

The AT 3000 D series of steam-bath generators

NORDMANN ENGINEERING



Steam-bath generators
of the highest standard:
the AT 3000 D
from NORDMANN.

- Autosensitive temperature control
- Self-cleaning system
- Stainless steel cabinet

NORDMANN
ENGINEERING

The AT 3000 D series: high on performance, yet easy to operate



Remote control unit
for surface mounting

The advantages of the AT 3000 D series at a glance:

- Capacity range from 4 to 45 kg/h in 6 sizes
- Switching of cabin light 24 V
- Control of perfume pump 230 V. Injection interval and duration can be set by the customer.
- Connection of an air-supply fan 230 V
- Control of an exhaust fan 230 V. Variable pre- and post-running times. Factory settings: 2 and 15 minutes respectively.
- Display of the cabin temperature
- Temperature setpoint adjustable between 35° and 55°C
- Service level
- Program level

Options:

- Remote control unit for surface mounting at up to 1.2 km distance. Connection with a 4-core cable only.
- Remote control unit for flush mounting at up to 1.2 km distance. Connection with a 4-core cable only.
- Temperature sensor
- Steam-bath nozzle
- Perfume pump
- Time-switch



Remote control unit
for flush mounting

Steam-bath generators of the highest standard!



Housing of **stainless steel**.

Frontal access to all components.

Liftable filling cup for higher counter-pressure.

User-friendly keypad and display.

The operator gets to the right information in a matter of seconds.

Large LED display for ease of reading.

The autosensitive temperature control allows a continuous steam output and a constant temperature: when the cabin temperature nears the temperature setpoint, the electronic controls unit automatically reduces the steam capacity.

Programmable perfume injection.

Programmable pre- and post-running times of the exhaust fan.

The patented SC-System (self-cleaning system), which is fitted as standard to the AT 3000 D range, greatly lengthens the service life of the cylinder.

The drainage valve has a large outlet diameter for **optimal drainage operations**.

The service level enables a rapid check of operation parameters and components.

The program level allows the generator to be matched to a wide variety of conditions or to the particular needs of the customer.

The RS 485 interface provides a link to building management systems.

NORDMANN
ENGINEERING

Technical specifications

AT 3000 D series

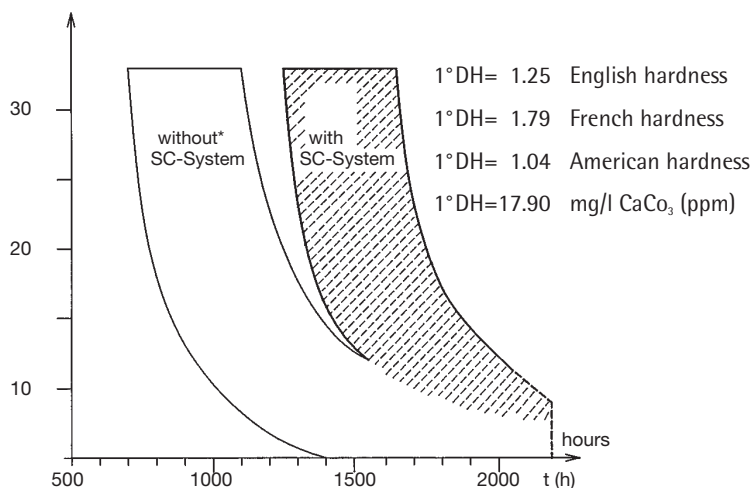
Type mark:	Type	424	434	824	834	1534	2364	3264	4564
Heating voltage*	Volt	400 V, 50/60 Hz							
Number of phases		1	3	1	3	3	3	3	3
Heating current	A	7.5	4.3	15.3	8.8	16.5	25.3	35.1	49.4
Type mark:	Type	422	432	822	832	1532	2362	3262	
Heating voltage*	Volt	230 V, 50/60 Hz							
Number of phases		1	3	1	3	3	3	3	
Heating current	A	13.0	7.5	26.5	15.3	28.6	43.9	61.0	
Steam output	kg/h	4	4	8	8	15	23	32	45
Nominal power	kW	3	3	6.1	6.1	11.4	17.5	24.3	34.2
Control voltage**	Volt	220-240 V, 50/60 Hz							
Construction data:									
Steam cylinder	qty	1	1	1	1	1	1	1	1
Dimensions	width mm	390	390	390	390	470	470	525	525
	height mm	585	585	585	585	645	645	715	715
	depth mm	230	230	230	230	305	305	360	360
Weight (empty)	kg	11	11	12	12	17	18	28	29
Operating weight	kg	14.5	14.5	18.5	18.5	32	33	53	54
Steam hose:									
Ø 22/29 mm	qty x m	1	1	1	1				
Ø 35/43 mm	qty x m					1	1	1	2

* Standard heating voltage 400 V (380-415) or 230 V (220-240), 50/60 Hz.
Also available: 200, 208, 277, 347, 440, 460, 480 and 500 V.

** Standard control voltage 220-240 V, 50/60 Hz. Other control voltages on request.

Lifetime of a steam cylinder at 100% capacity

°DH German hardness



* but with periodical flushing of the cylinder

Nordmann Engineering AG
Hofackerstrasse 55
CH-4132 Muttenz/Switzerland
Tel. +41-61-467 76 66
Fax +41-61-467 76 77

NORDMANN
ENGINEERING

Operating conditions

Water pressure: 1–10 bar (0.1–1 MPa).

Water conductivity: 125–1250 micro-siemens/cm.

Operating pressure: 0 bar (pressureless).

Counter-pressure: +/- 1000 Pa (+/-100 mm water-head), suitability for higher pressure on request.

Ambient temperature: 1°–50° Celsius, suitability for higher temperature on request.

Protection degree: IP 43 (electric panel), IP 23 (hydraulic part).



Guarantee

Two years' warranty on design and materials (excluding parts subject to normal wear and tear). As part of its policy of continuous improvement, NORDMANN reserves the right to make technical modifications without prior notice.

All components undergo continuous checks by the manufacturer, thereby guaranteeing the high quality of these humidifiers. NORDMANN has obtained the ISO 9001 certificate, and its production facilities are regularly inspected by the German TÜV.