



## RM 85H - Condensing dehumidifier - Suitable for areas up to 250m<sup>3</sup>

Condensing dehumidification is a well-proven method for quickly and conveniently reducing air humidity and thus reducing the humidity of the surrounding materials. El-Björn dehumidifier units are the result of technical development and experience spanning 30 years. The design is well-proven for continuous use in the very demanding construction and rental sector. Condensing dehumidification is used in closed spaces, where the aim is to reduce the moisture content of air in order to get the surrounding materials to release moisture, so that equilibrium is reached. This is a process that can take varying lengths of time, depending on the air humidity and the temperature in the closed space. The process is speeded up considerably by raising the temperature in the premises. One big advantage of a condensing dehumidifier is its energy efficiency, since you get back some of the energy supplied as condenser heat from the cooling circuit. Our models are available in several variants to meet the requirements of different situations.

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## Product benefits:

- Durable Rotomolded housing
- Rotary Compressor
- Fan runs continuously
- Condenser and evaporator made from copper tube with aluminium fins
- Washable Filter to safeguard dehumidification process
- Hot Gas defrost allowing operation down to 3°C ambient
- Same model design for both 110v and 240v
- Stackable
- Easy manoeuvrability due to Robust handle & large diameter wheels
- Compact size allows for 1 man operation
- Lightweight & robust design allows for use in both residential and commercial applications
- High-capacity condensate pump with 3m maximum lift included as standard
- Pump purge switch
- Cable and hose tidies are incorporated into the housing to allow for easy installation and positioning of the equipment
- Run hours meter
- Duct able air outlets

## Technical data

Designation	RM 85H
ArtNo	GBI2160
Incoming Cable Length	5m
Voltage	110 or 240 V
Phase	1
Frequency	50 Hz
Power consumption	680 W
Air flow	390 m <sup>3</sup> /h
Noise level	52 db(A)
Refrigerant	R454C
Working range Temp.	+3 - +35
Protection class	IPX4
Dimensions H x W x D (mm)	945 x 545 x 492
Weight	48 kg
Capacity at 20°C 60%RH	20.2 l/24h
Capacity at 27°C 60%RH	30.0 l/24h
Capacity at 30°C 80%RH	47.9 l/24h

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