



NEW DUCTLESS AIR HANDLING UNITS

OPTIMAX TOP

OPTIMAX-TOP

The OPTIMAX-TOP range is a system of energy-efficient, ductless compact air handling units designed to meet increasingly demanding requirements for energy savings and environmental protection. Key advantages of this range include the elimination of ductwork within the building and a reduction in both electrical power consumption and thermal energy generation costs.

FUNCTIONS OF AIR HANDLING UNIT



UNIT TYPES

OPTIMAX-TOP-O

supply and exhaust unit with heat recovery



OPTIMAX-TOP-N

supply unit with recirculation



- 5 unit types, each available in multiple design variants
 - Airflow rates from 1,000 m³/h to 12,000 m³/h
- Heat recovery efficiency up to 90%
 - EC motors
- Plug & Play controls
- Ductless air distribution system
- Individually adjustable supply air stream
- Available in hygienic and standard versions

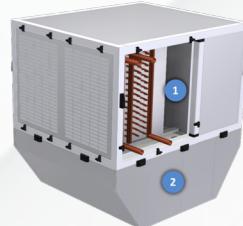
OPTIMAX-TOP-NW

supply and exhaust unit with recirculation



OPTIMAX-TOP-R

recirculation unit with heating and cooling



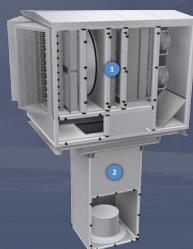
OPTIMAX-TOP-RH

recirculation unit with heating



AHU Components: 1. Basic section 2. Air distributor 3. Ductwork 4. Plenum box 5. Swirl diffuser

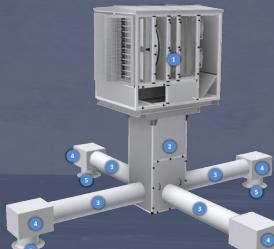
UNIT CONFIGURATION



VERSION WITH 1 SWIRL DIFFUSER



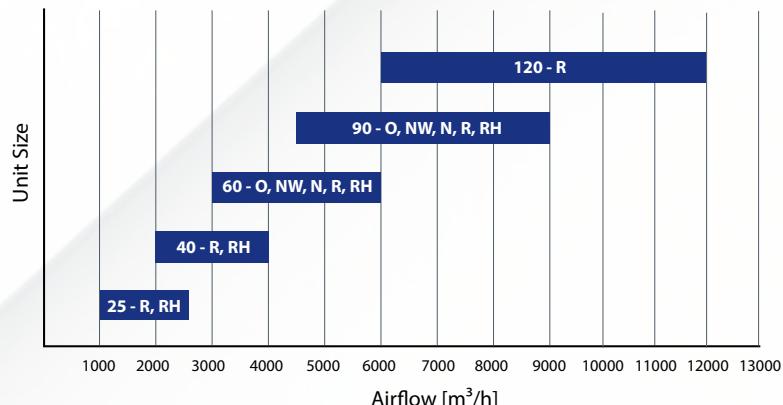
VERSION WITH 2 SWIRL DIFFUSERS



VERSION WITH 4 SWIRL DIFFUSERS

AIRFLOW RANGE

OPTIMAX-TOP-O
OPTIMAX-TOP-NW
OPTIMAX-TOP-N
OPTIMAX-TOP-RH
OPTIMAX-TOP-R



CONTROL SYSTEMS

The **OPTIMAX-TOP** compact units feature innovative Plug & Play control solutions that provide full control over ventilation and air conditioning processes. The OPTIMAX-TOP-O, -NW and -N air handling units come fully pre-wired with a built-in, pre-configured control panel.

The factory-configured Plug & Play control systems provide:

- ✓ User comfort within the building
- ✓ Monitoring of operating parameters
- ✓ Effective management of operating costs
- ✓ Remote monitoring and maintenance of AHUs
- ✓ Proper protection of the system and its operational components



APPLICATIONS



industrial facilities



shopping centres



warehouses

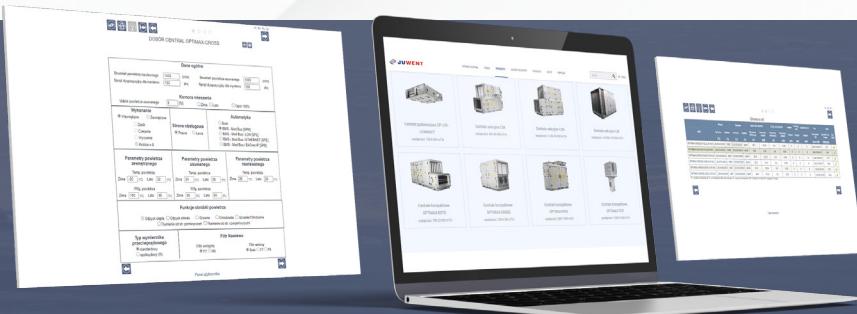


public buildings



sports and recreation facilities

PRODUCT SELECTION PROGRAM



The **OPTIMAX-TOP** unit selection software is available at: www.juwent.com.pl



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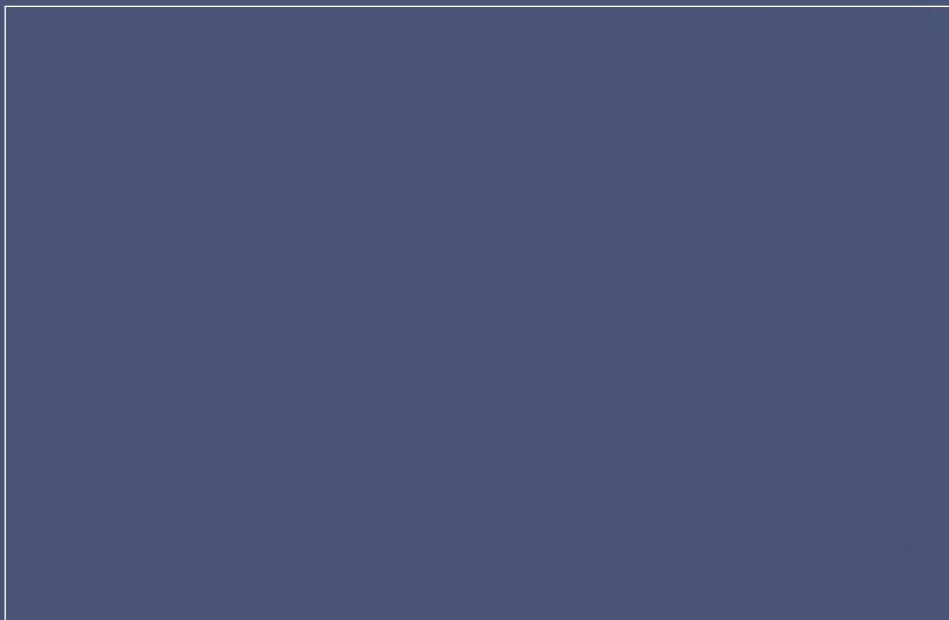
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