



Fan heater Tiger

Robust fan heater for portable use

Application

Tiger is a range of robust and compact fan heaters for professionals with high demands.

Tiger 2-9 kW are intended for heating and drying areas such as garages, workshops and shops.

Tiger 15, 20 and 30 kW are ideal for heating and drying larger premises such as industrial premises and workshops, where higher outputs are required.

Comfort

Frico's fan heaters are extremely quiet and quickly provide comfortable heating. With a portable fan heater it is easy to move and take the heat where it is required.

Operation and economy

Frico's fan heaters have a long life and providing fast and effective heating at a low cost. A portable fan heater gives good personal comfort without the need to heat the whole premises, which keeps heating costs to a minimum.

Design

The Tiger fan heater has a compact and robust sheet steel design with a red finish. The heavy-duty tubular frame acts as a well-balanced and ergonomic carrying handle. The design protects against impact and vibrations and permits use in exacting environments.

Product specifications

- The Tiger fan heater is available in the following designs:
 - **P21 and P31** have a 1.8 m cord with plug for connection to earthed outlet sockets.
 - **P33, P53 and P93** have a 1.8 m cable with IEC60309 plug and a 230V-outlet socket at the rear.
 - **P153 and TIG203-0** have a 1.8 m cable with IEC60309 plug.
 - **TIG303-0 and P305** are supplied with a 1.8 m cable without a plug. P305 can be connected to 440V3~ and 500V3~.
- Low sound level.
- Integrated thermostat with setting range +5 – +35 °C and output selector.
- Very reliable and well protected against impact and vibrations.
- Corrosion proof housing made of hot zinc-plate and powder enameled steel panels.
Colour: RAL 3020, NCS 1090-Y80R (red).

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Technical specifications

Fan heater Tiger 2-9 (IP44)

Item no	Type	Output steps [kW]	Airflow [m ³ /h]	Sound power* ¹ [dB(A)]	Sound pressure* ² [dB(A)]	Δt* ³ [°C]	Voltage [V]	Amperage [A]	HxWxD [mm]	Weight [kg]
3082	P21	0/2	280	55	41	22	230V~	8,8	450x290x390	5,7
3083	P31	0/2/3	280	55	41	32	230V~	13	450x290x390	6,0
10680	P33	0/1,5/3	280	55	41	32	400V3N~* ⁴	4,4	450x290x390	6,3
10681	P53	0/2,5/5	480	54	40	31	400V3N~* ⁴	7,3	450x290x390	6,7
10742	P93	0/4,5/9	720	58	44	37	400V3N~* ⁴	13	530x350x480	10

*¹) Sound power (L_{WA}) measurements according to ISO 27327-2: 2014, Installation type E.

*²) Sound pressure (L_{pA}). Conditions: Distance to the unit 3 metres. Directional factor: 2. Equivalent absorption area: 200 m².

*³) Δt = temperature rise of passing air at maximum heat output.

*⁴) Also available without neutral and are then called P33-0, P53-0 and P93-0. These models do not have the 230V socket on the reverse and are equipped with P416-6 connectors.

Approved for 220V/1ph/60Hz and 380V/3ph/60Hz. Product performance for 220V/1ph/60Hz and 380V/3ph/60Hz will differ from stated data.

Fan heater Tiger 15 (IP44)

Item no	Type	Output steps [kW]	Airflow [m ³ /h]	Sound power* ¹ [dB(A)]	Sound pressure* ² [dB(A)]	Δt* ³ [°C]	Voltage [V]	Amperage [A]	HxWxD [mm]	Weight [kg]
3091	P153	0/7,5/15	1120	61	47	40	400V3~	22	510x410x530	16

*¹) Sound power (L_{WA}) measurements according to ISO 27327-2: 2014, Installation type E.

*²) Sound pressure (L_{pA}). Conditions: Distance to the unit 3 metres. Directional factor: 2. Equivalent absorption area: 200 m².

*³) Δt = temperature rise of passing air at maximum heat output.

Fan heater Tiger 20-30 (IP44)

Item no	Type	Output steps [kW]	Airflow [m ³ /h]	Sound power* ¹ [dB(A)]	Sound pressure* ² [dB(A)]	Δt* ³ [°C]	Voltage [V]	Amperage [A]	HxWxD [mm]	Weight [kg]
271754	TIG203-0	0/10/20	1950/2400	75	54/61	31/26	400V3~	29	590x630x600	26
271758	TIG303-0	0/10/20/30	1950/2400	75	54/61	47/38	400V3~	44	590x630x600	30
3198	P305	0/7,5/15/23 0/10/20/30	1900/2600	75	42/60	36/26 47/34	440V3~* ⁴ 500V3~	31 35	590x630x600	30

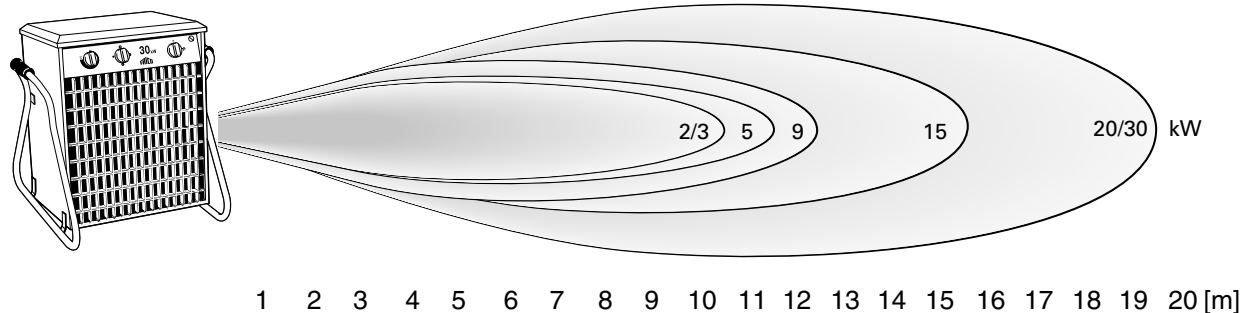
*¹) Sound power (L_{WA}) measurements according to ISO 27327-2: 2014, Installation type E.

*²) Sound pressure (L_{pA}). Conditions: Distance to the unit 3 metres. Directional factor: 2. Equivalent absorption area: 200 m². At lowest/highest airflow.

*³) Δt = temperature rise of passing air at maximum heat output and lowest/highest airflow.

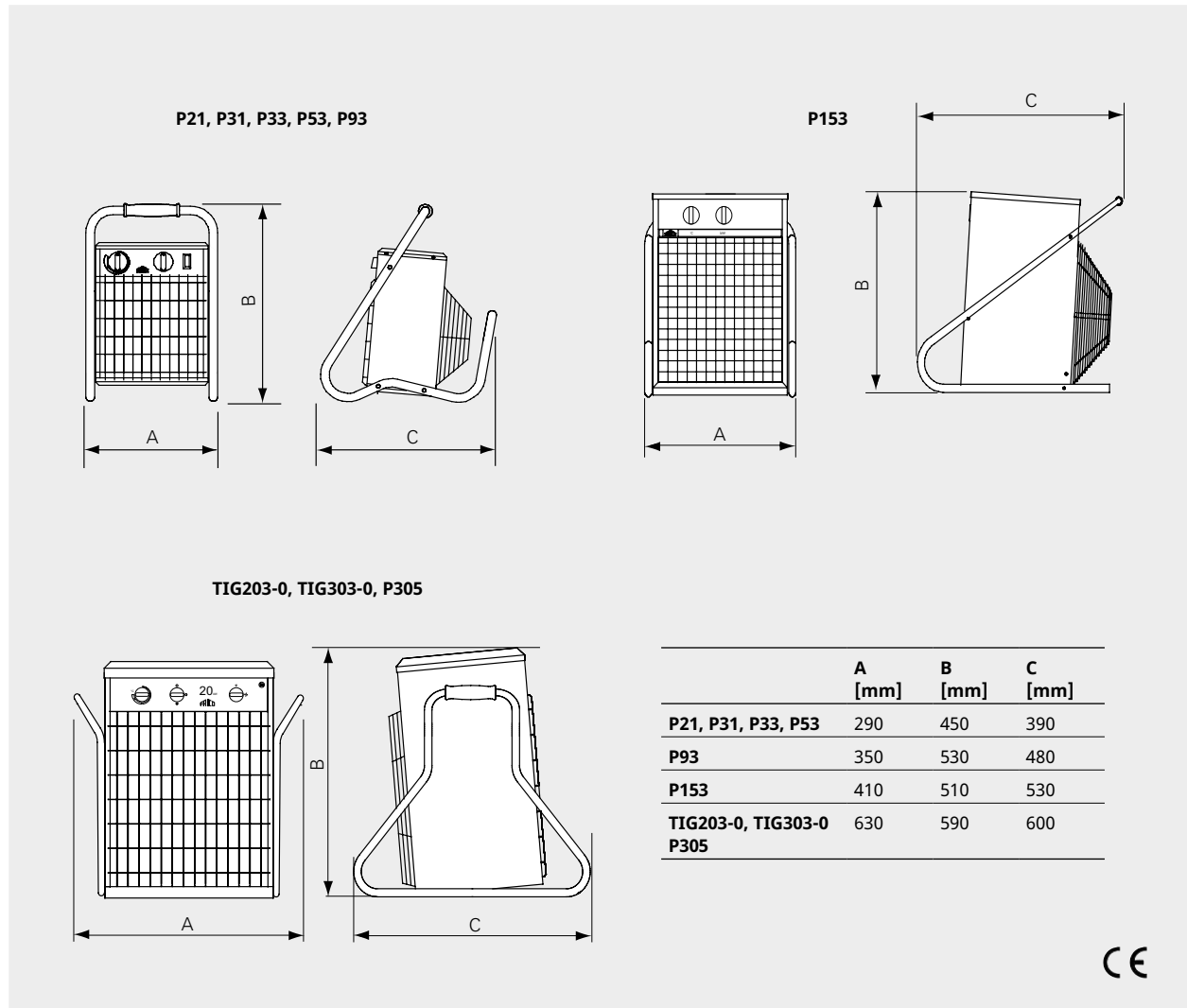
*⁴) Can be connected to 440V3- and 500V3-. Approved for 380V/3ph/60Hz. Product performance for 380V/3ph/60Hz will differ from stated data.

Air throw



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Dimensions



A portable heater is easy to move, quickly providing heat where it is needed. The heavy-duty tubular frame acts as a well-balanced and ergonomic carrying handle.



The robust and portable design combined with an output of 30 kW makes Tiger unbeatable in tough environments with demand for temporary heating.

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Mounting and connection

Mounting

Tiger is intended for portable use. The 2–15 kW models can easily be hung on the wall to be out of the way when not in use. A wall bracket is available as accessory.

Connection

The Tiger fan heater is equipped with a 1.8 metre long connection cable.

- P21 and P31 have cords with plugs for connection to earthed outlet sockets.
- P33, P53, P93, P153 and TIG203-0 have an IEC60309 plug fitted on the connection cable. There is a 230V-outlet socket of type F at the rear of P33, P53 and P93. The socket gives the possibility to connect, for example, lighting or a charger for cordless tools. Products with 230V-outlet socket of type E are also available for ordering.
- TIG303-0 and P305 are supplied with a cable without a plug. P305 can be connected to both 440V3~ and 500V3~.

Type	Plug
P21, P31	CEE7
P33, P53, P93	CP416-6
P153, TIG203-0	CP432-6
TIG303-0, P305	No plug



Tiger 3-9 kW (400V3N~) has a 230V outlet at the rear for easy connection of e.g. lighting or a charger for cordless tools. Practical for building sites!



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Accessories

Item number	Type	Description	HxWxD [mm]
220400	LT22406	Wall bracket for storage of Tiger 2-15 kW	45x128x40



Control

Tiger, 2–9 kW

The built-in thermostat controls fan speed and heat, or heat only. The choice is made with the mode selector. When operating with heat only the fan blows constantly and the thermostat only controls the heat output. Thermostat with setting range 5–35°C. Output is set via the output selector.

Tiger, 15 kW

Built-in thermostat with setting range 5–35°C. Output is set via the output selector, for steps see table.

Tiger, 20 and 30 kW

Built-in thermostat with setting range 5–35°C. Output is set via the output selector, for steps see table. The mode selector has two different fan speed positions.