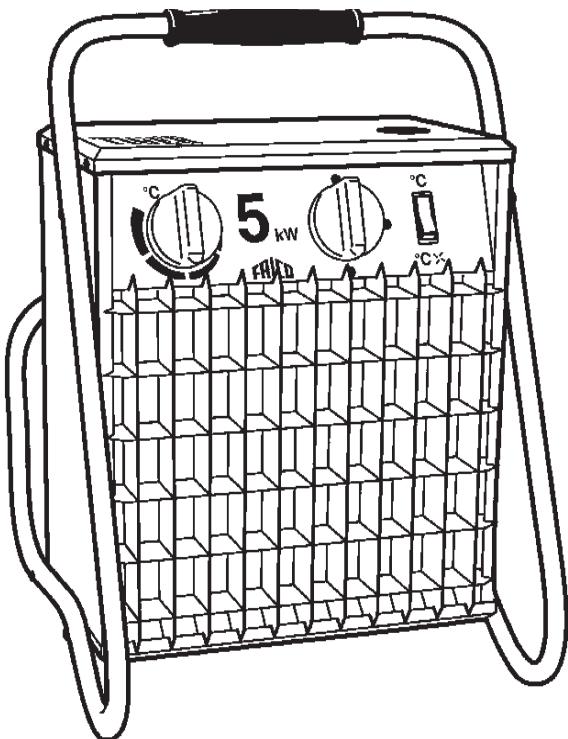


FRICO

Tiger 2-15kW



SE

... 4

GB

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NL

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IT

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FR

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RU

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FI

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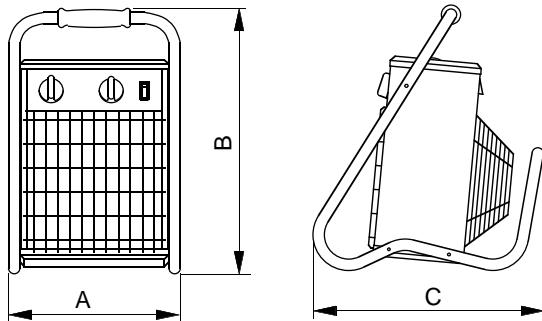
DE

... 14

PL

... 20

Tiger 2-15kW



TIGER 2 kW

A = 290
B = 445
C = 385

TIGER 3 kW

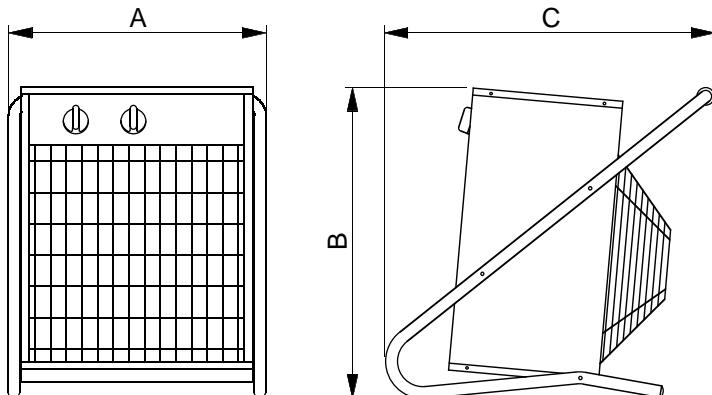
A = 290
B = 445
C = 385

TIGER 5 kW

A = 290
B = 445
C = 385

TIGER 9 kW

A = 350
B = 530
C = 475

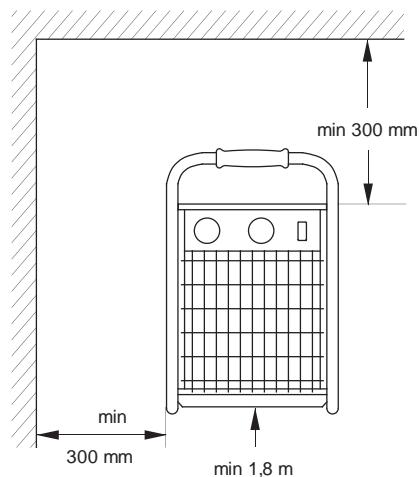


TIGER 15 kW

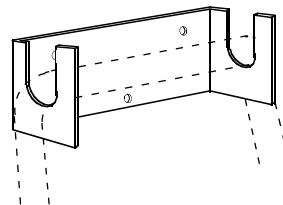
A = 415
B = 510
C = 525

Tiger 2-15kW

Fig. 1



Minimimått vid fast montage
Minimumsmål ved fast montasje
Minimimitat kiinteässä asennuksessa
Mindestabtmessungen bei fester Montage
Cotes minimales pour le montage à poste fixe
Minimumafmetingen bij vast montage
Minimum distances in permanent assembly
Минимальные расстояния при стационарной установке
Distanze minime nel montaggio permanente



Flyttas apparaten ofta från sitt fasta läge kan upphängningskonsoll i stället användas. Rekvireras kostnadsfritt från vår kundservice.

Flyttes apparatet ofte, kan man benytte en veggkonsoll. Rekvireres kostnadsfritt fra vår kundservice.

Bei häufigem Versetzen des Geräts aus seiner festen Stellung können statt dessen Aufhängekonsolen verwendet werden.

Si l'appareil est déplacé souvent de sa position fixe, on pourra utiliser à la place la console de suspension qui peut être obtenue gratuitement auprès de notre service après-vente.

Wordt het apparaat vaak verplaatst uit zijn vaste stand, dan kan een ophangconsole in plaats daarvan worden gebruikt.

A mounting bracket can be used if the fan heater is often moved from its permanent assembly.

Скоба для подвески используется в случаях, когда тепловентилятор необходим в других местах кроме места стационарной установки. Скоба поставляется бесплатно, но должна указываться при заказе.

Si può utilizzare una mensola se l'aerotermostato viene spesso spostato dal luogo permanente.

Are of use

The TIGER-series fan heaters are designed for heating of premises. The heater are primarily designed for portable use, but can be permanently installed on a wall using the 6 mm holes on the handles rear. The compact and rugged construction means that the fan heaters are suitable for shops, garages, warehouses etc. The heaters are approved by SEMKO, NEMKO, DEMKO och FIMKO. Enclosure: Splash proof design , IP44.

Electrical connection

The heaters are delivered with 1,8 m flexible cord. Tiger 2 and 3 single-phase heaters with ordinary plugs and 400V three-phase heaters with flexible cord and CEE-adapter. 3 kW 400V 3N~, 5 kW 230V 3~, 5 kW 400V 3N~ and 9 kW 400V 3N~ heaters has a 230V~-outlet on the back of the unit. This makes it possible to connect extra light, a drilling machine or the like. The outlet cannot be loaded with more than the following currents:

Power stage 3 kW, 400V3N~ 5 kW, 230V3~		
1/2	16 A	16 A
	11,7 A	3,4 A
5 kW, 400V3N~ 9 kW, 400V3N~		
1/2	16 A	16 A
1/1	8,8 A	3 A

The heater must be protected by a 16 A-fuse.

Electrical installation

The electrical installation should be carried out by a qualified electrician in conformity with prevailing regulations. The unit should be preceded by an all-pole switch with at least 3 mm breaking gap, preferably equipped with an operating lamp. Mains voltage and nameplate must comply. The wiring diagram for each unit is situated on the inside of the cover.

NB! All electrical work must be carried out in currentless condition.

Permanent assembly

- The minimum distances in the drawing on page 3 must be kept.
- Mark holes and drill for the fixing plugs.
- Use plugs of adequate size and appropriate for the wall.
- Mount the fan heater and make sure that it is properly assembled.

Function

Tiger 2-15:

Power stages, see technical data.

Tiger 2-15:

Adjustable range of the thermostat, 5–40° C.

Tiger 2-9:

With the switch in position °C the fan blows continuously and the thermostat only regulates the power. In position °C ✕ the thermostat will also regulate the fan.

Overheating

The built-in temperature limiter is triggered if the temperature rises in the fan heater. After rectification of the fault and cooling of the appliance the overheating protection can be reset by pushing in the button on top of the appliance. In case of repeated trouble a qualified electrician should be contacted.

Maintenance

The fan heater are more or less maintenance-free. Dust and dirt may cause overheating and danger of fire. The appliance must therefore be cleaned regularly.

Ground contact

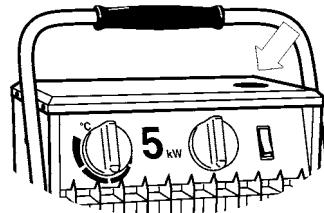
If the appliance is protected by an RCCB and this is triggered when connecting the appliance this might be due to dampness in the heating rods. This should not be considered a fault and is easily corrected by connecting the heater to a wall-outlet without RCCB so the heating rods can dry. It may take anywhere from one hour to a couple of days. To prevent this it is best to operate the heater for short periods during a long storage.

Tiger 2-15kW

Safety

- The appliance must not be used in the immediate vicinity of bathtubs, showers, wash basins or swimming pools!
- The appliance has hot surfaces during operation!
- The appliance must not be placed so that inflammable material can be ignited.
- The appliance must not be covered either with clothes or similar material, since overheating of the appliance can result in fire hazard!
- The appliance must not be placed directly under a wall-outlet!
- Do not use the heater in a room with a floor area of less than 4m²!

Fig. 2



Push the button on top of the unit to make sure the temperature limiter has not been triggered during transport!

	P21	P31	P33	P5323	P53
Technical data					
TYPE	230V~	230V~	400V 3N~	230V 3~	400V 3N~
Power, kW	8,8	13,2	4,4	12,6	7,3
Voltage, V	0 - X - 2	0 - 2 - 3	0 - 1,5 - 3	0 - 3,3 - 5	0 - 2,5 - 5
Current, A	21	32	32	31	31
Power stages, kW	280	280	280	480	480
Temperature increase of outgoing air at full power, °C	5,7	6,0	6,3	6,7	6,7
Airflow, m ³ /h					
Weight, kg	P9323	P93	P15323	P153	
TYPE	9	9	15	15	
Power, kW	230V 3~	400V 3N~	230V 3~	400V 3~	
Voltage, V	22,7	13,1	38,1	21,9	
Current, A	0 - 6 - 9	0 - 4,5 - 9	0 - 7,5 - 15	0 - 7,5 - 15	
Power stages, kW	37	37	43	43	
Temperature increase of outgoing air at full power, °C	720	720	1050	1050	
Airflow, m ³ /h	10,2	10,2	16,6	15,9	
Weight, kg					

Tiger 2-15kW

CE

Vi

Frico AB
Box 102
S-433 22 Partille

försäkrar under eget ansvar härmed att följande produkt(er)

Portabla värmeflärter serie Tiger

Typ: P21, P31, P33, P53, P93 och P153

som omfattas av denna försäkran överensstämmer med fordringarna i

EU/EES's Direktiv om Elektromagnetisk Kompatibilitet (EMC) 89/336 /EEC och EU/EES's Lågspänningssdirektiv (LVD) 73/23/ EEC

och är tillverkade i enlighet med följande harmoniserade standard(er) eller andra tillämpliga dokument.

EMC: EN 55 014: 1993
EN 55 104
EN 61 000-3-2/3: 1991

LVD: EN 60 335-2-30: 1992

CE

We

Frico AB
Box 102
S-433 22 Partille

under own responsibility hereby declare that the following product(s)

Portable Fan-heaters, series Tiger

Type: P21, P31, P33, P53, P93 and P153

which is(are) covered by this declaration of conformity comply with the

EC Electromagnetic Compatibility (EMC)
Directive 89/336 /EEC & 92/31 EEC
EC Low Voltage Directive (LVD) 73/23/EEC

and is(are) manufactured in accordance with the following stated harmonised standard(s) or other normative document(s).

EMC: EN 55 014: 1993
EN 55 104
EN 61 000-3-2/3: 1991

LVD: EN 60 335-2-30: 1992

Partille , 15 December 1995



Mats Careborg
Tekniskt ansvarig

Partille , 15 December 1995



Mats Careborg
Technical Manager

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00.11-21

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