element is built into the device, the water temperature of the bathing water should not exceed 50°C at the inlet.**



Warning

It is essential that the pipe or hose system always has a double air loop and one check valve, or two check valves, fitted above the maximum water level.

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Electrical installation

Note: All electrical work must be carried out by a qualified electrician according to national wiring rules.

Electrical installations should not be done until the blower is completely installed in its location.

Check the main voltage before connecting the blower.

The blower is fitted with an electrical supply cord which is in compliance with European standards EN60335-2-60 and has the following wire-colour coding:

CLASS I

Earth: Yellow and Green
Neutral: Blue
Live: Brown

CLASS II

Earth: Without earth cable
Neutral: Blue
Live: Brown

The installation of the whole system must be done using a fixed wiring switch that has a contact separation of at least 3 mm. in each pole. If the single-speed blower is fitted to an external variable speed control box, the blower must run at high speed for at least 5 seconds.

Note: If the thermal protection for the air-blower motor is activated, the blower will not restart until power from the system has been cut off and switched on again AFTER the blower has cooled to room temperature.

Maintenance

No special maintenance is required for the blower although the intake filter can be cleaned by dismantling the base of the blower: to do this, remove the two screws at the back of the blower. The ozone-generated version of the air blower is in accordance with the COSHH regulations EH38 Ozone: health hazards and precautionary measures.

If the power-supply cord is damaged, it must only be replaced by the manufacturer, service agent or a similar qualified agent in order to avoid damage.

Note

Please see the touchpad manual for wire information.