FRICO

Fan heater Panther 20-30

Powerful fan heater for large premises

Panther 20–30 is a range of powerful and quiet fan heaters for stationary use. They are intended for heating and drying of large premises, for example, industries.

The Panther fan heater has a classic clean design in white enamelled sheet steel.

- Supplied with wall bracket that makes it possible to direct the airflow down and to the side.
- Post-running thermostat for efficient cooling.
- To comply with Ecodesign Regulation (EU) 2015/1188 the unit must be installed with thermostat TAP16R (accessory). TAP16R has adaptive start, week program and open window detection.
- Panther 20–30 must be supplemented with PP20/30N. PP20/30N is an external control panel (ordered separately) with master-/slave function, for up to six units.
- Corrosion proof housing made of hot zinc-plate and powder enamelled steel panels. Colour: white, RAL 9016, NCS S 0500-N.

Fan heater Panther 20–30 (IP44)

| Type	Output steps	Airflow	Sound level*¹	Δt*²	Motor	Voltage	Amperage	HxWxD	Weight
	[kW]	[m³/h]	[dB(A)]	[°C]	[W]	[V]	[A]	[mm]	[kg]
SE20N	0/10/20	1900/2600	42/60	31/23	150	400V3N~	29.5	576x478x545	27
SE30N	0/10/20/30	1900/2600	42/60	47/34	150	400V3N~	43.9	576x478x545	31
SE305N*³	0/7.5/15/23 0/10/20/30	1900/2600	42/60	36/26 47/34	150	440V3~*³ 500V3~	30.8 35.1	576x478x545	32

*¹) Conditions: Distance to the unit 3 metres. Directional factor: 2. Equivalent absorption area: 200 m². At lowest/highest airflow.
*²) Δt = temperature rise of passing air at maximum heat output and lowest/highest airflow.
*³) Can be connected to 440V3~ and 500V3~.
Approved for 380V/3ph/60Hz. Product performance for 380V/3ph/60Hz will differ from stated data.
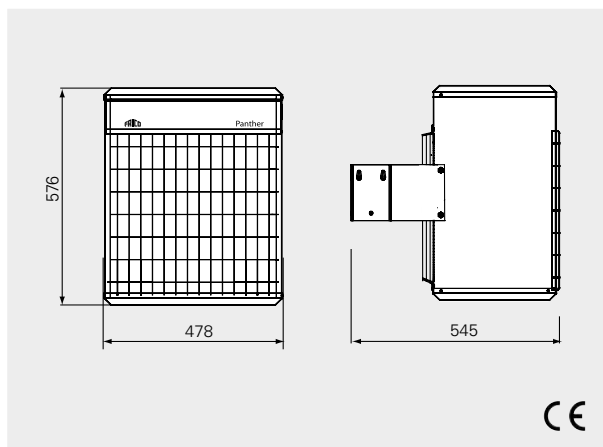
Air throw
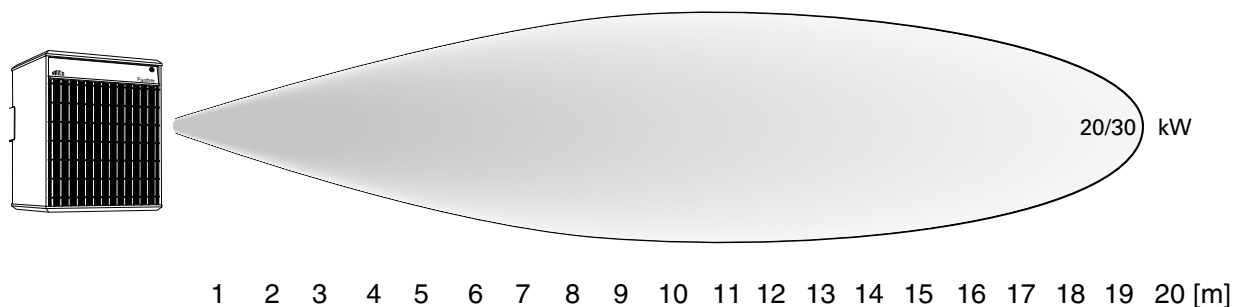
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 [m]

20/30 kW

2018-01-22

Dimensions

Accessories
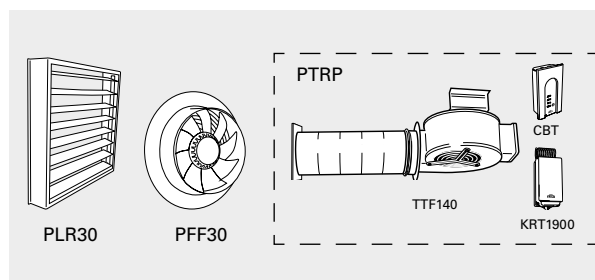
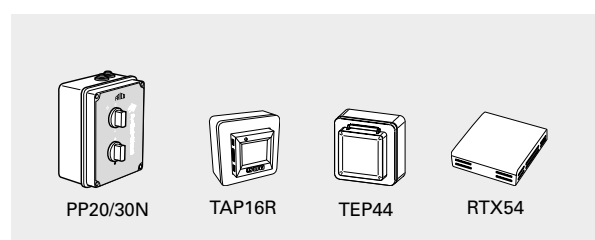| Type	Description
PLR30	Air director for for SE20, SE30 and SE305
PFF30	Exhaust air fan for SE20, SE30 and SE305
PTRP	Drying room kit without fan heater

Control options

Fan speed and thermostat control
Selection of the operating mode is done using the external control panel. Delay relays between the output groups prevent simultaneous connection.
The fan heater must be installed with thermostat TAP16R which offers adaptive start, week program and open window detection.

- TAP16R, electronic thermostat
- PP20/30N, control panel, controls up to six units.

The product can be controlled in a different way, e.g. by an overall control system (BMS) as long as the requirements of Ecodesign Regulation are met.

Type	Description	HxWxD [mm]
PP20N	Control box for SE20N, IP44	160x120x96
PP30N	Control box for SE30N and SE305N, IP44	160x120x96
TAP16R	Electronic thermostat, IP21	87x87x53
TEP44	Protective enclosure for TAP16R, IP44	87x87x55
RTX54	External room temperature sensor, IP54	82x88x25

Control options for installations not covered by the Ecodesign Regulation (EU) 2015/1188

Fan speed and thermostat control
Selection of the operating mode is done using the external control panel. Delay relays between the output groups prevent simultaneous connection.
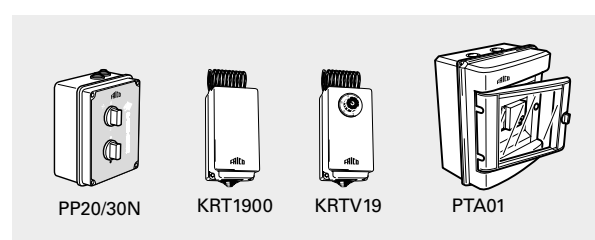The fan heater should be installed with an external thermostat.

- KRT1900/KRTV19, capillary tube thermostat
- PP20/30N, control panel, controls up to six units.

Automatic temperature control
The heat can be decreased according to demand, for example at night or weekends. Switches between day and night mode.

- PTA01, automatic temperature control

Type	Description	HxWxD [mm]
PP20N	Control box for SE20N, IP44	160x120x96
PP30N	Control box for SE30N and SE305N, IP44	160x120x96
KRT1900	Capillary tube thermostat, IP55	165x57x60
KRTV19	Capillary tube thermostat with knob, IP44	165x57x60
PTA01	Automatic temperature control, IP55	215x185x115

For mounting, connection, wiring diagrams and other technical information, please see the manual.