

## Electric fan heater 3–30 kW

### Transportable and stationary models STH and TH

**STH / TH – For transportable and stationary operation**



The compact, powerful STH fan heaters are robust and comfortable equipped. They can operate to heat and dry in stationary and transportable use on the building site, in production plants, stores, workshops, offices, garages, churches, meeting rooms and others.

- Model range with heating power of 3.3 kW: 1 ph., 230 V as well as 5, 9, 15, 22, 30 kW: 3 ph., 400 V.
- Easy handling with compact dimensions.
- Attractive design.
- Easy to lift, transport and hang up through ergonomically designed transportation frame.

#### ■ Design

- Suitable for operation under roughest conditions even in wet areas as well as for permanent operation.
- Corrosion resistant casing, made from galvanised steel, white powder coated.
- Red powder coated tripod, protecting to all sides. Models STH with holes for wall installation.
- Stable front protection grille, powder coated in grey.
- Clearly arranged control board, protected against damage through recessed position.
- Maintenance free and radio suppressed.
- All models with protection to IP 44. Suitable for operation in wet areas.
- Contact safety to EN 294.
- Enclosed heater element made from high-grade stainless steel with low surface temperature.
- Easy accessible, from outside reversible overheat protection.

#### ■ Individual timer

All models from 9 kW on have a timer for preprogrammed operation up to 24 hours to given room temperature as standard.

#### ■ Control

- Via built-in operation switch with following functions.
- Optional fan operation without heating, from 9 kW on two fan speeds available.
- Heating element for models with 3, 5, 15 kW in two steps; models with 9, 22 and 30 kW in three steps.
- Heating operation through built-in room temperature thermostat, adjustable from +5 °C to +35 °. Fan keeps operating for a better heat distribution when heating is switched of.



#### Dimensions in mm

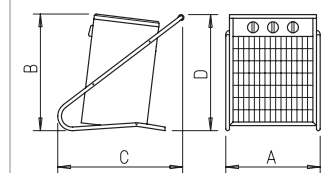
Type	A	B	C	D
STH 3 / STH 5	290	390	475	440
STH 9 T	335	425	450	435
STH 15 T	430	535	550	560
TH 22 T	540	615	560	
TH 30 T	630	600	580	

#### Technical data

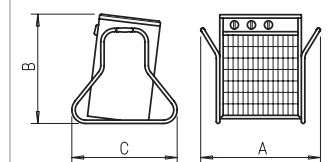
Type	STH 3	STH 5	STH 9 T	STH 15 T	TH 22 T	TH 30 T
Ref. No.	2520	2521	2522	2523	2524	2571
Heat power kW	3.3	5.0	9.0	15.0	22	30
Controllable heat power kW	0 - 1.6 - 3.3	0 - 2.5 - 5.0	0 - 3.0 - 6.0 - 9.0	0 - 7.5 - 15.0	0 - 7 - 15 - 22	0 - 10 - 20 - 30
Max. temperature increase Δ °C	25	37	38	35	27	47
Max. surrounding temperature °C	40	40	40	40	40	40
Air flow volume m³/h	400	400	400 / 700	800 / 1300	1800 / 2400	1900 / 2600
R.P.M.	1300	1300	900 / 1300	900 / 1300	850 / 1180	750 / 1300
Sound press. in dB(A) at 4 m (free field)	40	40	43	58	65	68
Voltage, 50 Hz	230 V / 1 ph.	400 V / 3 ph.	400 V / 3 ph.	400 V / 3 ph.	400 V / 3 ph.	400 V / 3 ph.
Current Amps	14.5	7.5	13.5	21.7	31.5	43.7
Regular 3 pin <sup>1)</sup> / CEE <sup>2)</sup> socket required	3 pin <sup>1)</sup>	16 A <sup>2)</sup>	16 A <sup>2)</sup>	32 A <sup>2)</sup>	32 A <sup>2)</sup>	63 A <sup>2)</sup>
Weight in kg	8.0	8.0	12.0	18.0	24.0	30.0
Timer (24 h preprogramming)	—	—	yes	yes	yes	yes

<sup>1)</sup> with 1.5 m long lead

#### STH..



#### TH..



Dimensions in mm