

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"> <li>▪ Fully automatic 4-stage control</li> <li>▪ Permanent function control via status display</li> <li>▪ Low electricity and fuel consumption</li> </ul>				<ul style="list-style-type: none"> <li>▪ Ventilation possible as an option</li> <li>▪ Simple installation</li> <li>▪ Undervoltage switch-off</li> <li>▪ No maintenance</li> </ul>
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"> <li>▪ Fully automatic 2-stage control</li> <li>▪ Permanent function control via status display</li> <li>▪ Simple installation</li> <li>▪ Undervoltage switch-off</li> <li>▪ No maintenance</li> </ul>	
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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