



olimp

Ductless
air handling unit





5000 – 8000



SIZES AVAILABLE
DEVICES

2



Roof
installation

Olimp

The OLIMP air conditioning unit is a ductless ventilation device with the option of heating or cooling. The device can be equipped with a highly efficient cross-flow exchanger for heat recovery. The product line includes 2 basic sizes, covering the expenditure range of 5,000 and 8,000 m³/h. The OLIMP air handling unit does not require the installation of air distribution ducts. The device consists of an outdoor unit installed on the roof and an indoor unit located under the ceiling of the room.

The OLIMP air handling unit is a device for use in ventilation installations of large-volume buildings, including: shopping centers and logistics, sports and entertainment facilities, office facilities as well as production and warehouse halls.

Technical information

- 2 basic sizes
- External (roof) installation
- Efficiency from 5000 to 8000 m³/h
- 3 basic types of OLIMP devices:
 - supply and exhaust device with heat recovery in the form of a highly efficient cross-flow exchanger
 - supply and exhaust device with recirculation
 - air supply device
- Outside air intake with condenser
- Water, electric or gas heater
- Sheathing and finishing elements are made of sheet metal resistant to weather conditions and corrosion
- Ductless air distribution system
- High separation of supply and exhaust air streams
- Pocket filters: G4, M5
- Removable cover plates (for easy operation and service of the unit)
- Air handling units equipped with a complete automation system controlling the operation of fans, water heater, air dampers and swirl diffuser
- EcoDesign 2018 Compliance

Application

Industrial and production halls
Large-scale commercial and service buildings
Commercial buildings: office buildings, hotels
Public institutions and facilities
Recreational and sports centers



Size Table

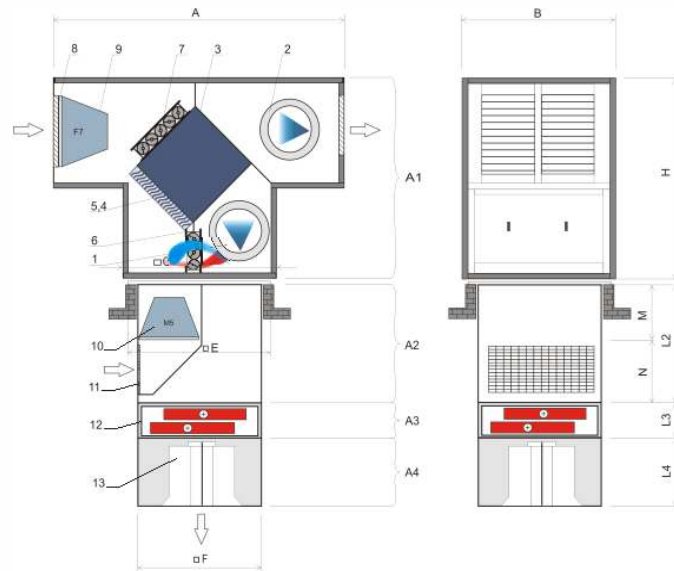
Device type	A	B	A1	A2				A3	A4	C	E	F	WEIGHT A1	WEIGHT A2+A3+A4
			H	M	N	L2	L3	L4						
[mm]													[kg]	
BD-RP-5	2 310	1 140	1850	435	415	850	250	600	1660	1020	800	600	178	
BD-RP-8	2890	1470	2220	555	445	1000	250	650	1890	1280	1100	1100	259	

Technical data

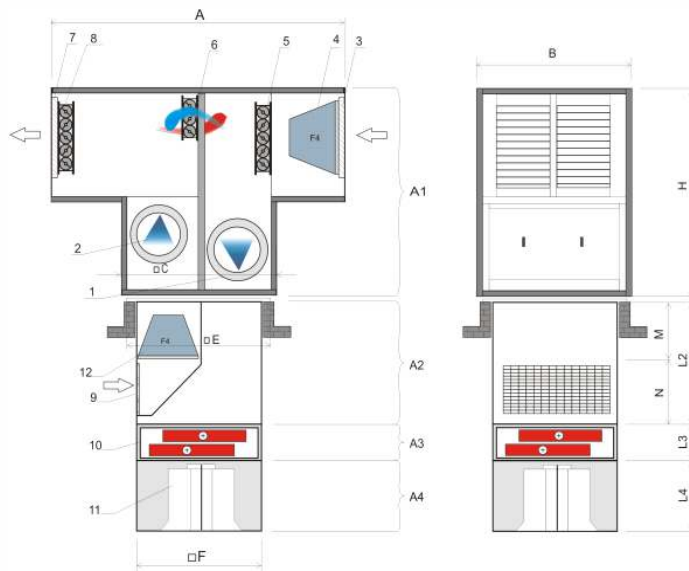
DESIGNATION	Unit	OLIMP BD-RP-5-ECO	OLIMP BD-RP-8-ECO
Nominal capacity (supply/exhaust)	m³/h	5000	8000
Max. heating stream range (ΔT=15K)	m	9	8,8
Max. cooling flow range (ΔT=10K)	m	5,5	5,6
Minimum distance from the wall	m	5	6,5
Minimum distance between air vents	m	7	10
Fan motor supply voltage	V	400	
Rated power of fan motors on the air supply*	kW	2,5	3,5
Rated power of exhaust fan motors*	kW	2,5	3,5
Max. heater power (2R) at the medium temperature 80/60°C and for the air temperature before the heater 0°C	kW	50	77
Max. water flow rate	m³/h	2,1	3,3
Water pressure drop in the heater at max. power	kPa	7,83	5,3
The exchanger operating in cooling mode (2R) at an air temperature before the cooler of 32 °C φ=45% and a medium temperature of 6/12 °C reaches the air temperature after the cooler.	°C	23	

Technical drawing

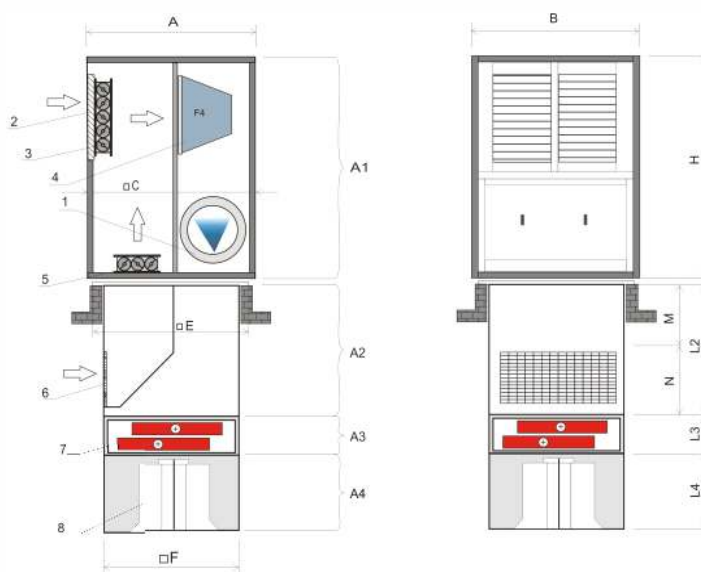
OLIMP BD-RP-ECO



OLIMP BD-NW



OLIMP BD-N



*photos presenting the offered product are for illustrative purposes only.

Due to the constant development of products, VBW Engineering sp. z o.o. reserves the right to change parameters and dimensions without prior notice.

Make full use of the device's capabilities

Thanks to the proprietary automation of VBW Engineering



Our proprietary automation systems support modern "Smart Building" home solutions.

Such solutions mean that our customers receive a product over which they have full and easy control from anywhere in the world, ensuring their safety and peaceful sleep. Our specialists provide full support.

Starting with assembly and wiring between the automation elements and the power and control switchgear. They commission automation systems and make arrangements and activities related to cooperation with devices and elements of other installations.

Automation **PREMIUM+**

At the customer's request, we deliver devices with the PREMIUM+ automation system tailored to the individual needs of the client



Full control over device



Work optimization and incurred operating costs



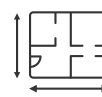
Availability to the device 24/7 (Remote Service Center)



Reminding about inspections



Device integration cooperating with switchboards



Individual graphics developed on projects building



Possibility to send notifications Email & SMS



Intelligent systems energy management



Smart Homes integrated systems Smart home



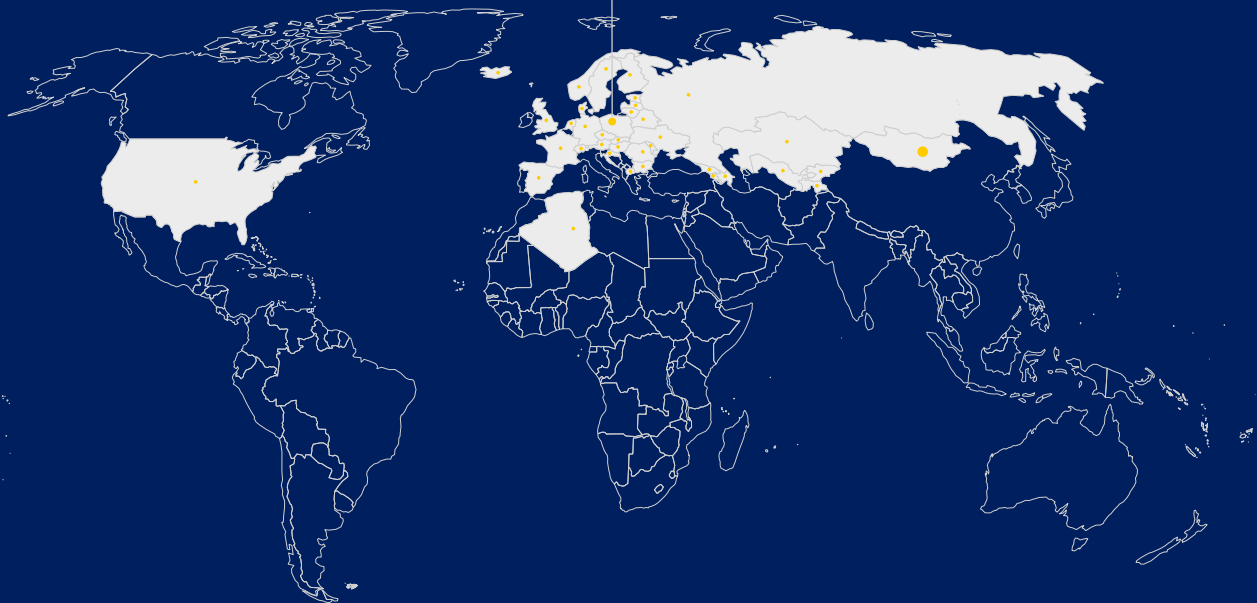
Internet compatibility access from anywhere on earth

*additional options available when selecting the device.

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