

Air heaters D1LC

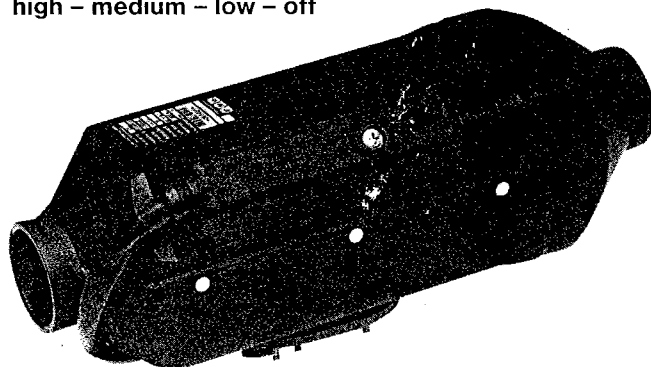


® Eberspächer

Technical Description
Installation Instructions
Operating Instructions

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**Air heaters independent of engine,
D1LC for Diesel fuel
with heating capacity control
high – medium – low – off**



	Cat. No.
Basic heater	12 V 25 1774 05 00 00
with standard equipment	24 V 25 1775 05 00 00

Universal installation kit and Control elements must be ordered separately as additional equipment, see page 2. See Additional Equipment Catalog for further accessories.

Specifications

Heating medium	Air
Hot air throughput without counter-pressure ¹⁾	High / Medium / Low 110 70 70 kg/h ± 10 %
Heating capacity ¹⁾	High / Medium / Low 1800 1200 850 W ± 10 %
Heating capacity control	High – Medium – Low – Off
Fuel	Diesel fuel (commercially available)
Fuel consumption ¹⁾	High / Medium / Low 0.21 0.14 0.10 l/h ± 10 %
Rated voltage	12 V or 24 V respectively
Operating range	
Minimum voltage ²⁾	10 V or 20 V respectively
Maximum voltage ³⁾	14 V or 28 V respectively
Electric power consumption ¹⁾	at start 12 V = 250 W ± 10 % after about 50 seconds: 24 V = 490 W ± 10 % In High / Medium / Low operation 30 20 20 W ± 10 %

Ventilation operation	possible with suitable circuits
Radio interference suppression	remote, additional suppression measure possible
Weight	approx. 3.5 kg

¹⁾ at rated voltage

²⁾ an undervoltage safety device built into the control unit switches off the heater at around 10.5 V or 21 V respectively.

³⁾ an overvoltage safety device built into the control unit switches off the heater at around 15 V or 30 V respectively.

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Scope of delivery

Item	Qty.	Designation/Cat. No.
1 - 6	1	Basic heater with standard equipment 12 V 25 1774 05 00 00 24 V 25 1775 05 00 00

The standard equipment comprises:

1	1	Basic heater 25 1774 01 (12 V) 25 1775 01 (24 V) (not available alone)
2	1	Control unit
3	1	Holder for control unit
4	1	Metering pump with built-in fuel filter
5	1	Relay

To be ordered in addition:

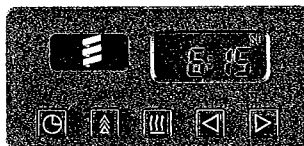
-	1	Universal installation kit 25 1774 80 00 00 (Cable harness heater to control unit 600 mm long)
or	1	Universal installation kit 25 1774 81 00 00 (Cable harness heater to control unit 2 m long)
6	1	Operating unit 25 1767 71 01 00 00 - 12 Volt 25 1768 71 01 00 00 - 24 Volt

Optional timers



Heater timer with fasteners

Cat. Nos.
12 V 25 1482 89 19 00
24 V 25 1483 89 02 00



Heater timer

Cat. Nos.
12 V 25 1482 89 25 00
24 V 25 1483 89 10 00

(fasteners only required for installation with screen)

Cat. No.
25 1482 70 01 00



External temperature sensor

25 1774 89 03 00

Cable section (4 m)

25 1482 89 40 00

Please note:

The external temperature sensor must be used in fresh-air operation. It is used instead of a room thermostat for temperature control. Other room thermostats must not be used for D1L C heaters. For operation see page 11, for connection the wiring diagrams on pages 12/13.

See Additional Equipment Catalog for further accessories.

