

A FEW PRACTICAL BENEFITS:

- Particularly economic solution for standard oil heating
- Integrated fuel tank with liquid level indication
- Electronic flame trap
- Overheating protection
- Stainless steel combustion chamber
- Integrated thermostat with dual display for actual and nominal value
- Connection for external thermostat
- Carriage for an easy change of location

Trotec has the optimum oil heating unit on offer for your requirements:



The oil heater fans of the IDE series are cost-effective solutions with sound technology for typical standard heating tasks with direct, on-site warmth.



In contrast, the robust oil heater fans of the IDS pro series with their high air flow rates of up to 12,500 m³/h were also designed for flexible heating applications over longer distances covered by warm air hoses.



Moreover, our ID oil heating units constitute a pro series, which was especially adapted for the toughest practical requirements in harsh surroundings and is particularly suitable for demanding rentals at various sites.

ID oil heating units can be found from page 50 and IDS oil heater fans from page 52 onwards...

IDE Oil heater fan

Space heater and sensational bargain in one – the reliable, cost-effective solution for typical oil heating applications on construction sites, in halls and workshops or in agriculture.



Thanks to their durable housing made of doubly coated material, these oil heater fans are optimally prepared for outdoor heating applications.

The large air outlet ensures a maximum expansion of warm air with high efficiency, which amounts to 100 % in case of the directly fired models.

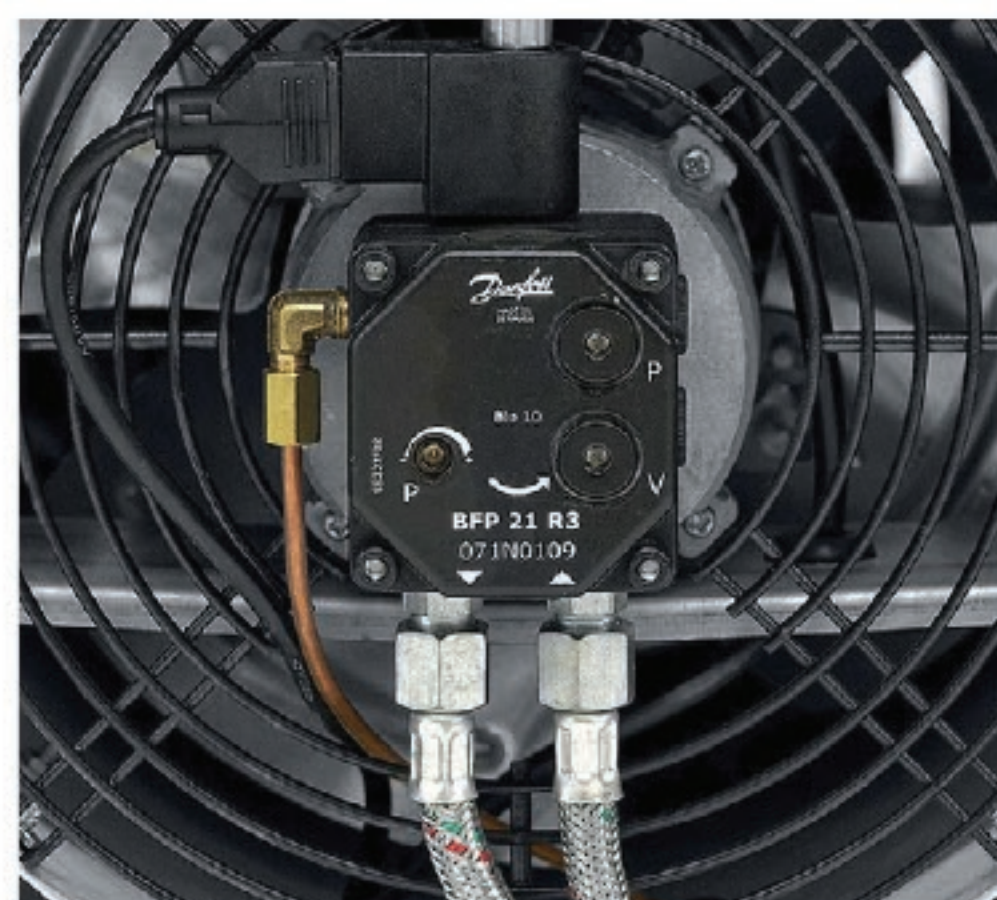


Trotec
Rental Division

You need to rent an oil heater on a short-term basis?

Use the quick and cost-effective rental solutions from Europe's leading renter for sub-rentals:

- unbeatable rental prices
- attractive transport costs
- 24 hour express delivery
- delivery all over Europe



All indirectly fired IDE models as well as IDE 70 D are equipped with a Danfoss® injection pump for the fuel feed.



Other IDE heaters are fed via a compressor, the pressure of which is displayed on a pressure gauge.



For the need-based temperature adjustment all IDE appliances come equipped with an integrated thermostat with dual display for the actual and nominal value. When the temperature has to be measured and controlled on an up to 25 m away place instead you can connect an external thermostat (optionally available).



The filling level of the integrated fuel tank can be checked anytime via the standard liquid level indication.

The indirectly fired IDE models and oil heater fan IDE 70 D also come equipped with an easily accessible, external fuel filter.

The reliable, economic alternative for mobile heating needs: Trotec's IDE oil heater fans ...



Directly fired IDE oil heater fans (D) are ideally suited for the use out of doors or in well-ventilated interior spaces. When employing the optionally available flue gas

discharge, the indirectly fired IDE devices can additionally be used to heat enclosed spaces.

Technical data	IDE 20 D	IDE 30	IDE 30 D	IDE 50	IDE 50 D	IDE 60	IDE 70 D
Article number	1.430.000.060	1.430.000.220	1.430.000.065	1.430.000.230	1.430.000.070	1.430.000.235	1.430.000.075
Method of heating	direct	indirect	direct	indirect	direct	indirect	direct
Amount of air** [m³/h]	595	760	720	2,000	1,100	2,000	1,300
Fan	Axial fan	Axial fan	Axial fan	Axial fan	Axial fan	Axial fan	Axial fan
Nominal heat output [kW (kcal)]	20 (17,208)	30 (25,800)	30 (25,800)	50 (44,100)	50 (44,100)	60 (51,588)	70 (61,740)
Increase in temperature ²⁾ ΔT [°C]	69	62	89	62	106	62	122
Input voltage [V / Hz]	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Current consumption [A]	1	1.5	1	3.2	1.5	3.2	1.8
Max. oil consumption [l/h]	2	3.4	3.9	4.8	5.1	5.2	7
Air transport hose connector ø [mm]	–	–	–	–	–	–	–
Chimney connection ø [mm]	–	120	–	150	–	150	–
Integrated thermostat	Series	Series	Series	Series	Series	Series	Series
Connection for external thermostat	Series	Series	Series	Series	Series	Series	Series
Fuel feed	Compressor	Danfoss® pump	Compressor	Danfoss® pump	Compressor	Danfoss® pump	Danfoss® pump
Fuel filter	–	Series	–	Series	–	Series	Series
Tank capacity [l]	19	50	38	68	56	68	68
Sound level (distance 1 m) [dB (A)]	76	76	76	78	77	78	79
Length [mm] ¹⁾	760	1,100	925	1,365	1,020	1,365	1,220
Width [mm]	400	490	460	550	490	550	580
Height [mm]	550	755	600	985	620	985	705
Weight [kg]	17.2	34.2	20.8	56.7	27.3	56.7	40.8
Available accessories	IDE 20 D	IDE 30	IDE 30 D	IDE 50	IDE 50 D	IDE 60	IDE 70 D
External thermostat with 25 m cable	Article no. 6.100.006.112	Article no. 6.100.006.112	Article no. 6.100.006.112	Article no. 6.100.006.112	Article no. 6.100.006.112	Article no. 6.100.006.112	Article no. 6.100.006.112
Exhaust gas pipe rigid, length 1 m	–	Article no. 6.100.006.212	–	Article no. 6.100.006.210	–	Article no. 6.100.006.210	–
90° arc connection for exhaust gas pipe	–	Article no. 6.100.006.218	–	Article no. 6.100.006.216	–	Article no. 6.100.006.216	–
Exhaust gas pipe rain cover	–	Article no. 6.100.006.224	–	Article no. 6.100.006.222	–	Article no. 6.100.006.222	–

¹⁾ mounted; ²⁾ ΔT marks the temperature increase. The outlet air temperature is calculated from ΔT + ambient temperature.
Example calculation for IDE 60 oil heater fan at an ambient temperature of 20 °C: ΔT (62) + 20 = 82. Thus, the example gives an outlet air temperature of 82 °C.