

READY, AND ACTION...



NORDMANN **RC4** **DC4**

Space-saving, secure, reliable
And a snap to operate

NORDMANN
ENGINEERING



The NORDMANN RC4/DC4 adapts perfectly to your requirements. It backs up your ventilation system or provides direct humidification in laboratories, conference and storage facilities, offices, humidors, cold stores, wine cellars and galleries.

NORDMANN



Safe and simple

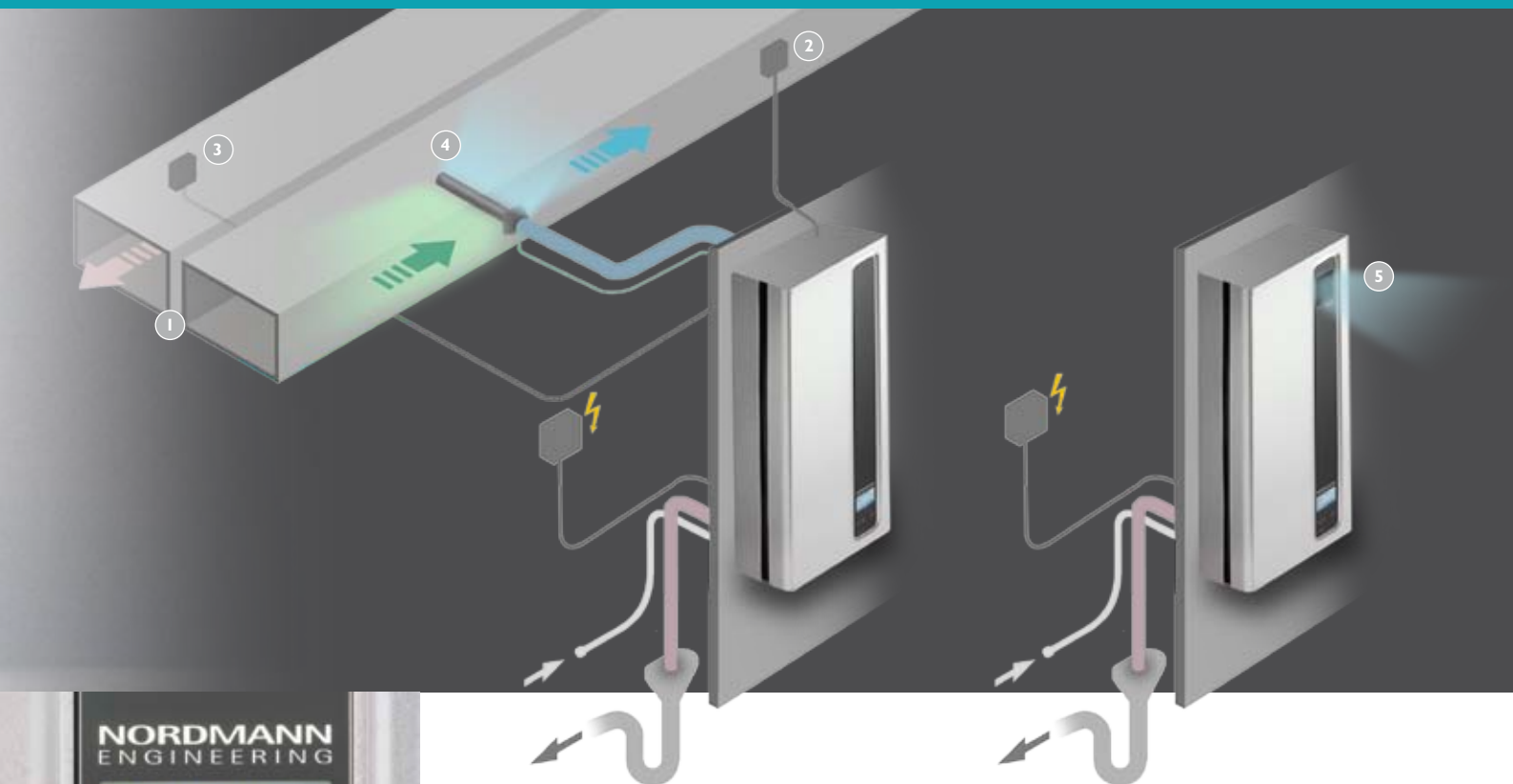
You don't have to be a technical wizard to understand the NORDMANN RC4/DC4: the housing lifts off completely and the cylinder can simply be removed and exchanged. The current-bearing components and electronics are so well protected that it is impossible to touch them when changing the cylinder.

The soul of discretion

Thanks to its simple, clear-cut design, relatively small size and – if desired – concealed water and power connections, the NORDMANN RC4/DC4 blends in perfectly with any environment.

Economy itself

The NORDMANN RC4/DC4 works to maximum efficiency with ordinary, untreated tap water. The integrated water management system ensures that even blowdown operations require a minimum of additional water.



- 1 Air duct
- 2 Humidistat
- 3 Humidity sensor/regulator
- 4 Steam distributor pipe
- 5 Direct room humidification



The system of your choice: duct or direct room humidification

The NORDMANN DC distributes steam via a hose and distributor pipe directly into the duct. The NORDMANN RC with integrated ventilator guarantees perfect steam distribution throughout the entire room. The direction of the stream can be controlled with the help of slats.



Easy to use

On the NORDMANN RC4/DC4, all control values and instructions can be read off from the large liquid crystal display. The desired settings are entered in cleartext using the intuitive menu.

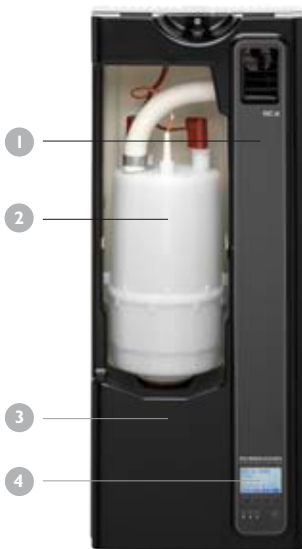
Fast, simple servicing

The humidifier's smart, revolutionary design permits safe, easy replacement of the cylinder. The electronics and other current-bearing components are effectively protected against water and cannot be touched.



Completely cable-free

An optional humidity sensor can be installed which transmits the room's relative humidity level wirelessly to the NORDMANN RC4/DC4, which then automatically adjusts output.



- 1 **Powerful control electronics**
- 2 **Steam cylinder**
- 3 **Water inflow and outflow**
- 4 **User-friendly keypad and display**

Characteristics	RC4	DC4
Built-in fan for direct room humidification	●	
Steam connection for duct humidification		●
5-line graphic display	●	●
Multilanguage, user-friendly menu structure	●	●
Adjustable de-scaling modes	●	●
Real time clock	●	●
Timer programming	●	●
Internal PI controller	●	●
Self-diagnostic system	●	●
Control signal input	●	●
Mounting bracket for easy installation	●	●
Remote operation and fault indication	■	■
Hose set for concealed mains connections	■	■
Wireless humidity sensor control	■	

● Standard ■ Option

Technical data RC4 DC4

	NORDMANN RC4		NORDMANN DC4	
Heating voltage	230V I ~/50..60Hz 240V I ~/50..60Hz 200V2 ~/50..60Hz			
Steam output	2 kg/h	4 kg/h	2 kg/h	4 kg/h
Max. electrical output	1.6 kW	3.1 kW	1.6 kW	3.1 kW
Fan air volume	22 m³/h			
Sound pressure level	37 dB(A)			
Max. room size (guideline)	200 m³	400 m³		
Operating weight empty	6.2 kg			
Operating weight filled	11 kg			
Dimensions (W x H x D)	265 mm x 650 mm x 175 mm			
Control signals	On/Off (24VDC), 0-5VDC, 1-5VDC, 0-10VDC, 0.20mA, 4-20mA			
Water quality	untreated drinking water with a conductivity of 125..1250µS/cm			
Admissible water pressure	1..10 bar			
Admissible water temperature	1..40 °C			
Admissible ambient temperature	1..40 °C			
Admissible ambient humidity	max. 75 %rF			
Admissible duct air pressure			-0.8..0.8 kPa	
Protection	IP20			
Conformity	CE,VDE, GOST			

RC = for direct room humidification

DC = for duct humidification