

Military version

Warm Air Heater " Defender "

Heating medium oil, diesel, kerosene



Application

- ☒ Exhibition halls
- ☒ Construction site heating
- ☒ Site drying
- ☒ De-icing
- ☒ Event rooms
- ☒ Marquees
- ☒ Airplane hangars
- ☐ Horticulture
- ☐ Grain drying
- ☐ Greenhouses
- ☒ Rooms for commercial use
- ☐ Industrial halls
- ☒ Storage rooms
- ☐ Agriculture
- ☒ Centres of logistics
- ☐ Production facilities
- ☒ Protection spaces
- ☒ Sports halls
- ☐ Stable heating
- ☐ Tennis halls
- ☐ Air domes
- ☒ Event tents
- ☐ Consumer markets
- ☒ Workshops

Mobile, strong, reliable

Our warm air heater is characterised by optimum controllability and load capacity (narrow doors and construction site facilities, difficult terrain). High supply reliability, fast heat in the right place due to targeted air control.
Checked by Safety Standards Authority as per DIN 13842



Approved standard technology:

- ☐ Oil burner
- ☐ One-line oil filter with ventilation
- ☐ Burner hood with oil drip tray
- ☐ Switch box
- ☐ High-efficiency fan for high air output and pressure
- ☐ Heat exchanger steel extremely heat-resistant
- ☐ Double layer outer casing to insulate against heat loss
- ☐ Strong chassis for difficult grounds
- ☐ Adapter for recirculation
- ☐ Exhaust system
- ☐ Operating hour meter
- ☐ Oil intake fitting
- ☐ Socket for CO sensor
- ☐ Room thermostat with cable and plug
- ☐ Movable by crane
- ☐ Forklift pockets
- ☐ Varnish possible in any RAL colour



Defender 40 in RAL 6006 grey olive

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see also back page

Technical Data

Type

Defender 40

Heat output max.	kW	38,0	Electric connection	V/Hz	230 / 50
Heat output min.	kW	20,0	Motor capacity	kW	0,56
Air output 0 Pa	m3/h	2.200	Electrical power max.	W	1055
Air output 150 Pa	m3/h	1.825	Sound level (3m)	dB(A)	60
Current consumption	A	4,6	Length	mm	1.570
Fuel		oil / diesel / kerosene	Width	mm	630
Fuel consumption	l/h	max. 4,2	Height	mm	990
Efficiency	%	> 85	Diameter air exhaust port	Ø mm	300
Field of application	°C	-40 / +30	Diameter flue gas port	Ø mm	150
Blow-out temperature max.	°C	80	Weight (without accessories)	kg	129

Subject to changes of dimensions and technical data (Version 2025-04)

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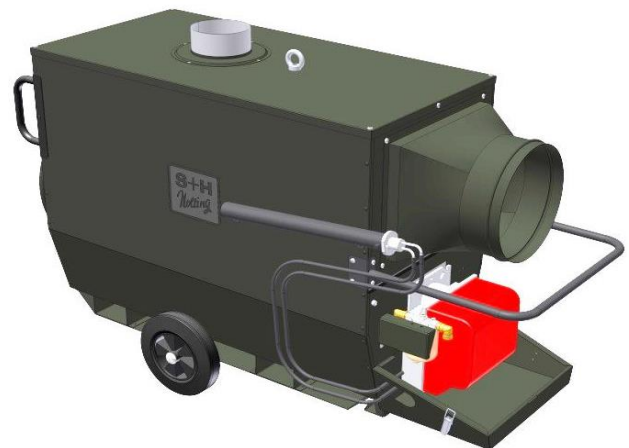
with radial fan
for high air output and pressure
in RAL 6006 grey olive



Radial fan / Adapter for recirculation / Burner hood



Varnish possible
in any RAL colour



Oil burner / Oil intake fitting / Oil drip tray



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Control panel
