

Steam humidifier **econoVap**

NORDMANN ENGINEERING



**Economic efficiency
combined with Swiss
reliability – the new
econoVap from
Nordmann Engineering AG**

- Steam capacity 4–65 kg/h
- Interface for individual configuration via PC
- Robust non-rusting Alu-Zinc casing
- Frontal access to all components for easy service and maintenance
- 2 colour LED to indicate operating and error messages
- Proven Nordmann cylinders with fully protected electrodes
- Hydrodynamic fill-system
- Electronic compartment separated from water part

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ENGINEERING

econoVap

Air humidity is in many areas decisively for a healthy and pleasant climate; for humans, animals, plants, food, technology.

Electrode type humidifiers produce sterile and odorless steam, free of minerals, perfectly hygienic also for applications in the medical and clean room sector.

The econoVap line from Nordmann Engineering AG also suits a small budget, uncomplicated and easy to use. A capacity range of 4–65 kg steam per hour is available in two different casings – of course in the proven quality from Nordmann Engineering AG, Switzerland.

Economical – reliable – professional: the econoVap from Nordmann Engineering AG

Technical specifications econoVap

Type mark:	Type	434			834			1534		2364		3264		4564		6564	
Heating voltage	Volt	400 Volt, 50/60 Hz															
Number of phases	~	3			3			3		3		3		3		3	
Heating current	A	4.4			8.8			16.5		25.2		35.1		49.4		71.3	
External fuses p. phase	A	10			16			25		40		50		80		100	
Type mark:	Type	422			822			832		1532		2362		3262			
Heating voltage	Volt	230 Volt, 50/60 Hz															
Number of phases	~	1	3		1	3		3	3		3	3					
Heating current	A	13.2	7.6		26.4	15.3		28.6	43.9		61.0						
External fuses p. phase	A	20	16		40	25		40	63		100						
Steam output	kg/h	4	4		8	8		15	23		32	45		65			
Minimum capacity	kg/h steam	0.8	0.8		1.6	1.6		3	4.6		6.4	9		13			
Nominal power	kW	3.0	3.0		6.1	6.1		11.4	17.5		24.3	34.2		49.4			
Design data:																	
Dimensions	width mm	354	354	354	354	490	490	490	490	490	490	490	490	490	490	490	490
	height mm	562	562	562	562	672	672	672	672	672	672	672	672	672	672	672	672
	depth mm	210	210	210	210	340	340	340	340	340	340	340	340	340	340	340	340
Steam outlet diameter	mm	1x22	1x22	1x22	1x22	1x35	1x35	1x35	1x35	2x35	2x35	2x35	2x35	2x35	2x35	2x35	2x35
Weight (empty)	kg	11.5	11.5	12	12	20	21	22.5	24	24	24	24	24	24	24	24	24
Operating weight	kg	15	15	18.5	18.5	35	36	47.5	49	49	49	49	49	49	49	49	49
Accessories:																	
Humidity controller	qty	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Control electronics:																	
Supply voltage	Volt	220–240 Volt, 50/60 Hz, 1~															
Proportional adaptor	qty	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Steam distributors for duct use:																	
Steam nozzle	qty	1	1														
22–xxx mm	qtv	1	1	1	1												
35–300 mm	qty							1									
35–450 mm	qty							1	1			2					
35–600, 35–900 mm	qty							1	1	1		2	2				
35–1200, 35–1500 mm	qty																
Steam hose:																	
Ø 22/29 mm	qty x m	1	1	1	1												
Ø 35/43 mm	qty x m						1	1	1	1	2	2					
Condensate hose:																	
Ø 6/10 mm	qty x m	1	1	1	1	1	1	1	1	1	2	2					
Steam blowers for direct room humidification																	
Split mounted	qty	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Other heating voltages on request.

Manufacturer:

Nordmann Engineering AG

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Your local Nordmann dealer:

Operating Conditions

Waterpressure: 1–10 bar (0.1–1 MPa)

Water conductivity: min. 125 to max. 1250 microSiemen/cm

Operating pressure: 0 bar (pressureless)

Air pressure in the duct: +/- 1000 Pa

Ambient temperature: 1–50°C

Max ambient humidity: 80% rh

Degree of protection: IP21



Quality

All components undergo continuous testing by the manufacturer, thereby guaranteeing the high quality of our products. Nordmann Engineering AG is certified according to ISO 9001:2000 and its production facilities are regularly inspected by TÜV Product Service.

Subject to change without prior notice.