

Trotec has the optimum electric heating device on offer for your requirements:



The TDS electrical heater fans unite sound technology and a cost-efficient solution while focussing mainly on longer stationary heating applications.



In contrast, the electric heating devices of the TEH series were especially designed with a high service life and reliability for the toughest practical requirements in harsh surroundings, even for the stresses and strains resulting from continuous operation in frequently changing locations.

Owing to their high air-pressure power, the TEH pro tools can also be used for heating several rooms over longer transport routes by means of warm air hoses.

The electric heating devices of the TEH pro series can be found starting on page 62 ..

TDS – practical electric heater fans for effective temporary heating applications

In contrast to the directly fired gas or oil heating devices, the electric heater fans of the TDS series neither consume oxygen nor do they produce combustion waste gases, so they can be used practically anywhere and are especially suited for the temperature control in cold rooms.

The option of its' being mounted to wall or ceiling presents a wide range of diverse application fields, e.g. for heating construction trailers, booths, greenhouses, small halls, garages, workshops, boathouses or during construction jobs.

Thanks to the integrated thermostat control, the produced warm air flow can



Practical accessories: The flexibly usable wall and ceiling holders are optionally available for all TDS models.

be indefinitely adjusted to the desired temperature on all TDS models.

With respect to the TDS 10, based on the thermostat control, the heating elements only switch on if required in addition to the permanent fan.

All other TDS appliances can furthermore be used in fan operation without heating function and have an optimum temperature control achieved by a multi-stage power control for the metering of the heat output in line with demand.

Technical data

Article number	TDS 10	TDS 20	TDS 20	TDS 30	TDS 30	TDS 100	TDS 120
Step 1	0.65	Fan only	Fan only	Fan only	Fan only	Fan only	Fan only
Heating capacity [kW]	1.3	1.65	2.5	4.5	10	22	30
Step 2		3.3	5.5		15		
Step 3							
Step 4							
Max. heating capacity [kcal]	1,720	2,840	4,730	7,740	12,900	18,920	25,795
Amount of air [m³/h]	186	335	458	708	1,293	1,632	1,980
Fan stages							
Current consumption [A]	8.7	14.35	7.22	13	21.7	32	50
Input voltage [V/Hz]	230/50	230/50	400/50	400/50	400/50	400/50	400/50
Connection for power supply	Safety plug (CEE 7/7)	Safety plug (CEE 7/7)	CEE 16 A, 5-pin	CEE 16 A, 5-pin	CEE 32 A, 5-pin	CEE 63 A, 5-pin	CEE 63 A, 5-pin
Connecting cable	Built in (length 1.5 m)	Built in (length 1.5 m)	Built in (length 1.6 m)	Accessories	Accessories	Accessories	Accessories
Thermostat	Built in	Built in	Built in	Built in	Built in	Built in	Built in
Mobility	Portable	Portable	Portable	Portable	Portable	Portable	Portable
Sound level [dB (A)]	46	46	51	52	60	73	73
Overheating protection	yes	yes	yes	yes	yes	yes	yes
Type of protection	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Length [mm]	198	255	270	283	332	430	485
Width [mm]	210	265	255	355	405	440	450
Height [mm]	320	395	400	515	540	610	665
Weight [kg]	3.7	5.3	5.6	9.5	14.9	20.2	25

Available accessories

Wall and ceiling holder

Professional extension cable, length 20 m

Art. no. 6.100.007.022 Art. no. 6.100.007.022 Art. no. 6.100.007.022 Art. no. 6.100.007.023 Art. no. 6.100.007.023 Art. no. 6.100.007.024 Art. no. 6.100.007.024

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