

DATA SHEET

**pbx**  
clean cooling

# ecos M24 evo Specifications



Technical Specification valid as of September 2026

# ecos M24evo Specifications

## Cooling Capacity

|                        |        |
|------------------------|--------|
| Cargo Box Temperature  | 0 °C   |
| Ambient Temperature    | 30 °C  |
| Cooling Capacity (ATP) | 1350 W |

## Heating Capacity

|                  |        |
|------------------|--------|
| Heating Capacity | 1070 W |
|------------------|--------|

## Airflow

|                      |                  |
|----------------------|------------------|
| Nominal Operation    | 860 m³/h         |
| High Speed Operation | bis zu 1600 m³/h |

## Weight and Size

|               |                    |
|---------------|--------------------|
| Outer Unit    | 30 kg              |
| (Condenser)   | 781 x 870 x 265 mm |
| Inner Unit    | 10,5 kg            |
| (Cargo Space) | 762 x 726 x 209 mm |

## Recommend Box for Fresh Goods

|         |         |
|---------|---------|
| K = 0,7 | < 10 m³ |
| K = 0,4 | < 14 m³ |

## Power Supply and Consumption

|                               |                                          |
|-------------------------------|------------------------------------------|
| Supply Voltage                | 28 VDC (min 20 VDC,<br>max. 30 VDC)*     |
| Rated electr. power (cooling) | 1150 W                                   |
| City route: 5 Stopps/h        | < 7% of the traction<br>battery capacity |

## Directives and Regulations

- Directive on Machinery 2006/42/EG
- Pressure Equipment Directive 2014/68/EU
- Electromagnetic compatibility directive EMV-Directive 2014/30/EU
- Electromagnetic regulation UN/ECE R10
- EU F-Gas Regulation (EU) 2024/573
- Int. Carriage for Perishable Foodstuffs UNECE/ATP 2024

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