

A FEW PRACTICAL BENEFITS:

- Integrated oil burner with Danfoss® pump (except for IDS 900)
- Electronic flame trap
- Overheating thermostat
- Stainless steel combustion chamber
- Heat exchanger (high-temperature resistant from IDS 45 onward)
- Fully automatic after-cooling
- Double-walled housing for optimum soundproofing and insulation
- Integrated fuel tank
- Suitable for the fully automated use with external thermostat or timer switch (except for IDS 20 D)
- Oil pre-warming (optional, from IDS 45 onward)
- Connection facility for air transport hose
- Additional advantages IDS 900**
- Automatic ventilation controlled by thermostat
- Oil filter
- Electric control box
- Robust steel frame with epoxy coating
- High efficiency by means of flow-optimized stainless steel combustion chamber
- Fully automatic after-cooling
- Combustion chamber pre-heating
- Summer/winter selection switch for an optional ventilation without heating function



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



IDS oil heater fan



The oil heaters of the IDS series also impress by their attractive value-for-money ratio and are particularly suited for quick, uncomplicated heating of storage spaces, workshops, construction sites, greenhouses or stables.



Just set it up, switch it on and start heating...

The oil heater fans of the IDS series with their robust and simple design have everything you need for an immediate economic heating application:

The integrated fuel tank renders additional external oil tanks redundant and provides you with a high degree of flexibility when choosing the operating site. Owing to the carriage with large wheels, transport and a quick set-up can be carried out easily by one person even on building sites or uneven terrain.

Due to their sound and ingeniously simple design, these devices guarantee

high reliability with a minimum amount of maintenance required.

Evidently, safety comes first also with the oil heater fans of the IDS series:

The devices as standard come equipped with an electronic flame trap, safety thermostat for overheating protection and fully automatic after-cooling. The double-walled housing with protective coating offers an effective soundproofing and increased safety at work, for the surface temperature of the outer casing and thus the risk of injuries is minimized.

The oil heater fans of the IDS series are prepared for the fully automatic operation controlled by a thermostat. A comprehensive range of accessories is available to you for many a challenge.

Direct (non-storage) heating models:

IDS 20 D and IDS 30 D provide mobile heating power with 100 % efficiency – exactly where needed. Both direct heaters are ideally suited for heating well-ventilated stables or construction sites in winter and also for defrosting machines, vehicles or pipes.

Indirect (via storage medium) oil heater fans IDS 900

The greatest model of the IDS series was especially designed for heating individual halls or several rooms and comes equipped with a flow-optimized stainless steel combustion chamber for



a particularly high efficiency and with an exceptionally powerful axial fan.

The compact construction comprises a robust, epoxy coated steel frame with double-walled housing for optimum soundproofing and insulation.

Function related, the delivery of oil heater fan IDS 900 does not include an integrated fuel container, which is why the use of an external tank is recommended for automated continuous

heating. Optionally available is also an oil tank pedestal with a capacity of 208 litres.



Technical data	IDS 20	IDS 20 D	IDS 30	IDS 30 D	IDS 45	IDS 80	IDS 100	IDS 900
Article number	1.430.000.120	1.430.000.020	1.430.000.125	1.430.000.025	1.430.000.130	1.430.000.135	1.430.000.140	1.430.000.160
Method of heating	indirect	direct	indirect	direct	indirect	indirect	indirect	indirect
Amount of air** [m³/h]	550	350	1,150	605	2,500	4,300	5,500	12,500
Fan	Axial fan							
Max. nominal heat input [kW]	23.4	20	34.1	38.4	58.6	90.6	117.26	235
Nominal heat output [kW (kcal)]	19.6 (16,853)	20 (17,200)	28.8 (24,764)	38.4 (33,020)	52.5 (45,142)	80.2 (68,960)	105.54 (90,748)	211 (181,427)
Increase in temperature ⁴⁾ ΔT [°C]	95	100	70	75	66	77	75	47
Input voltage [V/Hz]	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Current consumption [A]	1.25	1.0	1.56	1.25	3.8	6.4	8.35	12
Max. oil consumption [l/h]	2.23	2.04	3.25	3.66	5.59	8.64	10.79	21.67
Air transport hose connector ø [mm]	–	–	300 ¹⁾	–	350 ¹⁾	400 ¹⁾	500 ¹⁾	700
Chimney connection ø [mm]	120	–	150	–	150	150	150	200
Thermostat connection	Series	–	Series	Series	Series	Series	Series	Series
Tank capacity [l]	42	17	42	42	65	105	135	208 ¹⁾
Sound level (distance 1 m) [dB (A)]	70	67	75.3	69	72	75	76	81.3
Length ²⁾ [mm]	1,050	760	1,175	1,050	1,310	1,690	1,870	2,270
Width ²⁾ [mm]	400	320	400	400	510	620	660	795
Height ²⁾ [mm]	520	425	605	520	965	1,050	1,210	1,440
Weight [kg]	45	20	55	25	95	135	174	385
Available accessories	IDS 20	IDS 20 D	IDS 30	IDS 30 D	IDS 45	IDS 80	IDS 100	IDS 900
Hose connector	–	–	1 x ø 300 mm, Article no. 6.100.006.163	–	1 x ø 350 mm, Article no. 6.100.006.164	1 x ø 400 mm, Article no. 6.100.006.165	1 x ø 500 mm, Article no. 6.100.006.171	already included as a standard feature
Two-way hose distributor	–	–	–	–	2 x ø 300 mm, Article no. 6.100.006.166	2 x ø 300 mm, Article no. 6.100.006.167	2 x ø 400 mm, Article no. 6.100.006.172	2 x ø 500 mm, Article no. 6.100.006.174
Four-way hose distributor	–	–	–	–	–	–	–	4 x ø 300 mm, Article no. 6.100.006.175
Thermostat with 10 m cable	Article no. 6.100.007.015	–	Article no. 6.100.007.015	Article no. 6.100.007.015	Article no. 6.100.007.015	Article no. 6.100.007.015	Article no. 6.100.007.015	Article no. 6.100.007.015
Connection kit for external oil tank	–	–	–	–	Article no. 6.100.006.168	Article no. 6.100.006.168	Article no. 6.100.006.168	already included as a standard feature
Oil pre-warming	–	–	–	–	Article no. 6.100.006.169	Article no. 6.100.006.169	Article no. 6.100.006.173	Article no. 6.100.006.177
Tank liquid level indication	Article no. 6.100.006.160	Article no. 6.100.006.160	Article no. 6.100.006.160	Article no. 6.100.006.160	Article no. 6.100.006.160	Article no. 6.100.006.160	Article no. 6.100.006.160	Article no. 6.100.006.160
Filler neck oil filter	Article no. 6.100.006.161	Article no. 6.100.006.161	Article no. 6.100.006.161	Article no. 6.100.006.161	Article no. 6.100.006.161	Article no. 6.100.006.161	Article no. 6.100.006.161	Article no. 6.100.006.161
Oil tank pedestal, capacity 208 litres	–	–	–	–	–	–	–	Article no. 6.100.006.176
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	Article no. 6.100.006.210	Article no. 6.100.006.210	Article no. 6.100.006.214
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	Article no. 6.100.006.216	Article no. 6.100.006.216	Article no. 6.100.006.220
Exhaust gas pipe rain cover	Article no. 6.100.006.224	–	Article no. 6.100.006.222	–	Article no. 6.100.006.222	Article no. 6.100.006.222	Article no. 6.100.006.222	Article no. 6.100.006.226
Crane lifting eyelets (four included in set)	–	–	–	–	Article no. 6.100.006.162	Article no. 6.100.006.162	–	–
Air hose Tronect SP-C ³⁾ , length 7.6 m	–	–	Article no. 6.100.001.265	–	Article no. 6.100.001.266	Article no. 6.100.001.267	Article no. 6.100.001.270	Article no. 6.100.001.270 ⁵⁾

¹⁾ optionally available accessories required; ²⁾ dimensions incl. packaging; ³⁾ Further air transport hoses can be found starting from catalogue page 92.

⁴⁾ ΔT indicates the temperature increase. The outlet air temperature is calculated from ΔT + ambient temperature. Example calculation for IDS 100 oil heater fan at an ambient temperature of 20 °C: ΔT (75) + 20 = 95. Thus, the example gives an outlet air temperature of 95 °C.

⁵⁾ in combination with two-way hose distributor (required accessories)

Trotec

Dehumidification

Humidification

Heating

Ventilation

Air conditioning

Air cleaning

Odour control

Accessories