

BLOWER

WARM AIR BLOWER FOR HYDRO-ELECTRIC (MIXED) TOWEL HEATERS

With integrated digital control unit, automatic management of the heating mode - Option : IR remote control

Overview

Main features	Application
<ul style="list-style-type: none"> - Automatic management of 2 energy (hydraulic+electric) - Room temperature control - Desired temperature setting - Quick heating of your bathroom using the Boost feature - Operating modes selection 	<ul style="list-style-type: none"> - Hydro-electric towel heaters









Product + points

- **Hybrid**, the regulation module automatically manages the switching from hydraulic heating mode to electric heating mode and inversely
- **Ergonomic settings**
- **"Intelligent" electronic control**: this provides year-round maintenance of a stable and accurate temperature in your home
- **Super comfort feature**: additional instantaneous heating, the hot air blower enables automatic and swift room temperature increase, after an Eco phase, Frost protection or Stop by the means of a regulated «heating on» of the blower
- **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



Remote control sold separately

Functional specifications

Use	       
Power On / Standby	A switch allows the appliance to be on standby
Desired temperature	Preset to +21°C, adjustable from +10°C to +30°C
Operating modes	Auto, Comfort, Eco, Frost protection
Control of the heating mode	Electric heating mode enabled or disabled
Boost feature	Setting by 10 min. increments: to rise quickly the temperature and turn on the blower for a time period requested
Safety	<ul style="list-style-type: none"> - Child safety: keypad locking, which makes all changes impossible - Anti-obstruction safety: prevents the involuntary air flow obstructions (filter and ventilation grille) shutting down/switching off the blower - Room overheating is prevented in Boost mode - Safety of appliances when used in hotels: all of the controls can be locked, with the exception of Boost control - Internal protection against overheating faults
Tangential turbine blower insuring a low noise level with anti vibration device, adjustable fins upwardly	
Removable anti-dust filter	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 width is equal to 550 mm overall in the case of a connection to the ground)

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| Hydraulic connection adjustable and invisible (with decorative plate) | <ul style="list-style-type: none"> - Possibility to connect to the central heating system from the ground or from the wall - Possibility of making the hydraulic connection aesthetically invisible thanks to the decorative plate installed in the lower part of the towel dry. |
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The blower can be connected quickly and easily to a mains power supply using the faston lugs

Sealing	Two O-rings included
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The Test mode enables operation of the electrothermal valve

Advanced settings

Eco temperature	Preset to -3,5°C , adjustable from -1°C to -8°C
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Advanced settings

Frost protection temperature	Preset to +7°C , adjustable from +5°C to +15°C
Max. duration of the Boost	Preset to 60 minutes , adjustable from 30 to 90 minutes
Boost max. setpoint temperature	Preset to +39°C , adjustable from +25°C to +39°C
Super comfort	Enabled by default , can be disabled
Safety of appliances when used in hotels	Disabled by default , can be enabled- Only boost feature is available
Restoring factory settings	

Expert settings

Temperature adjustment	Ambient sensor calibration
Hydraulic settings	Threshold setting water temperature for the activation of the electrothermal valve. Preset to 40°C , adjustable from 30° to 50° by 1°C step.
Setting time measurement of water temperature	Preset to 3min, adjustable from 1min to 9min by 1min step

Technical specifications

Dimensional and finish specifications

Height	208 mm
Width	490 to 590 mm
Depth	120 mm
Color	White RAL 9003
Net weight	2,65 Kg (without hydraulic decorative plate)

Power supply

Operating voltage	230V AC+/-10% 50Hz
Power cord	Class II: 800 mm, 2 or 3 conductors

Consumption

Maximum power	1250 W, resistive load
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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

Applicable directives

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

Applicable standards

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

Product codes

Codes	References
BXEMOD2PMIXA	Blower with integrated white digital control panel for mixed towel heaters, CLII, with pilot wire, 80 cm power cable

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