

Klimör

BLAST

Air handling unit with cross-flow heat exchanger for heat recovery



SIZES:

2



NOMINAL
CAPACITIES:

360 • 630 m³/h*



EXTERNAL
PRESSURE:

150 Pa



Basic functions



Optional functions



PLUG & PLAY
READY

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Features:

1 CASING

- **Insulation – EPP:** elimination of thermal bridges
- **Coated galvanized sheet metal/EPP**
- **Dedicated inspection panels** for easy filter replacement
- **Support legs in the STANDARD** version are included
- **Support legs in the DECOR version** and the wall mounting bracket are optional

COMMUNICATION



- **Wi-Fi - mobile app** control & monitoring
- **Modbus RTU (RS-485)**

2 HEAT RECOVERY

- **Condensing or enthalpy** counterflow recuperator
- **100% by-pass**
- **Free-cooling function**
- **Innovative defrosting system** based on detection of pressure increase on the exchanger

3 FANS

- **High efficiency EC motors**
- **Maintaining a constant flow** independently for supply and exhaust air (option)*

4 HEATER

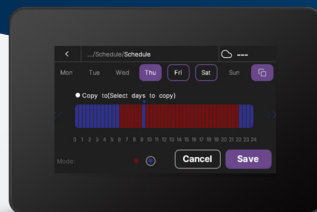
- **Electric pre-heater, integrated**
- **Stepless adjustment with PWM signal**

5 AUTOMATION

- **Integrated**
- **Operating modes - 3 speeds,** weekly schedule
- **User modes - Auto, Hood, Party,** Ventilation, Exit, Fireplace
- **Peripheral device compatibility**
- **Air quality sensor support - CO₂, RH**
- **Airflow balancing - maintaining** constant mass flow (optional)*

6 FILTERS

- **ePM₁₀50% (M5)** as standard supply/exhaust air
- **ePM₁60% (F7)** option for air supply
- **ePM₁₀50% (CRBN)** option for air supply



- **Control panel 5"** colour LCD touchscreen



- **Control panel** 80 x 80 mm LED panel with capacitive buttons

CONTROL PANEL

- **Choice of colour 5" LCD touchscreen panel** or 80 x 80 mm LED panel with capacitive buttons
- **Built-in Wi-Fi/BT module**
- **Operation monitoring & alarm reading**
- **Intuitive user interface**

BASIC TECHNICAL DATA

Parameters		BLAST 360	BLAST 360	BLAST 630	BLAST 630E
Rated air efficiency at external pressure 150 Pa		360 m ³ /h	360 m ³ /h	630 m ³ /h	630 m ³ /h
Heat exchanger	Calculated heat exchanger efficiency*	91,8 %	83,1 %	90,8 %	80,6%
	Moisture recovery efficiency**	—	69,1%	—	63,3%
	Heat exchanger efficiency acc. to EN 308	83,5 %	80,1 %	81,6 %	77,1%
Electrical specification	Fan power	2 x 86 W	2 x 86 W	2 x 170 W	2 x 170 W
	Maximum electric heater power	1200 W	1200 W	1700 W	1700 W
	Supply voltage	230 V; 50 Hz	230 V; 50 Hz	230 V; 50 Hz	230 V; 50 Hz
Device dimensions	Height H	755 mm	755 mm	755 mm	755 mm
	Depth W	570 mm	570 mm	570 mm	570 mm
	Width L	935 mm	935 mm	935 mm	935 mm
	Weight net	50 kg	49 kg	51 kg	50 kg
	Inlets / Outlets diameter	Ø 200 mm	Ø 200 mm	Ø 200 mm	Ø 200 mm

* Optional pressure transducer required

** For parameters: outside air -20°C/90%, exhaust air 22°C/50%