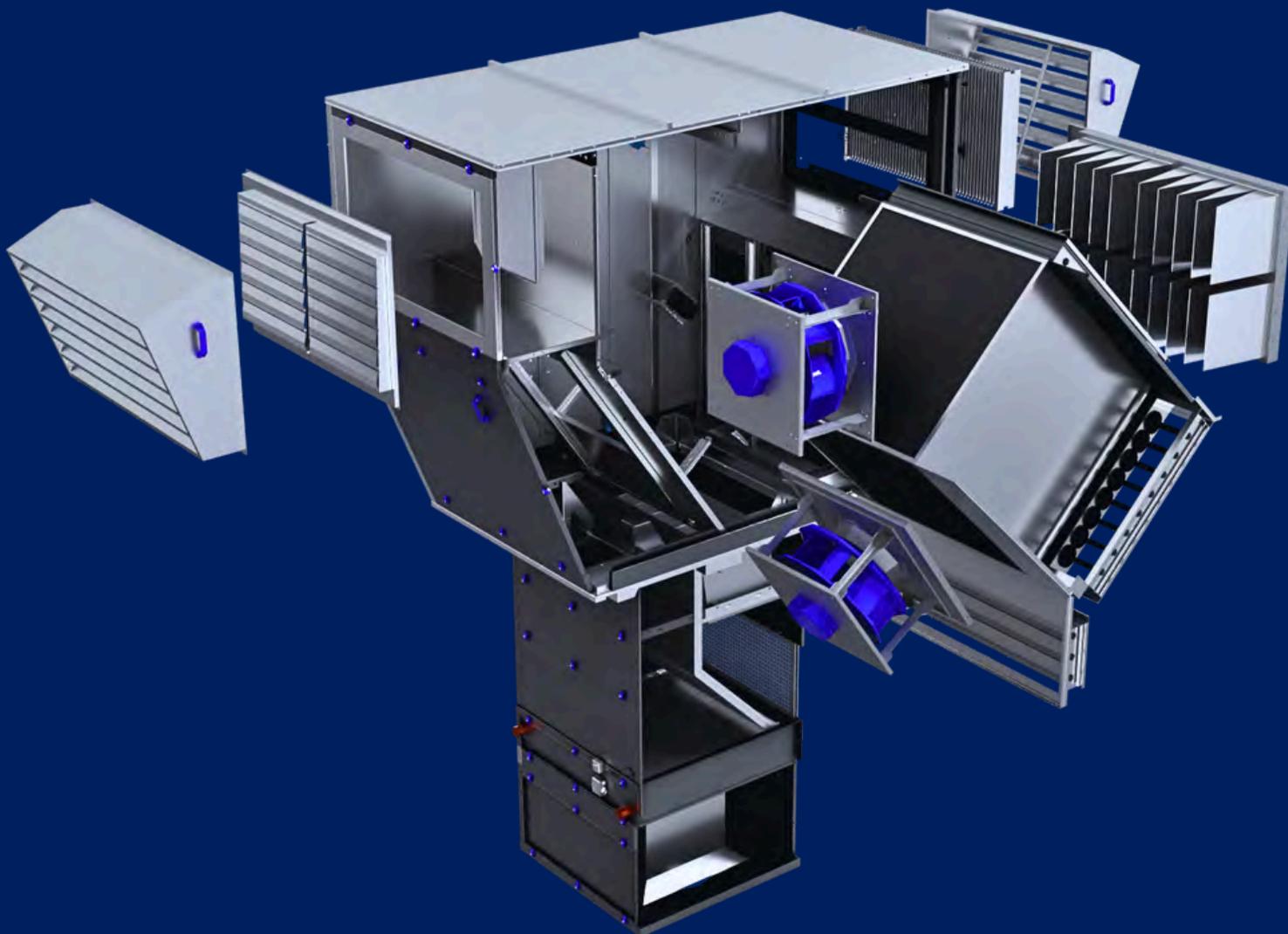




# olimp

Ductless  
rooftop unit





  
CAPACITY [m<sup>3</sup>/h]

**5000 – 8000**



Roof  
installation

**2**

Available device  
sizes

# Olimp

The OLIMP air handling unit is a ductless ventilation unit with heating or cooling options. It can be equipped with a high-efficiency cross-flow heat exchanger for heat recovery. The product line includes two basic sizes, covering airflow ranges of 5,000 and 8,000 m<sup>3</sup>/h. The OLIMP air handling unit does not require the installation of air distribution ducts. The unit consists of an outdoor unit installed on the roof and an indoor unit located under the ceiling.

The OLIMP unit is a device for use in ventilation systems for large-capacity buildings, including shopping and logistics centers, sports and entertainment facilities, office buildings, and production and warehouse halls.

## Technical specification

- 2 basic quantities
- External (roof) installation
- Device capacity from 5000 to 8000 m<sup>3</sup>/h
- 3 basic types of OLIMP devices:
  - supply and exhaust device with heat recovery in the form of a high-efficiency cross-flow exchanger
  - supply and exhaust device with recirculation
  - air supply device
- Outside air intake with droplet eliminator
- Water, electric or gas heater
- Sheathing and finishing elements made of weather- and corrosion-resistant sheet metal
- Ductless air distribution system
- High separation of supply and exhaust air flows
- G4, M5 pocket filters
- Removable cover plates (for easier operation and servicing of the device)
- The units are equipped with a complete automation system controlling the operation of fans and water heaters, air dampers and swirl diffuser
- EcoDesign 2018 compliant

## Application

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



**Size chart**

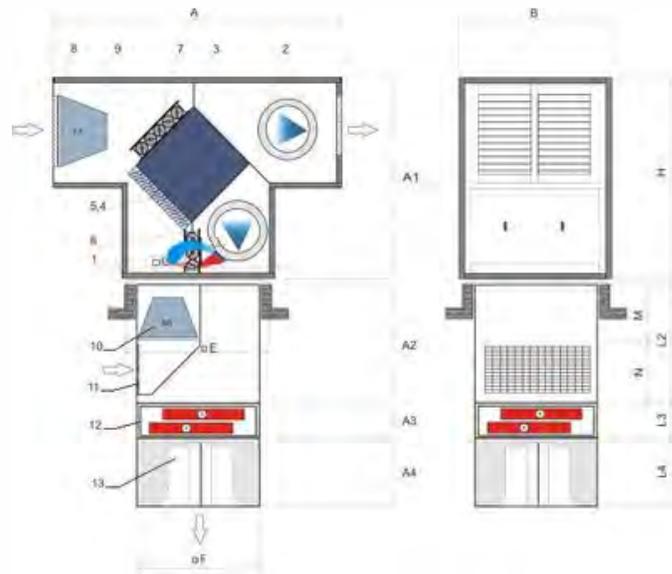
Typ power plants	A	B	A1	A2			A3	A4	C	E	F	WEIGHT A1	WEIGHT A2+A3+A4
			H	M	N	L2	L3	L4					
[mm]												[kg]	
BD-RP-5	2300	1140	1850	1185	415	850	250	600	1660	985	800	670	238
BD-RP-8	2890	1470	2220	555	445	1000	250	650	1890	1285	1100	1100	259

**Technical data**

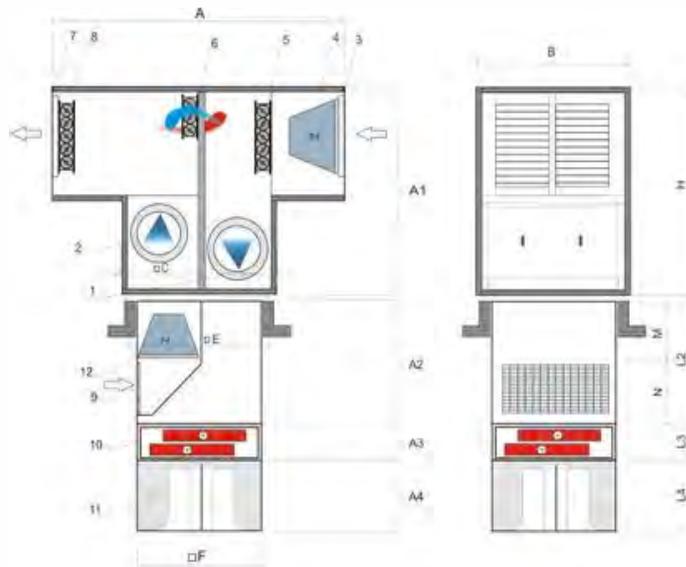
DESIGNATION	Unit	OLIMP BD-RP-5-ECO	OLIMP BD-RP-8-ECO
Nominal capacity (supply/exhaust)	m³/h	5000	8000
Max. heating flux range (ΔT=15K)	m	9	8,8
Max. cooling stream range (ΔT=10K)	m	5,5	5,6
Minimum distance from the wall	m	5	6,5
Minimum distance between air vents	m	9,5	13
Fan motor supply voltage	V	400	
Rated power of supply fan motors*	kW	2,5	3,5
Nominal power of exhaust fan motors*	kW	2,5	3,5
Maximum heater power (2R) at a medium temperature of 80/60°C and an air temperature in front of the heater of 0°C	kW	50	77
Maximum water flow rate	m³/h	2,1	3,3
Water pressure drop in the heater at maximum power	kPa	7,83	5,3
The exchanger operating in cooling mode (2R) with an air temperature in front of the cooler of 32 °Cφ=45% and a medium temperature of 6/12 °C reaches the air temperature behind the cooler.	°C	23	

**Drawing technical**

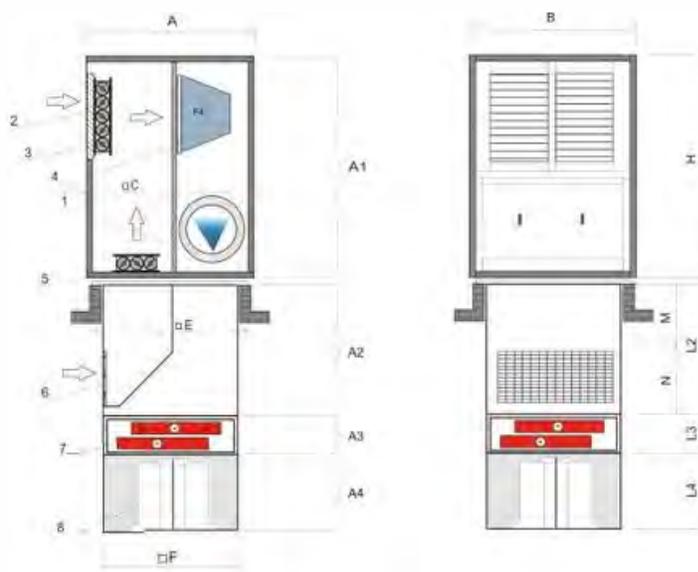
**OLIMP BD-RP-ECO**



**OLIMP BD-NW**



**OLIMP BD-N**



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

# Discover the full capabilities of the device

Thanks to the proprietary automation of VBW Engineering



Our proprietary automation system supports modern solutions for "Smart Homes." This allows our clients to gain complete and easy control over their devices. Our experts offer comprehensive support, including installation and wiring between automation components and the power and control switchboard. We also handle the commissioning of automation systems and all arrangements and activities related to integration with devices and components of other installations.

## PREMIUM+ Automation

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



Full control over the device



Optimization of work and operating costs



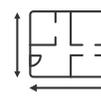
24/7 device availability  
(Remote Service Center)



Inspection reminders



Integration of devices cooperating with control panels



Individual graphics developed based on building designs



Possibility to send E-mail & SMS notifications



Intelligent energy management systems



Smart Homes integrated Smart Home systems



Internet compatibility, access from anywhere in the world

\*additional options available when selecting the device.

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