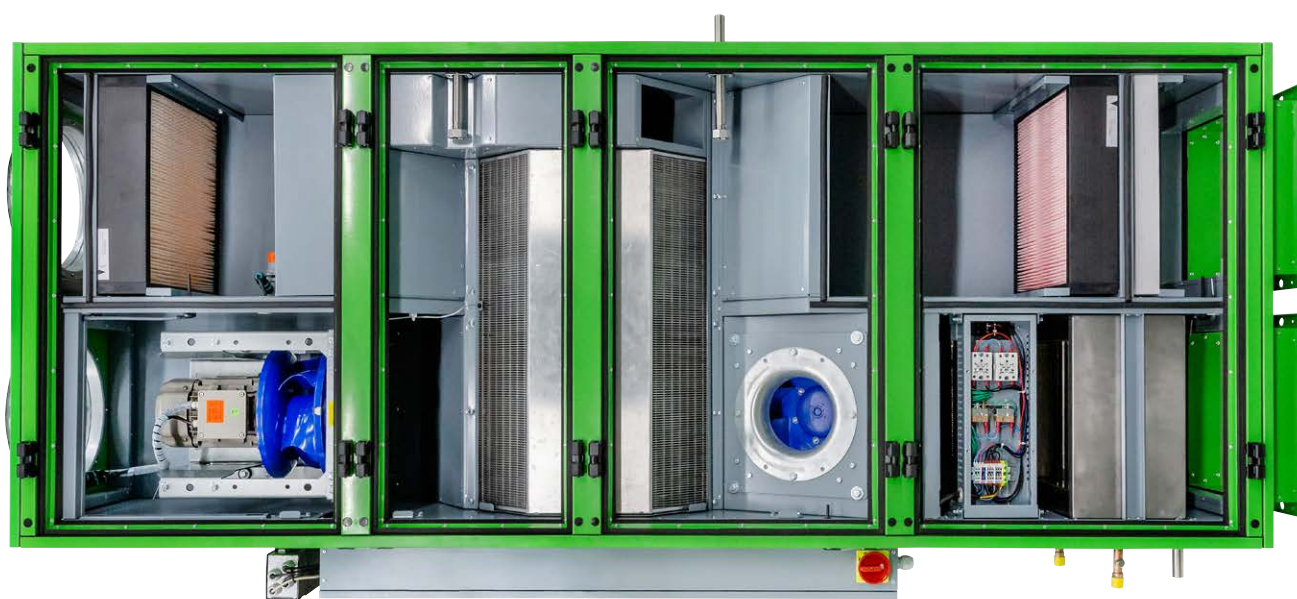




# COMPACT CEILING AIR HANDLING UNIT MANDÍK CPX

The new flat air handler Mandík CPX is a so-called under-ceiling air handling unit with an air output up to 4,500 m<sup>3</sup>/h.

CPX series is fully in dynamic design, same as modular od compact air handlers Mandík. Thanks to its unique software and well-thought-out design, the units can be designed with external dimensions in 1 mm increments. According to the specific requirements for dimensional restrictions, air quality and quantity and interior equipment, the internal components are automatically selected in order to achieve the highest possible efficiency of the unit and to meet the required regulations and certifications. The components are: plate counterflow heat recovery exchanger, supply and exhaust fans, by-pass section including regulating dampers. It is also possible to choose round or square air outlets, equipped with up to two coils for heating and cooling, including control panel and more.



MANDÍK®



## MAIN CHARACTERISTICS:

- Air flow range from 500 up to 4.500 m<sup>3</sup>/h
- Dynamic design with 1 mm increment in sizing for the entire range of air flow
- Two types of cladding according to the classes of thermal transmission and thermal bridges T3 TB2 / T2 TB1
- Thermally separated air chambers in interior of the unit
- Ecodesign according 1253/2014 and ErP 2018
- Plate counter-flow heat exchanger, selectable according to the requirements for minimum efficiency and pressure drop
- Continuous control of recuperation performance, continuous frost protection of the heat exchanger, possibility of "free-cooling"
- EC or AC fans
- Plug & Play device: the unit is completely equipped with the Mandík control system, pre-commissioned/tested
- Designs: galvanized steel, stainless steel, alu-zinc steel, powder coated in any RAL colour
- The position of the connections for the heat exchanger media is located on the front, the position
- Unique sliding door system
- Comfortable and safety access to the unit from the bottom of the unit

