

## Configurable High-Efficiency Heat Recovery Units CADB/T-HE ECOWATT Series

### CADB/T-HE ECOWATT

Compact heat recovery unit with highefficiency (up to 93%) counter-flow aluminium heat exchanger, EUROVENT certified. The casing is made from plasticised galvanised steel in white. Panels are double skinned with thermo-acoustic flameproof insulation (M0), made from 25mm thick fiberglass, 25mm thickness in false ceiling versions (Models 04 to 33) and 47mm in outdoor versions (Models 45 and 100).

Configurable and airtight supply and exhaust spigots, suitable for horizontal and vertical installation.

Minimum outdoor temperature -10°C. For lower temperatures it is necessary to use preheating batteries located in the suction of the outside air.



#### Applications

Commercial premises, offices, restaurants, public buildings, schools.

#### CADB/T-HE D ECOWATT

Heat recovery units without additional incorporated heater.

#### CADB/T-HE DC ECOWATT

Heat recovery units with built-in hot water coil.

The 3-Way valve is provided as an accessory (see accessories table for this series)

#### CADB/T-HE DI ECOWATT

Heat recovery units with built-in electric heater battery.



#### Motors

Models 04 to 33: EC motors with integrated electronic protection, IP44, Class B.

Models 45 to 100: three phase EC motors, IP54 Class B.

#### Fans

Plug-fan with backward curved impeller.

#### Filters

- F7: Low pressure F7 filters (ePM1 70%) for supply air.

- M5: M5 filters (ePM10 50%) for extract air.

- Possibility of mounting a second filter (accessory).

Two pressure switches DPS 2.30 to control the filter pollution are provided with the unit.

It is possible to complement the heat recovery unit with a specific range of water and direct expansion coils. Also available, the exclusive module IAQ with high efficiency VOC's and particles filtration that guarantees the filtration and purification of the outdoor air.

#### Additional information

By-pass electrical supply (1/230V 50Hz) can be actuated by means of a 3 position switch.

Electrical battery supply (1/230V 50Hz) for models 04 to 16, three phase (3/400V 50Hz) for sizes 21 to 100.

Nominal airflows from 450 to 10.000 m3/h.

All versions and models include by-pass.

Mounting flexibility provided by the interchangeable side panels.

## Attributes