

THE STEAM
GENERATOR
FOR TOUGHER
CHALLENGES



NORDMANN Omega Pro

Ideal for any quality of water
Dependable, intuitive and service-friendly
Patented scale management

NORDMANN
ENGINEERING



Integrates seamlessly

NORDMANN Omega Pro comes with all the common ports to enable its easy integration into building management systems (BMS), including Modbus, BACnet, etc.

Modbus®

 BACnet

NORDMANN Omega Pro



High capacity and unwavering dependability

Especially commercial and large steam bath installations require steam generators with sufficient capacity and dependable reliability. Nordmann Engineering designed the Omega Pro, which makes use of ohmic heating, specifically for such applications.

Using demineralized water you can install the **Omega Pro VE** (without scale management)



Patented lime scale management

Omega Pro's patented lime scale management employs a unique external scale collection tank. The system discards lime scale from the steam cylinder, moving it to the tank, which empties easily.



Lime scale collection sump

The scale collection tank removes by service personnel easily without the need to open the unit.



Designed to prevent scale build-up

In the water inlet and outlet areas, the system keeps the temperature so only a minimum of lime scale has a chance to accumulate in the lines, ensuring uninterrupted operation.



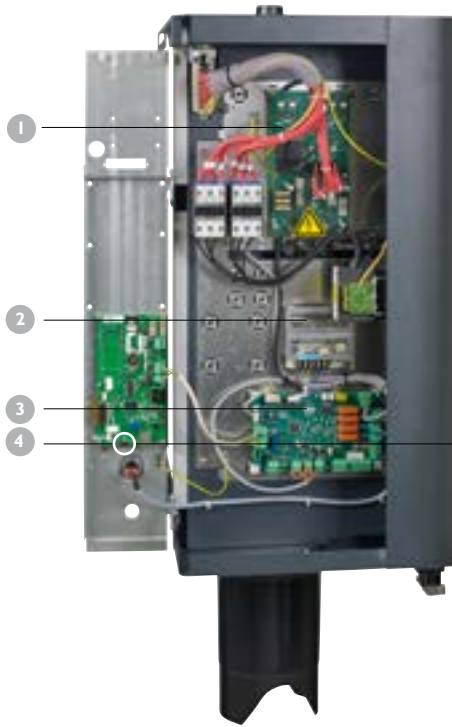
Touchscreen display

Thanks to an intuitive menu, the unit operates with ease, providing full-text fault messages for better interaction with the steam unit.

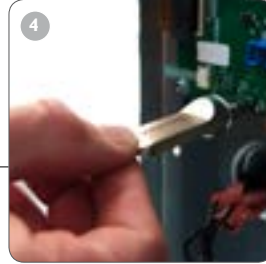
NOTE: There is no integral steam bath control system.



The filling cup is certified for compliance with the latest DVGW regulations, meaning the steam generator can connect to the input water line without the need for a disconnecter:



- 1 **Power board with semiconductor for precise control**
- 2 **24V power pack for internal control voltage**
- 3 **Driver for control valves and pumps**
- 4 **USB port for software updates**



System Features and Components

	Standard	VE	Option
Scale management	■		
Scale deposition container	■		
Cold water zone	■		
Touch Control	■	■	
Multilingual, user-friendly menu	■	■	
Program, service and information levels	■	■	
Fine steam capacity control	■	■	
Real time clock / Timer programming	■	■	
Div. control signals (0-10V and more)	■	■	
Stainless steel cylinder	■	■	
Drainage pump	■	■	
RS482 interface with Modbus / BACnet IP	■	■	
Terminals	■	■	
Installation material	■	■	
RFI Remote and failure indication relay			■
Mounting frame			■
BMS interface LonWorks			■
Drainage water cooling/ Hygiene flush			■
CVI integrated control voltage 230V			■
TR Transformer 400V to 230V			■
Insulation steam cylinder			■
Valve for automatically total drainage (Hygiene)*			■
Overpressure security valve			■

* only Omega Pro



- 1 Corrosion-resistant stainless steel cylinder**
- 2 Long-lasting heating elements**
- 3 Chilled in- and outlets prevent scale build-up**
- 4 Touch control permits fine adjustment of steam output**
- 5 Galvanized steel housing with powder-coated finish**
- 6 External scale collector tank**

Technical Data

Steam output	kg/h	5	8	10	16	20	24	30	40	50	60	80
Rated power	kW	3.8	6.0	7.4	12.0	14.9	18.0	22.5	30	37.5	44.6	60
Units	Quantity	1	1	1	1	1	1	1	1	2	2	2
Omega Pro Dimensions with scale management	Width mm	420	420	420	530	530	530	530	530	2x530	2x530	2x530
	Height mm	997	997	997	1097	1097	1097	1097	1097	1097	1097	1097
	Depth mm	370	370	370	413	413	413	413	413	413	413	413
Nettogewicht	kg	27.2	27.2	27.2	40.3	40.3	40.3	40.3	40.3	2x40.3	2x40.3	2x40.3
Betriebsgewicht max.	kg	40.2	40.2	40.2	65.8	65.8	65.8	65.8	65.8	2x65.8	2x65.8	2x65.8
Omega Pro Dimensions without scale management	Width mm	420	420	420	530	530	530	530	530	2x530	2x530	2x530
	Height mm	670	670	670	780	780	780	780	780	780	780	780
	Depth mm	370	370	370	413	413	413	413	413	413	413	413
Net weight	kg	26	26	26	39.1	39.1	39.1	39.1	39.1	2x39.1	2x39.1	2x39.1
Operating weight	kg	34	34	34	59.6	59.6	59.6	59.6	59.6	2x59.6	2x59.6	2x59.6
Heating voltage	3x200V / 1x230V / 3x400V / 3x415V / 3x440V / 3x460V / 3x480V / 3x500V / 3x600V											
Control voltage	230VAC/1 Ph, 50-60Hz											
Type of protection	IP21											
Conformity	CE, VDE, DVGW											