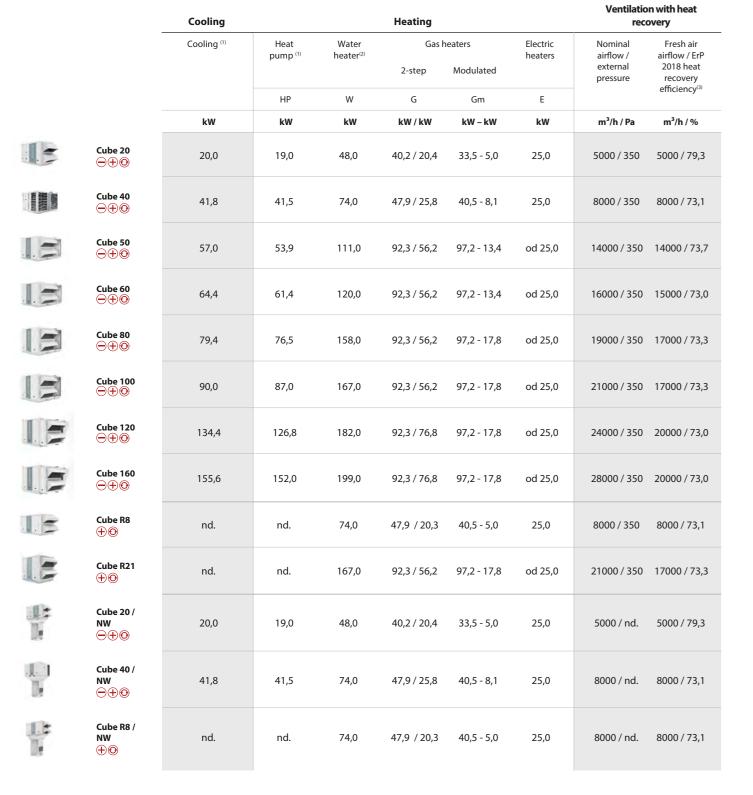
TECHNICAL DATA







ul. Chwaszczyńska 135 81–571 Gdynia

Cube R8 / NW

Cube 40 i Cube R8

Type of building: office-warehouse building

Type of building: production hall

+48 58 627 57 20

export@flowair.pl



Ask for:

- technical data,
- range of units,
- CAD libraries, custom-made solutions.

dobory@flowair.pl









cooling, heating, ventilation

Rooftop Cube











ventilation with heat recovery

(1) Cooling – outside temperature 35°C [TS], inlet temperature 27°C [TS] / 19°C [TM]. Heating – outside temperature 7°C [TS], 6°C [TM], inlet temperature 20°C [TS]. TS - dry thermometer, TM - liquid thermometer, net EER - net cooling capacity / overall power consumption, net COP = net heating capacity / overall power consumption.

(2) Heating medium parameters 70/50°C and inlet air temperature 8°C.

(3) In accordance with UE 1253/2014 regulation. Inlet/outlet air temperature difference 20K, dry air.

We reserve the right to change technical data and design parameters.











ventilation with heat recovery

SAMPLE APPLICATION OF CUBE UNITS

Duct installation

Cube 20 – 160 — 🕀 🛈 Cube R8 – R21 🕂 🛈

Ductless installation

Cube 20 – 40 / NW $\bigcirc \oplus \bigcirc$

Ductless installation

Cube R8 / NW 🕂 🕞





Decentralisation

Using several units instead of one main unit enables independent regulation and increases the reliability of the whole system. It also ensures even, weight distribution on the roof construction.

3 years warranty and on-line access

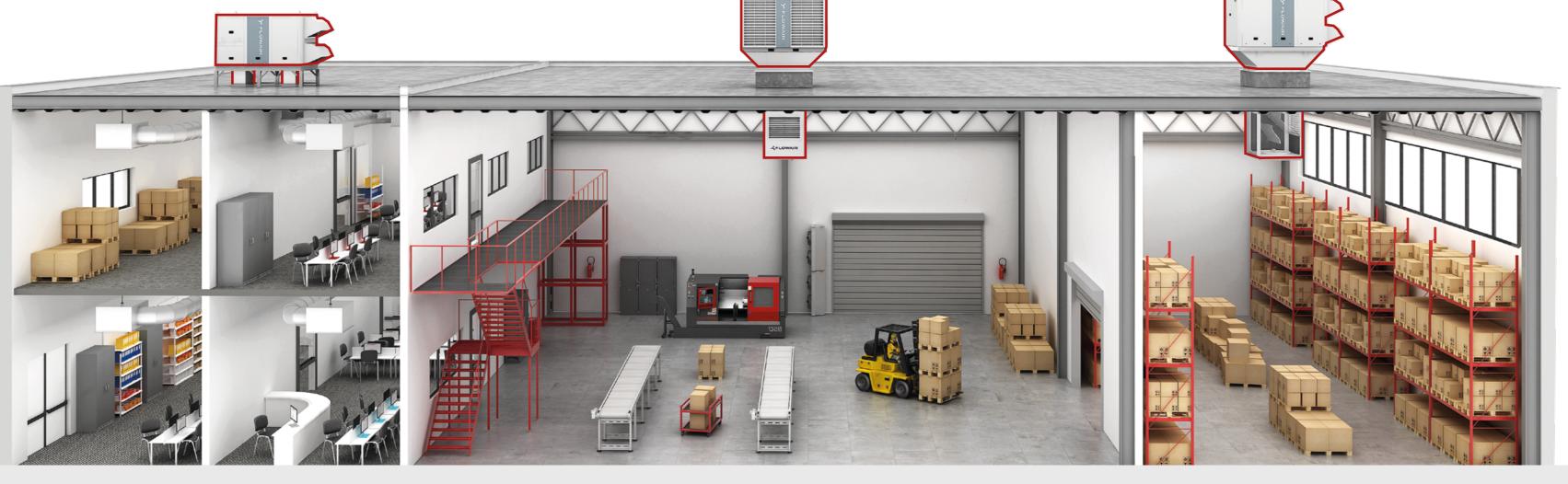
There is an option to monitor and control the device on line with a GSM router and to extend the warranty to 3 years.



()) Ecodesign

Compact

The device fulfills the requirements concerning eco project and ventilation system UE nr 1253/2014, cooling devices UE nr 2016/2281 and is characterized by class A energy



I COMPONENTS



Cooling system: inverter compressors system operates in tandem or in multicircuit mode and allows the user to adjust cooling capacity to variable demand.



Rotary heat exchanger: high heat recovery, installed inside the unit no need to add any external heat recovery units.



EC fans: ensure energy savings and smooth air stream adjustment to the duct installation.



Three-way valve + circulating pump: Cube units with water exchanger are equipped with three-way valve with circulating pump

CONSTRUCTION



Casing: the construction is eliminating thermal bridges and together with 50mm of mineral wool assures minimum heat loss and quiet operation.

Recirculation damper:

and recirculated air.

smooth regulation of fresh



Metal base: direct mounting on substructure and integrated slots for fast and easy lifting.



Transport handle: fast installation and easy lifting without spacing beams.

I SILENT BASE WITH DIFFUSER - NW



Integrated silencer: build in silencer section with isolation panels guarantees lower noise level.



Integrated connections: connect water and electric installations, from the indoor (interior) side, directly to the diffuser module.



Swirl diffuser with 0-10 V actuator: smooth regulation of airstream angle depending on operating mode.



Easy installation: transport handles, inspection panel and roofing included as standard for faster installation.