

CLIMATE COMFORT | CIVILIAN, RESCUE AND DISASTER OPERATIONS

POLARN – PORTABLE FUEL-POWERED HEATERS



POLARN



A WORLD OF COMFORT







POLARN – MOBILE HEAT AT THE RIGHT TIME IN THE RIGHT PLACE

The compact Polarn heater provides heat wherever it is needed. The compact, diesel-fueled heating system is easy to transport and is ready to use in a very short space of time. It is the ideal solution for rescue teams, service work, and other similar purposes. Wherever a flexible and uncomplicated heating solution is needed to dispel the cold, in order to ensure people's well-being and to protect technical equipment and other goods.

PORTABLE HEATING TECHNOLOGY FROM EBERSPÄCHER:

- High heating performance
- Rapid readiness for use
- Mobile and versatile
- Runs quietly
- Low fuel and electricity consumption
- No maintenance

WIDE RANGE OF APPLICATIONS:

- Heat source for accident victims and other injured people
- Use in rescue work/operations (fire departments, police, technical assistance services, etc.)
- Service/maintenance work (telecommunications installations, pipework installations, power supply, etc.)
- Emergency heating/pre-heating of tents used by aid organizations (Red Cross, UNICEF) and in military camps (armed forces, NATO)
- Heating for containers
- Heating buildings or areas that are sensitive to frost or moisture
- Heating tents and awnings on campsites, also work tents
- Heating summer houses and rural buildings

Other model variants and special designs available on request





TECHNICAL DATA

POLARN – MOBILE HEATING TECHNOLOGY



POLARN 4000 (DIESEL VERSION)

Control/heat settings		Power	High	Medium	Low	Off
Heat flow	W	4,000	3,000	2,000	900	–
Heating air throughput – without back pressure	kg/h	180	150	110	60	24
Fuel consumption	l/h	0.51	0.38	0.25	0.11	–
Electric power consumption	V	12/24	12/24	12/24	12/24	12/24
When running	W	40	24	13	7	5
When starting	W	≤ 100	≤ 100	≤ 100	≤ 100	≤ 100
Weight	kg	approx. 11				
Tank capacity	liters	5				
Technical designation		Polarn 4000 (12 V)	Polarn 4000 (12 V/230 V)		Polarn 4000 (24 V)	
Order number		24 9988 00 0020	24 9988 00 0021		24 9988 00 0022	
Technical features		<ul style="list-style-type: none"> ▪ Fully automatic 4-stage control ▪ Permanent function control via status display ▪ Low electricity and fuel consumption ▪ Ventilation possible as an option ▪ Simple installation ▪ Undervoltage switch-off ▪ No maintenance 				
Equipment		The Polarn 4000 is fully equipped with a fuel tank, a 1.5-m-long and 90-mm-diameter air hose, an exhaust pipe, a connecting cable for battery or 230-V connection, and a carry bag for the hot air hose.				

Accessories and other model variants available on request.



TECHNICAL DATA

POLARN – MOBILE HEATING TECHNOLOGY



POLARN 8000 (DIESEL VERSION)

Control/heat settings		High	Low
Heat flow	W	8,000	3,500
Heating air throughput – without back pressure	kg/h	310	
Fuel consumption	l/h	1.05	0.4
Electric power consumption		At 12 V	At 24 V
When running	W	115	115
When starting	W	330	380
Weight	kg	approx. 26	
Technical designation		Polarn 8000 (12 V)	Polarn 8000 (24 V)
Order number		24 9988 00 0032	24 9988 00 0033
Technical features		<ul style="list-style-type: none"> ▪ Fully automatic 2-stage control ▪ Permanent function control via status display 	<ul style="list-style-type: none"> ▪ Simple installation ▪ Undervoltage switch-off ▪ No maintenance
Equipment		The Polarn 8000 is fully equipped with a connector cable for the battery, an air hose, an exhaust pipe, a temperature sensor, and a carry bag for the hot air hose and fuel line.	

Accessories and other model variants available on request.



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