



Fan heater Tiger

Robust fan heater for portable use in demanding environments

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 CEE-plug. 230V-outlet socket (type F) at the rear. Products with 230V-outlet socket of type E are also available for ordering.
 - **P153 and P203** have a 1.8 m cable with CEE-plug.
 - **P303 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).

Technical specifications

Fan heater Tiger 2–9 (IP44)

| Type | Output steps [kW] | Airflow [m ³ /h] | Sound level* ¹ [dB(A)] | Δt * ² [°C] | Voltage [V] | Amperage [A] | HxWxD [mm] | Weight [kg] |
|------|-------------------|-----------------------------|-----------------------------------|--------------------------------|-----------------------|--------------|-------------|-------------|
| P21 | 0/2 | 280 | 41 | 22 | 230V~ | 8,8 | 450x290x390 | 5,7 |
| P31 | 0/2/3 | 280 | 41 | 32 | 230V~ | 13 | 450x290x390 | 6,0 |
| P33 | 0/1,5/3 | 280 | 41 | 32 | 400V3N~* ³ | 4,4 | 450x290x390 | 6,3 |
| P53 | 0/2,5/5 | 480 | 40 | 31 | 400V3N~* ³ | 7,3 | 450x290x390 | 6,7 |
| P93 | 0/4,5/9 | 720 | 44 | 37 | 400V3N~* ³ | 13 | 530x350x480 | 10 |

*¹) Conditions: Distance to the unit 3 metres. Directional factor: 2. Equivalent absorption area: 200 m².

*²) Δt = temperature rise of passing air at maximum heat output.

*³) 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)

| Type | Output steps [kW] | Airflow [m ³ /h] | Sound level* ¹ [dB(A)] | Δt * ² [°C] | Voltage [V] | Amperage [A] | HxWxD [mm] | Weight [kg] |
|------|-------------------|-----------------------------|-----------------------------------|--------------------------------|-------------|--------------|-------------|-------------|
| P153 | 0/7,5/15 | 1120 | 47 | 40 | 400V3~ | 22 | 510x410x530 | 16 |

*¹) Conditions: Distance to the unit 3 metres. Directional factor: 2. Equivalent absorption area: 200 m².

*²) Δt = temperature rise of passing air at maximum heat output.

Fan heater Tiger 20–30 (IP44)

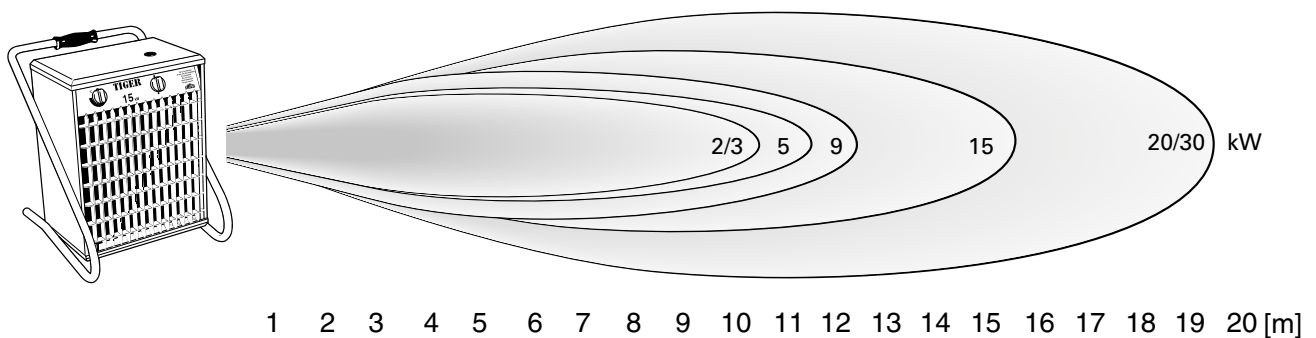
| Type | Output steps [kW] | Airflow [m ³ /h] | Sound level* ¹ [dB(A)] | Δt * ² [°C] | Voltage [V] | Amperage [A] | HxWxD [mm] | Weight [kg] |
|------|---------------------------|-----------------------------|-----------------------------------|--------------------------------|--------------------------------|--------------|-------------|-------------|
| P203 | 0/10/20 | 1900/2600 | 42/60 | 31/23 | 400V3~ | 29 | 590x630x600 | 26 |
| P303 | 0/10/20/30 | 1900/2600 | 42/60 | 47/34 | 400V3~ | 44 | 590x630x600 | 30 |
| P305 | 0/7,5/15/23 0/10/20/30 | 1900/2600 | 42/60 | 36/26 47/34 | 440V3~* ³ 500V3~ | 31 35 | 590x630x600 | 30 |

*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.

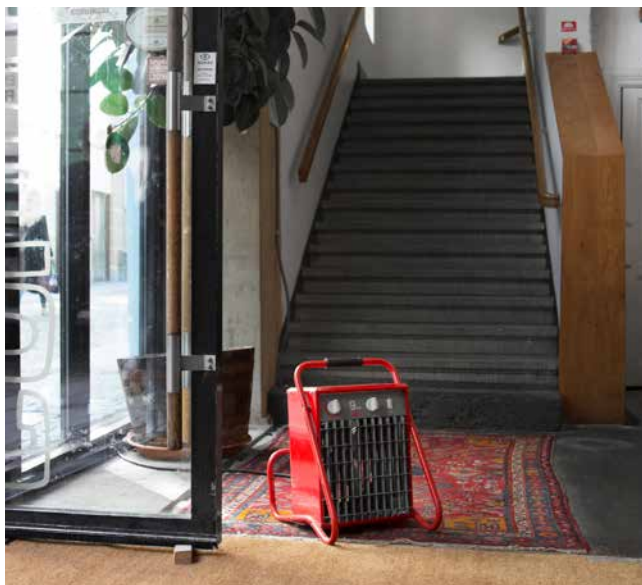
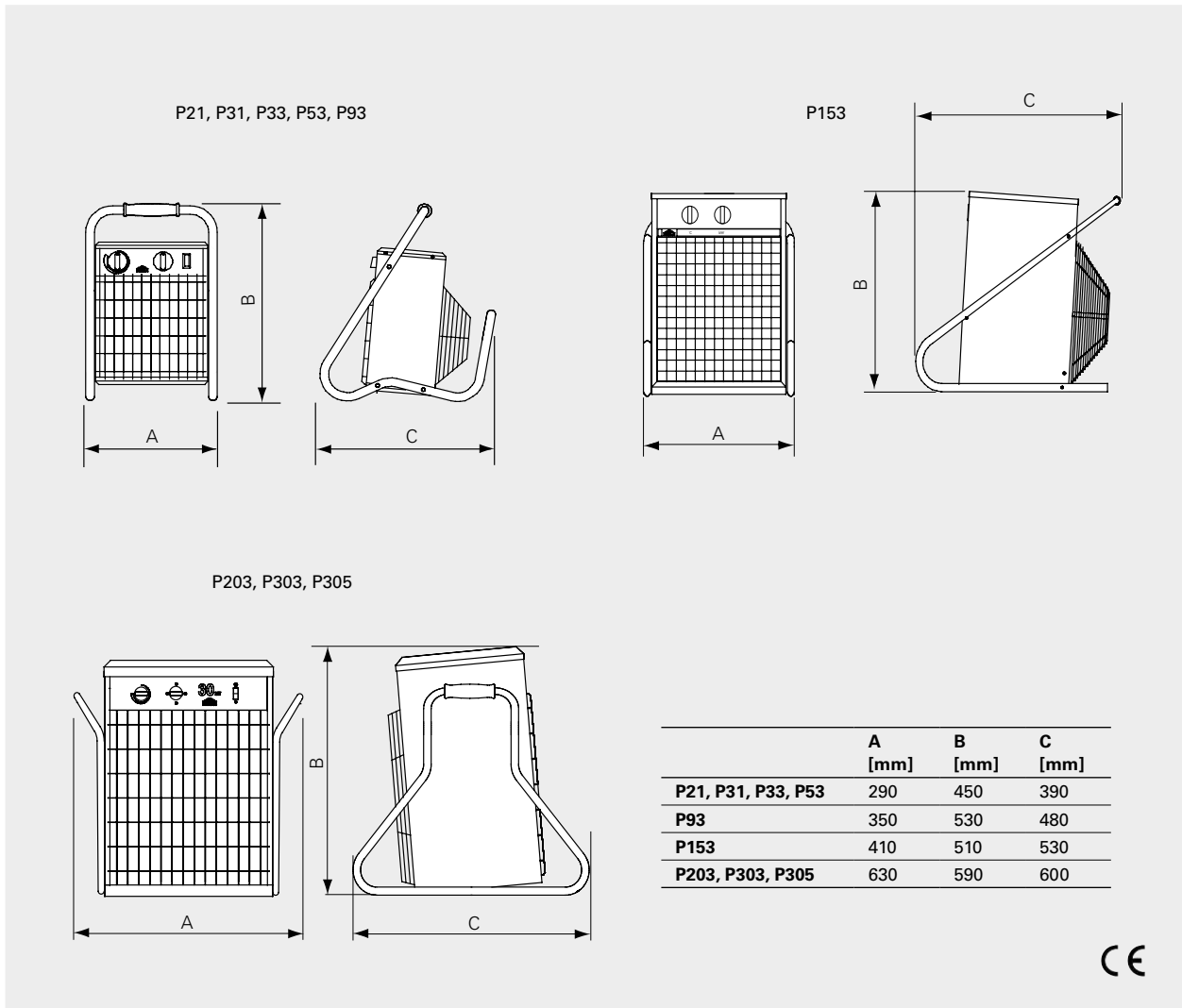
*³) Can be connected to 440V3~ and 500V3~. Approved for 380V/3ph/60Hz. Product performance for 380V/3ph/60Hz will differ from stated data.

Air throw



Fan Heater Tiger

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.

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 (P21 requires 10 A fuse protection, P31 requires 16 A fuse protection).
- P33, P53, P93, P153 and P203 all have a CEE 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.
- P303 and P305 are supplied with a cable without a plug. P305 can be connected to both 440V3~ and 500V3~.



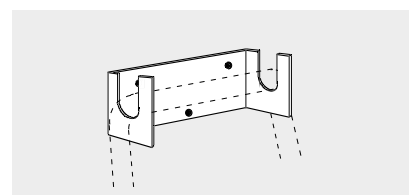
Tiger 3-9 kW (400V3N~) has a 230V outlet at the rear for easy connection of e.g. lighting or a charger for cordless tools. Practical for building sites!



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.

Accessories

| Type | Description | HxWxD [mm] |
|---------|---|------------|
| 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.