

## Balboa Water Group Perseus™ Blower 22-60415



### **Specifications**

Rated voltage: 230 V, 50-60 Hz, 1 phase, Class II

### **Dimensions**

Length: 265 mm  
Height: 140 mm  
Width: 130 mm  
Min. outlet pipe: 25 mm ID

Operating temperature: 0 to 40°C

Storage temperature: -20 to 60°C

### **Important**

Follow the directions for installation and connection. This blower is not suitable for medical use. We reserve the right to change the product and the specification without notice.

### **Safety rules**

- A. Locate the blower in a dry area with good ventilation.
- B. The blower must be situated at least 3 cm above the ground floor.
- C. Before cleaning, servicing, exchanging parts or accessories or checking up on various disturbances, the mains have to be cut off.
- D. Make sure that there are no unconnected wires and cables on the blower.
- E. Cables and wires must be as short as possible.
- F. The blower is manufactured as a Class II product. It has to be connected with wires according to the instructions from EN 60335-1 and EN 60335-2-60. It is recommended that you consult a state-registered electrician.
- G. Keep at all times minimum 20 mm distance between high and low power cables.
- H. A suitable ground fault circuit interrupter with a rated residual operating current not exceeding 30 mA and with at least a 3 mm break distance on each terminal must be installed in order to separate the blower from the mains.
- I. The mounting is to be made in such a way that it is not possible to touch the electric parts.
- J. The electric parts have to be mounted in such a way that they cannot fall into the bathtub.
- K. Must not be earthed.

### **Suggested standard installation**

- 1. The blower is suited for inside/outside bathroom installation.
- 2. Place the blower in a ventilated location. Avoid air intake from cold area, as it will cause cold air injection in bathtub. Outside bathroom, place the blower min. 30 cm above water level. Inside bathroom, place the blower below bathtub.
- 3. Secure installation with check valve **(A)** and with double air loop **(B)**. Always install check valve on "wet" side of blower connection as high as possible.
- 4. The blower may be installed optionally from horizontal to vertical. When going towards the vertical however, it must always be installed in such a way, that the blowing side is placed higher than the suction side.



**Boost installation**

1. Standard boost installation with blower to increase jet performance
2. Boost/turbo installation can be installed with Hydro-Air standard on/off control box, 2 functions for pump and blower, or with 3 functions for pump, blower and light. In case of using on/off control box, air boost to jets can be adjusted by one or two normal air controls, located between blower and air loop. By opening air controls, air pressure to jets will be reduced.
3. Boost/turbo installation can also be installed with Hydro-Air system 1500 controls, with electronic revolution regulation of blower.
4. Follow all other instructions from "Suggested standard installation".



**Warning**



1. 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.
2. Connect blower discharge to air piping on whirlpool before connecting power to the blower.

