



## BLOWER



### WARM AIR BLOWER FOR ELECTRIC TOWEL HEATERS

Integrated control unit with analog controls in the upper part, customizable, supplied with or without a pilot wire

#### Overview

##### Main features

- Room temperature control
- Heating on/off switch
- Desired temperature setting
- Operating modes selection
- Quick heating of your bathroom using the Boost feature

##### Application

- Electric towel heaters with heat-transfer fluid

##### Product + points

- **Ergonomic settings:** in order to make it easier to set the blower, the control panel has been located at the top of the towel heater and the two ergonomic dials make it easy for you to select the heating method and the desired temperature
- **"Intelligent" electronic control:** this provides year-round maintenance of a stable and accurate temperature in your home
- **Width of 120mm,** this facilitates the hanging of towels and makes the appliances perfect for use in small bathrooms
- The control box can be quickly **customized** by changing the front cover

## Functional specifications

### Use



<b>Power On / Standby</b>	A switch allows the appliance to be on standby
<b>Desired temperature</b>	Adjustable from +10°C to +30°C
<b>Operating modes</b>	Auto, Comfort, Eco, Frost protection
<b>Boost feature</b>	Setting: 30 minutes or 1 hour, temperature is set to the maximum limit during a chosen duration
<b>Safety</b>	<ul style="list-style-type: none"> <li>- <b>Child safety:</b> keypad locking</li> <li>- <b>Room overheating is prevented in Boost mode</b></li> <li>- <b>Internal protection against overheating faults</b></li> <li>- <b>Anti-obstruction safety:</b> prevents the involuntary air flow obstructions (filter and ventilation grille) shutting down/switching off the blower</li> <li>- <b>Settings are saved by means of EEPROM in the event of a power supply voltage outage</b></li> </ul>
<b>Pilot lights</b>	Viewing the switch resistance, the Boost, the pilot wire control, the control lock and filter status
<b>Tangential turbine blower</b> insuring a low noise level with anti vibration device, adjustable fins upwardly	
<b>Removable anti-dust filter</b>	Cleanable, without removing the blower

### Installation

Rail extendable bracket: adaptation of the blower on towel heater with different widths between 500 and 600 mm overall (450 to 550 mm on center manifolds), no welding, no additional tool

The blower can be connected quickly and easily to a mains power supply using the faston lugs

<b>Sealing</b>	Two O-rings included
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## Technical specifications

### Dimensional and finish specifications

Height	208 mm	
Width	490 to 590 mm	
Depth	120 mm	
Color	White RAL 9003	Grey RAL 9006
Net weight	3.93 Kg	

### Power supply

Operating voltage	230V AC+/-10% 50Hz
Power cord	Class II: 800 mm, 3 conductors

### Consumption

Maximum power	1250 W, resistive load
Electric consumption when the switch is in OFF position	0 W (a zero-voltage control device reduces electromagnetic interference -- the blower complies with French standard (NF) performance criteria)

### Control

Control type	Electronic PID (Proportional Integrated Derivative) control with microprocessor
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### Environment

Protection rating	IP24 after installation under the responsibility of the integrator
Class	Class II after installation under the responsibility of the integrator
Operating temperature	0°C to +50°C
Temperature setting range	+10°C to +30°C
Storage temperature	-20°C to +70°C
NTC Temperature sensor electronics	

### Applicable directives

EMC	2014/30/EU
LVD	2014/35/EU
RoHS	2011/65/EU

### Applicable standards

EMC	EN55014-1 ; EN55014-2 ; EN61000-3-2 ; EN61000-3-4
LVD	EN60335-1 ; EN60335-2-30 ; EN60335-2-43 ; EN62333
RoHS	EN50581
Manufacturing	On certified site ISO 9001 V2008

## Product codes

### Codes

**BXEBLOWA2PA**

### References

Blower with a built-in control unit and analog controls on the upper part of it, white, for electric towel heaters, Class II, comes with a pilot wire and a 80 cm power cable

Product customization (design features) possible. Please contact us.