

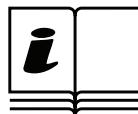
# STANLEY®

ST-22-240-E / ST-23-240-E / ST-25-400-E



**Electric Fan Heater**

**This product is only suitable for well insulated spaces or occasional use.**



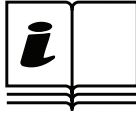
## NEVER LEAVE HEATER UNATTENDED WHILE CONNECTED TO A POWER SOURCE

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### PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE USING THE APPLIANCE.

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Children of less than 3 years should be kept away unless continuously supervised. Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform user maintenance.
- **CAUTION:** Some parts of this product can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The heater must not be located immediately below a socket-outlet.
- Do not use this heater in the immediate surroundings of a bath, a shower or a swimming pool.
- Do not use the appliance for other than its intended use. For domestic indoor use only.
- Place the appliance on a flat, stable, heat-resistant surface. Operating the product in any other position could cause a hazard.
- There may be trace of odour during the first few minutes of initial use. This is normal and will quickly disappear.
- Do not attempt to repair, disassemble or modify the appliance. There are no user-serviceable parts inside.
- **CAUTION** – if using an extension lead please ensure you do not exceed the maximum rated running wattage/load of the extension lead.

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**Read the instruction manual: When this symbol is marked on a product, it means that the instruction manual must be read.**

**Do not use the appliance for other than its intended use. For domestic indoor use only.**

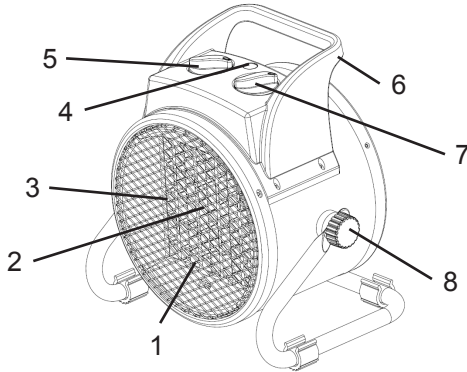
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**WARNING: In order to avoid overheating, do not cover the heater.**

# NEVER LEAVE HEATER UNATTENDED WHILE CONNECTED TO A POWER SOURCE

ST-22-240-E / ST-23-240-E / ST-25-400-E



**GB**













1. Front Guard
2. Fan
3. Heat Coil
4. Power Light
5. Function Selector
6. Handle
7. Thermostat
8. Adjustment Knob (x2)

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## SPECIFICATIONS

Specifications subject to change without notice

	ST-22-240-E	ST-23-240-E	ST-25-400-E
RATED POWER INPUT (kW)	2.0	3.0	5.0
AIR FLOW (m <sup>3</sup> /h)	197	280	588
HEATING AREA (m <sup>2</sup> )	20	30	48
RATED VOLTAGE/ FREQUENCY (V/Hz)	220-240~ 50	220-240~ 50	400~ 50
HEAT SETTINGS	2	2	2
WEIGHT (kg)	1.7	2.9	4.32
APPLIANCE CLASS	1	1	1
INGRESS PROTECTION RATING (IP)	IP20	IP20	IP20
<b>FUNCTIONS / SETTINGS</b>			
Unit is Off			
Fan Runs - No Heating			
Fan Runs - Half Power Heating			
Fan Runs - Full Power Heating			
<b>NOTE:</b> The fan will run continuously while the heater is operating.			

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### Safety Information

**IMPORTANT:** Read and understand all of the safety information and instructions in this manual before operating your heater.

**▲ DANGER**

**RISK OF EXPLOSION!** Do Not operate this heater where there are harmful, explosive or flammable gasses, fumes or hazardous substances.

**▲ WARNING**

**RISK OF FIRE!** Do Not operate this heater near combustible materials.

**▲ WARNING**

**ELECTRIC SHOCK HAZARD!** Do not use this heater in the immediate surroundings of a bath, a shower, or a swimming pool.

**▲ WARNING**

**BURN HAZARD!** Do Not touch the front of heater while it is operating. This heater is hot while operating.

**▲ WARNING**

**Risk Of injury!** Do Not move heater while it is operating.

**▲ WARNING**

**RISK OF ELECTRIC SHOCK!**  
**DISCONNECT FROM POWER BEFORE  
MAINTENANCE.**

## **NEVER LEAVE HEATER UNATTENDED WHILE CONNECTED TO A POWER SOURCE**

Children should be supervised so they do not play with the appliance.

**ALWAYS** use only the electrical power (voltage and frequency) specified on the model plate of the heater.

**ALWAYS** use an extension cord properly rated for this appliance.

**ALWAYS** ensure that all cords are protected against short circuit and overload.

**ALWAYS** keep power cord away from hot air outlet.

**ALWAYS** disconnect heater from power source when not in use.

**NEVER** place the heater on a small, uneven or unstable surface that may cause the heater to fall.

**NEVER** connect other appliances to the same electrical outlet as the fan heater.

**NEVER** operate heater with heater guards removed.

**NEVER** block hot air outlet while heater is operating.

**NEVER** cover or obstruct heater.

**NEVER** use ducting with heater.

**NEVER** pull or carry heater by the power cord.

**NEVER** use heater with an external switching device: such as a timer.

If heater is damaged, do not use it. The heater must be serviced by a qualified person or service agent.

# NEVER LEAVE HEATER UNATTENDED WHILE CONNECTED TO A POWER SOURCE

## Operation

1. Position the fan heater so that it stands upright on a firm, level surface and at a safe distance from wet environments and flammable objects.
2. Connect the fan heater to the proper electrical power.
3. Set the thermostat dial to “+”.
4. The fan heater will switch on when the function selector dial is set to one of the power settings.
5. Once the room reaches the desired temperature, turn the thermostat dial back until heating element turns off.
6. Before you switch off the heater, please turn the thermostat to “-” and turn the switch to the fan position. Let the appliance cool down for two minutes, and only then turn off the heater and pull out the plug from the power supply.

## **Automatic Overheat Safety Control**

- This heater is equipped with safety internal heat limiting thermostat and overheat protection circuit. When a potential overheat temperature is reached, the system will automatically shut the heater off.

## Thermostat Instructions

- At first, set the thermostat to “+” and let the heater operate with full power input. When the room temperature reaches the required value, turn the thermostat to the left until it switches off.

- The thermostat will then switch on and off automatically to control the room temperature according to the preset value and keep the room temperature constant.
- When using the heater for the first time, you may notice a slight emission of smoke. This is quite normal and it stops after a short time. The heating element is made of steel and was coated with a layer of protective oil during production. The smoke is caused by the leftover oil as it is heated.

## Cleaning and Maintenance

- Before cleaning the appliance, disconnect it from the outlet and let it cool down.
- The enclosure is easy to get dirty. Wipe it often with a soft sponge. For very dirty parts, wipe with a sponge dipped in < 50°C water and mild detergent, then dry the heater enclosure with a clean cloth. Be careful not to let the water enter the inside of the appliance
- In order to protect the enclosure, don't splash water onto the heater, and never use a solvent like gasoline, isoamyl acetate, toluene, etc. to clean the heater.
- When you store the heater, let it cool down first and, keep it dry. Then cover it with a plastic bag, put it in the packing box and store it in a dry, ventilated place.



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## Plug Replacement



**WARNING**

**RISK OF ELECTRIC SHOCK!  
DISCONNECT FROM POWER  
BEFORE MAINTENANCE.**

***NOTE: This section only applies to heaters sold or used in Great Britain.***

This appliance is supplied with a BS1363 3 pin plug fitted with a fuse. Should the fuse require replacement, it must be replaced with a fuse with the proper amp rating. (see Technical Specifications page 5) and approved to BS1362.

In the event the mains plug has to be removed/ replaced for any reason, please note:

**IMPORTANT:** The wires in the mains lead are colored in accordance with the following code:

Blue – Neutral    Brown – Live  
Green/Yellow – Earth

As the colors of the wires in the mains lead of this appliance may not correspond with the colored markings identifying the terminals in your plug, proceed as follows:

The blue wire must be connected to the terminal marked with an N or colored black. The brown wire must be connected to the terminal marked with an L or colored red. The green/ yellow wire must

be connected to the earthing terminal which is marked with an E or with the earth symbol.

**NOTE:** If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket.



**Never connect live or  
neutral wires to the  
earth terminal of the  
plug.**

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### Plug Replacement Wiring Diagram

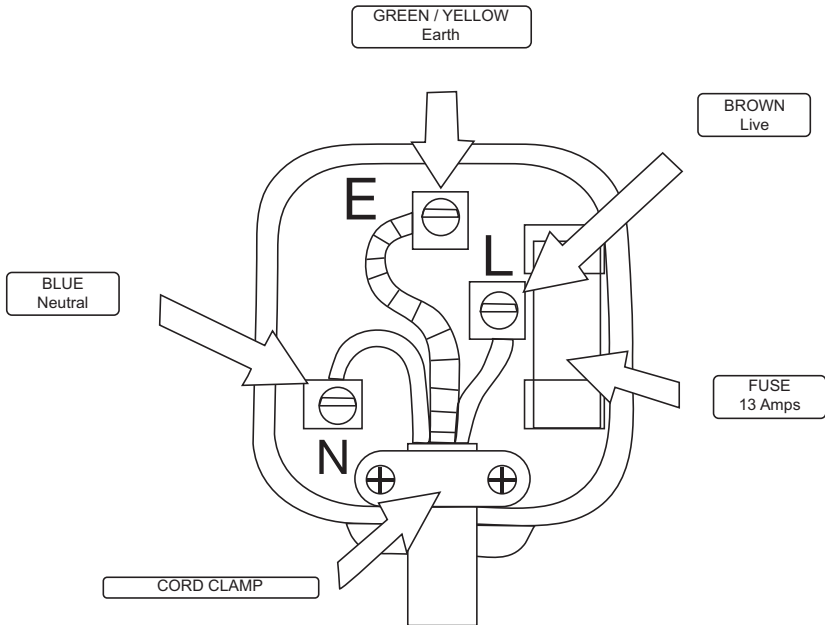


Figure 3

# NEVER LEAVE HEATER UNATTENDED WHILE CONNECTED TO A POWER SOURCE

## Troubleshooting

Problem	Cause	Solution
The heater does not run, even when it is plugged in and the thermostat is switched on	1. The plug is loose, bad connection.	1. Pull out the plug, check the connection of the plug and socket. Then connect again.
The heating element is glowing	1. The input voltage is too high or too low 2. The air inlet grill is blocked.	1. Use correct power supply stated on the rating label. 2. Keep the heater away from items such as; plastic bags, paper, and other items that can cover the air inlet.
The appliance didn't heat up, only the ventilator worked.	1. The switch was not on a heat setting 2. Desired room temperature reached 3. The self-resetting cut-out initiated	1. Turn the switch to the desired heat setting 2. Thermostat will shut off once desired room temperature is reached. Heater is operating correctly. 3. Turn the heater off and inspect the blockage of inlet or outlet. Disconnect the plug and wait at least 10 minutes for the protection system to reset before attempting to restart the heater.
Abnormal noise.	1. The appliance is not standing upright.	1. Place the heater on a level surface.

# NEVER LEAVE HEATER UNATTENDED WHILE CONNECTED TO A POWER SOURCE

## Information requirements for electric local space heaters

Model identifier(s): ST-22-240-E					
Item	Symbol	Value	Unit	Item	Unit
<b>Heat output</b>				<b>Type of heat input, for electric storage local space heaters only (select one)</b>	
Nominal heat output	$P_{nom}$	2.0	kW	manual heat charge control, with integrated thermostat	NO
Minimum heat output (indicative)	$P_{min}$	1.0	kW	manual heat charge control with room and/or outdoor temperature feedback	NO
Maximum continuous heat output	$P_{max,c}$	2.0	kW	electronic heat charge control with room and/or outdoor temperature feedback	NO
				fan assisted heat output	NO
<b>Auxiliary electricity consumption</b>				<b>Type of heat output/room temperature control (select one)</b>	
At nominal heat output	$el_{max}$	N/A	kW	single stage heat output and no room temperature control	NO
At minimum heat output	$el_{min}$	N/A	kW	two or more manual stages, no room temperature control	NO
In standby mode	$el_{SB}$	N/A	kW	with mechanic thermostat room temperature control	YES
				with electronic room temperature control	NO
				electronic room temperature control plus day timer	NO
				electronic room temperature control plus week timer	NO
				<b>Other control options (multiple selections possible)</b>	
				room temperature control, with presence detection	NO
				room temperature control, with open window detection	NO
				with distance control option	NO
				with adaptive start control	NO
				with working time limitation	NO
				with black bulb sensor	NO
Contact details	Name and address of the manufacturer or its authorised representative Obelis S.A Bd. General Wahis, 53 1030 Brussels, Belgium				

# NEVER LEAVE HEATER UNATTENDED WHILE CONNECTED TO A POWER SOURCE

## Information requirements for electric local space heaters

Model identifier(s): ST-23-240-E					
Item	Symbol	Value	Unit	Item	Unit
<b>Heat output</b>				<b>Type of heat input, for electric storage local space heaters only (select one)</b>	
Nominal heat output	$P_{nom}$	3.0	kW	manual heat charge control, with integrated thermostat	NO
Minimum heat output (indicative)	$P_{min}$	1.5	kW	manual heat charge control with room and/or outdoor temperature feedback	NO
Maximum continuous heat output	$P_{max,c}$	3.0	kW	Electronic heat charge control with room and/or outdoor temperature feedback	NO
				fan assisted heat output	NO
<b>Auxiliary electricity consumption</b>				<b>Type of heat output/room temperature control (select one)</b>	
At nominal heat output	$el_{max}$	N/A	kW	single stage heat output and no room temperature control	NO
At minimum heat output	$el_{min}$	N/A	kW	two or more manual stages, no room temperature control	NO
In standby mode	$el_{sb}$	N/A	kW	with mechanic thermostat room temperature control	YES
				with electronic room temperature control	NO
				electronic room temperature control plus day timer	NO
				electronic room temperature control plus week timer	NO
				<b>Other control options (multiple selections possible)</b>	
				room temperature control, with presence detection	NO
				room temperature control, with open window detection	NO
				with distance control option	NO
				with adaptive start control	NO
				with working time limitation	NO
				with black bulb sensor	NO
Contact details	Name and address of the manufacturer or its authorised representative Obelis S.A Bd. General Wahis, 53 1030 Brussels, Belgium				

# NEVER LEAVE HEATER UNATTENDED WHILE CONNECTED TO A POWER SOURCE

## Information requirements for electric local space heaters

Model identifier(s): ST-25-400-E					
Item	Symbol	Value	Unit	Item	Unit
<b>Heat output</b>				<b>Type of heat input, for electric storage local space heaters only (select one)</b>	
Nominal heat output	$P_{nom}$	5.0	kW	manual heat charge control, with integrated thermostat	NO
Minimum heat output (indicative)	$P_{min}$	3.3	kW	manual heat charge control with room and/or outdoor temperature feedback	NO
Maximum continuous heat output	$P_{max,c}$	5.0	kW	electronic heat charge control with room and/or outdoor temperature feedback	NO
				fan assisted heat output	NO
<b>Auxiliary electricity consumption</b>				<b>Type of heat output/room temperature control (select one)</b>	
At nominal heat output	$el_{max}$	N/A	kW	single stage heat output and no room temperature control	NO
At minimum heat output	$el_{min}$	N/A	kW	two or more manual stages, no room temperature control	NO
In standby mode	$el_{sb}$	N/A	kW	with mechanic thermostat room temperature control	YES
				with electronic room temperature control	NO
				electronic room temperature control plus day timer	NO
				electronic room temperature control plus week timer	NO
				<b>Other control options (multiple selections possible)</b>	
				room temperature control, with presence detection	NO
				room temperature control, with open window detection	NO
				with distance control option	NO
				with adaptive start control	NO
				with working time limitation	NO
				with black bulb sensor	NO
Contact details	Name and address of the manufacturer or its authorised representative Obelis S.A Bd. General Wahis, 53 1030 Brussels, Belgium				

# NEVER LEAVE HEATER UNATTENDED WHILE CONNECTED TO A POWER SOURCE

## STANLEY® ASISTENCIA

Belgique et Luxembourg België en Luxemburg	E. Walschaertstraat 14 2800 Mechelen Belgium	www.stanleyworks.be Enduser.be@SBDinc.com BE-NL = +32 15 47 37 65 BE-FR = +32 15 47 37 64 BE-Fax: +32 15 47 37 100	United Kingdom	210 Bath Road; Slough, Berks SL1 3YD	www.stanleytools.co.uk Tel: +44 (0)1753 511234 Fax: +44 (0)1753 512365
Danmark	Roskildevej 22 2620 Albertslund	www.stanleyworks.dk kundeservice.dk@sbdinc.com Fax: 70224910	Hungary	Rotel Kft. 1163 Budapest, Thököly út 17.	www.stanleyworks.hu service@rotelkft.hu Tel +36 1 404-0014 Fax+36 1 403-2260
Deutschland	Richard Klingner Str. 11 65510 Idstein	www.stanleyworks.de info@sbdinc.de Tel: 06126-21-1 Fax: 06126-21-2770	Czech Republic	BAND SERVIS CZ s.r.o. K Pasekam 4400 760 01 Zlín, Czech Republic	www.stanleyworks.cz http://www.bandservice.cz Tel.: +420 577 008 550 Fax.: +420 577 008 559
Ελλάδα	Ημεροσ Τόμος 2 - Χάμι Αδών Αερόπυργος -19300 -Αρτική - Αρτικής	www.stanley.gr Greece.Service@sbdinc.com Tηλ: +30 210 8985208 Φαξ: +30 210 5597598	Slovakia	BAND SERVIS S.r.o. Paulínska 22 917 01 Trnava, Slovakia	www.bandservice.sk Tel.: +421 335 511 063 Fax: +421 335 512 624
España	Parque de Negocios "Mas Blau" Edificio Muntadas, c/Bergadá, 1, Of. A6 08820 El Prat de Llobregat (Barcelona)	www.stanleyworks.es respuesta.postventa@sbdinc.com Tel: 934 797 400 Fax: 934 797 419	Poland	Erpatech ul. Bakaliowa 26 05-080 Mocsiska	www.stanleyworks.pl Tel.: +48 22 431 05 00 Fax: +48 22 468 87 35
France	5, allée des hêtres BP 30084, 69579 Limonest Cedex	www.stanleyoutillage.fr scufir@sbdinc.com Tel: 04 72 20 39 77 Fax: 04 72 20 39 00	Slovenia	G-M&M d.o.o. Brvace 11 1290 Grosuplje Slovenija	www.g-mm.si gmm@g-mm.si T: +386 01 78 66 500 F: +386 01 78 63 023
Schweiz Suisse Svizzera	In der Luberzen 42 8902 Urdorf	www.stanleyworks.ch verkaufsb.d@sbdinc.com Tel: 044 - 755 60 70 Fax: 044 - 730 70 67	Cyprus	IOANNOU J. 4A Ath. Diakou street 1046- Nicosia -Cyprus	ioanou.ioannis@cyanet.com.cy Tel: +357 2234302 Fax: +357 22348098
Ireland	210 Bath Road; Slough, Berks SL1 3YD UK	www.stanleytools.co.uk Tel: +44 (0)1753 511234 Fax: +44 (0)1753 512365	Bosnia-Herzegovina	G-M&M d.o.o. Brvace 11 1290 Grosuplje Slovenija	www.g-mm.si gmm@g-mm.si T: +386 01 78 66 500 F: +386 01 78 63 023
Italia	Energy Park—Building 03 sud Via Energy Park 6 20871 Vimercate (MB)	www.stanley.it Tel. 039-9590-200 Fax 039-9590-313	Bulgaria	TASHEV-GALVING LTD 68 KLIMENT OHRIDSKI BLVD. 1756 Sofia, Bulgaria	www.tashev-galving.com T: +359 2 700 45 45 4 F: +359 (2) 439 21 12
Nederlands	Stanley Black & Decker Netherlands B.V. Postbus 83 6120 AD Born	www.stanley.nl Enduser.NL@SBDinc.com Tel: +31 164 28 30 63 NL Fax: +31 164 28 32 00	Croatia	G-M&M d.o.o. Brvace 11 1290 Grosuplje Slovenija	www.g-mm.si gmm@g-mm.si T: +386 01 78 66 500 F: +386 01 78 63 023
Norge	Postboks 4613, Nydalen 0405 Oslo	www.stanleyworks.no kundeservice.no@sbdinc.com Fax: 45 25 08 00	Estonia	AS Tallmac Mustame tee 44, EE-10621 Tallinn	www.tallmac.ee/est T: +372 6562999 F: +372 6562855
Österreich	Oberlaaerstrasse 248 A-1230 Wien	www.stanleyworks.de service.austria@sbdinc.com Tel: 01 - 66116 - 0 Fax: 01 - 66116 - 14	Latvia	LIC ĢĒTUS SIA Ulbrokas Str. LT - 1021 Rīga	www.ligetusts.lv T: +371 67565949 F: +371 67555140
Portugal	Quinta da Fonte - Edifício Q55 D. Diniz Rua dos Malhães, 2 e 2A - Piso 2 Esquerdo 2770 - 071 Paços de Arcos	www.stanleyworks.pt resposta.posventa@sbdinc.com Tel: 214 66 75 00 Fax: 214 66 75 75	Lithuania	UAB EUREMITA OU Neries Ix. 16E LT - 48402 Kaunas	info@euremita.lt T: +370 485 - 29035 F: +370 37 - 406540
Suomi	PL 47 00521 Helsinki	www.stanleyworks.fi customerservice.fi@sbdinc.com Puh: 010 400 4333	Malta	Energy park—Building 03 sud, Via Energy Park 6 20871 Vimercate (MB)	www.stanley.it Tel. 039-9590-200 Fax 039-9590-313
Sverige	Box 94 431 22 Mölndal	www.stanleyworks.se kundservice.se@sbdinc.com Fax: 31 68 60 08	Romania	Stanley Black & Decker Phoenicia Business Center Strada Turturelelor, nr 11A, Etaj 6, Modul 15, Sector 3 Bucuresti	www.stanleyworks.ro T: +4021.320.61.04/05 F: +4037.225.36.84
			Serbia	G-M&M d.o.o. Brvace 11 1290 Grosuplje Slovenija	www.g-mm.si gmm@g-mm.si T: +386 01 78 66 500 F: +386 01 78 63 023

# STANLEY®

Pinnacle Climate Technologies, Inc.  
Sauk Rapids, MN 56379 USA

**EC | REP**

Obelis S.A.  
Registered Address:  
Bd. Général Wahis, 53  
1030 Brussels, Belgium

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