

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)	1350W

Heating Capacity

Heating Capacity	1070 W
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Airflow

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

Weight and Size

Outer Unit (Condenser)	30 kg 781 x 870 x 265 mm
Inner Unit (Cargo Space)	10,5 kg 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, max. 30 VDC)*
Rated electr. power (cooling)	1150 W
City route: 5 Stopps/h	< 7% of the traction 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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