

COTES LIGHTWEIGHT CL26



Lightweight adsorption dehumidifier for mobile and temporary drying

The **CL26** is part of the Cotes Lightweight product family. It is an adsorption dehumidifier developed to meet requirements for low weight, safe manual handling, and easy transport, while maintaining Cotes' proven rotor-based drying principle.

The designation CL26 follows Cotes naming logic: CL refers to Cotes Lightweight, and 26 refers to the rotor size used in the adsorption process.

Cotes Lightweight centres on the CL26 and represents a deliberate design approach compared to traditional fixed-installation Cotes units.

The product range was originally developed to meet strict HSE-related requirements around transport and handling, driven by wind-industry logistics and storage needs. The resulting design has since proven applicable in a wider range of temporary and fast-deployment drying tasks.

A key architectural difference is the cabinet concept: the CL26 is designed using high-performance plastic materials (including recycled plastic) rather than the traditional heavy-duty stainless-steel cabinet approach.

- ✓ **Lightweight design:** Designed for low weight (10,9kg) and practical manual handling in temporary and mobile drying use cases.
- ✓ **Compatible with Window Kit:** Compatible with Cotes Window Kit for quick and easy exhaust of moist air through open window.
- ✓ **Design-led engineering recognition:** The CL26 design has been recognised with a Red Dot Award, reflecting the focus on usability and purpose-designed construction.
- ✓ **Adsorption rotor principle:** Rotor-based adsorption dehumidification for reliable moisture removal across varying ambient conditions.
- ✓ **Two operating points (documented data):** Dry air 350 / 250 m³/h, regeneration air 65 / 40 m³/h, moisture removal 0.8 / 1.1 kg/h, connected load 1.01 / 1.57 kW.
- ✓ **Standardised Modular architecture:** Shares cabinet design, airflow principle and control philosophy with other Cotes Modular units, supporting engineering consistency.