Jefferson®
PROFESSIONAL TOOLS & EQUIPMENT

Infrared Direct Air Heater

with Thermostatic Control

70,000BTU - Diesel / Kerosene / Paraffin

INFERNO iR75

JEFHTRAD075TH

User Manual

v.1.1

CE

CONTENTS

ABOUT THIS DOCUMENT

This manual has been compiled by Jefferson Tools and is an integrated part of the product with which it's enclosed and should be kept with it for future reference. Please read all of the information supplied in this User Manual before operating this product.

This manual describes the purpose for which the product has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that you read the information supplied before carrying out any maintenance or repair. By following all the general safety instructions contained in this manual you will help to ensure operator safety and extend the potential life span of the equipment.

All photographs and drawings in this manual are supplied by Jefferson Tools to help illustrate the operation of the product. Whilst every effort has been made to ensure accuracy of information contained in this manual our policy of continuous improvement determines the right to make modifications without prior warning.

Contact your nearest Jefferson Dealer if you are unsure about any information included in this manual or require any additional information about the safe use, operation, maintenance, or repair of this equipment.

INTRODUCTION

- The Jefferson iR75 Infrared Direct Oil Heater produces 70,000 BTU (20kW) of infrared heat which is ideal for heating large well-ventilated spaces including garages and warehouses.
- Suitable for use with diesel, kerosene or paraffin fuel
- Equipped with a durable 12L steel fuel tank with an economical average fuel consumption of 1.6ltr/hr.
- Includes an LED thermostatic control with automatic cut-off for cost savings from reduced energy and fuel usage.
- With a timed ventilation system to help cool the combustion chamber
- Designed with a tough powder-coated housing to enhance protection from the elements and the working environment
- Includes a strong carry handle on top of the heater, a safety grill, simple on/off switch and ignition button.

SPECIFICATIONS

Voltage ~ Frequency:	230V ~ 50Hz
Power:	105W
Power Cable / Plug:	3C 1770mm / UK 13A
Heat Output:	70,000 BTU/Hr (20.5kW)
Average Heating Capacity:	14,000ft³ / 396mtr³
Fuel Consumption:	1.6 L /Hr
Fuel Type:	Diesel / Kerosene / Paraffin
Fuel Tank Capacity:	12L
Maximum Running Time:	7 Hrs
Automatic Shut-Off:	Yes
Dimensions (LxWxH):	57.6 x 33 x 57.5cm
Weight:	16.5kg

EQUIPMENT IDENTIFICATION

SAFETY GUIDELINES

Please read and ensure that you understand all of the operating instructions, safety precautions and warnings in this Instruction Manual before operating or maintaining this equipment. Save this user manual and keep it with the equipment for future reference. An accident can often be avoided by recognizing a potentially hazardous situation before it occurs, and by observing the appropriate safety procedures.

Never use this equipment or modify it in any way that has not been specifically recommended by the manufacturer. Ensure that the heater is maintained, cleaned and serviced regularly and stored in a suitable environment. Check the equipment for any signs of damage before use. Check the Contact a qualified electrician for advice on any issues relating to electrical safety in your working environment.

GENERAL EQUIPMENT SAFETY

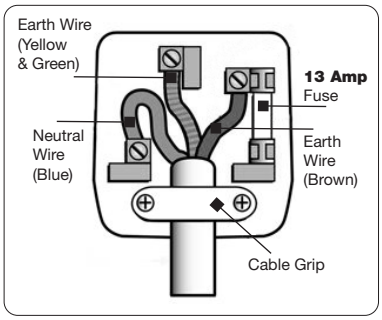
- When using your heater, basic safety precautions should always be followed to reduce the risk of fire, electric shock, personal injury and / or damage to the heater.
- Familiarise yourself with the specifications, fuel and electrical supply requirements, equipment controls, warning labels and operating instructions before use.
- Do not use this heater in damp or wet locations, including bathrooms or similar or expose it to rain.
- (refer to clearance guidelines included in this document.
- Never operate this heater in explosive atmospheres, or in environments that contain flammable liquids, gases, dust or other combustible sources.
- Keep children, pets, animals and untrained personnel away from the work area during operation.
- The heater should be stored in a dry, secure location when not in use.
- Do not alter the machine in any manner which might cause any risk to its safe operation.
- Keep work area clear around the machine. Cluttered areas can cause accidents and injuries.
- Check the equipment and cabling before use. Never use the heater if any damage is detected. Contact Jefferson Tools for help and advice on all aspects or repair or maintenance of this equipment.
- Only use Jefferson approved replacement parts to ensure safe use of the equipment and avoid invalidating the warranty. Always use a qualified engineer to carry out repairs.
- Do not allow untrained persons to operate the heater and do not operate the heater without all covers and housing correctly fitted.
- Do not move or handle the heater when it is running or still hot - always turn it off and allow it to cool first.
- Do not leave the heater unattended when in use. Switch the heater off and unplug from the mains supply before leaving the work area.
- Do not obstruct the air inlet (rear) or air outlet (front) of the heater.
- Do not use any form of ducting in front or at the rear of the heater.
- Only use the heater in an upright position on a level surface with sufficient clearance (see page 7)
- Never stand on the heater

WARNING:
No responsibility is accepted for incorrect use of this equipment. Incorrect use can result in damage to the equipment and danger to the user. Warranty will be void in the event of incorrect use. The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

ELECTRICAL SAFETY

Ensure that you check the equipment thoroughly to ensure it is safe and fit for purpose before each use. It is important that you inspect all plugs, sockets, power cables and electrical fittings for wear and damage and repair or replace any defective components. The risk of electric shock can be minimised by the correct use of the appropriate electrical safety devices.

- We recommend that you fit a Residual Current Circuit Breaker (RCCB) in the main distribution board and that a Residual Current Device (RCD) is used when operating this equipment.
- The Electricity at Work Act 1989 includes legislation that places legal implications on employers to ensure the safety of electrical devices in the workplace. The regulations dictate that all portable equipment must be inspected regularly and tested to ensure that it is safe for use. 'Portable equipment' means any electrical item that can be moved and this is often referred to as Portable Appliance Testing (PAT). PAT testing should be carried out regularly on this equipment by trained, authorised personnel, as required by the legislation.
- The Health and Safety at Work Act 1974 states that it is the responsibility of the owner of electrical appliances to ensure that both the equipment and working environments are maintained to ensure safe operation at all times.
- Check that all equipment cables are secure, correctly insulated, free from damage, and protected against short circuit and overload before connecting to the power supply. Do not use worn or damaged cables, plugs, sockets or other fittings.
- Ensure that the power supply matches voltage requirements specified on the equipment and that the plug is wired correctly and fitted with the correct fuse.
- If the electrical fuse blows, ensure it is replaced by an identical type of fuse with the same rating.
- Never pull or manoeuvre this equipment into position using the power cable.
- Ensure the power cable is kept away from heat, oil and sharp edges.
- We recommend that the equipment is connected directly to the power supply without the use of extension leads as the resulting voltage drop can reduce motor performance.
- Always disconnect the equipment from the power source before servicing, inspecting, maintaining, cleaning, replacing or checking any parts.



WORK AREA SAFETY

- Always ensure a sufficient working area, that is clean and tidy, and free access to the machine and peripheral devices.
- Ensure sufficient lighting is available in the working area which will not create shadows or cause a stroboscopic effect.
- Disconnect the heater from the mains supply when not in use.
- Avoid unintentional starting: Make sure the switch is in the "**OFF**" position before connecting the heater to the mains supply.
- Never carry the heater by the mains lead or pull it to remove the plug from the mains socket. Keep the mains lead away from heat, oil and sharp edges.
- If the mains lead is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid unwanted hazards.
- Do not expose the heater to water spray, rain, dripping water or moisture of any kind.
- Do not touch the heater outlet or any internal parts when first switched off as these can be hot and will take time to cool.
- Ensure that the heater is correctly turned off when not in use and stored in a safe, dry area, out of reach of children.
- Do not unplug the heater to switch it off - always use the ON / OFF switch on the control panel and allow the cooling fan to run and automatically stop (after around 3 minutes?) before disconnecting from the mains supply.

WARNING: *Do not use the heater near flammable material, liquids, solids, gases or compressed gas cylinders. Do not direct the front of the heater towards any combustible materials (e.g. wooden items, cloth, plastics, paper,*

ASSEMBLY INSTRUCTIONS

FITTING THE HANDLE

1. Attach the handle by lining up the holes in the handle with the holes on the upper shell / housing of the heater (see **Fig.1**).

2. Insert the screws and tighten until secure.

FITTING THE STAND

1. Line up the holes on the stand with the holes on the fuel tank of the heater as shown in (see **Fig.2**).

2. Fit the screws through the holes and secure in place by fitting and tightening the nuts.

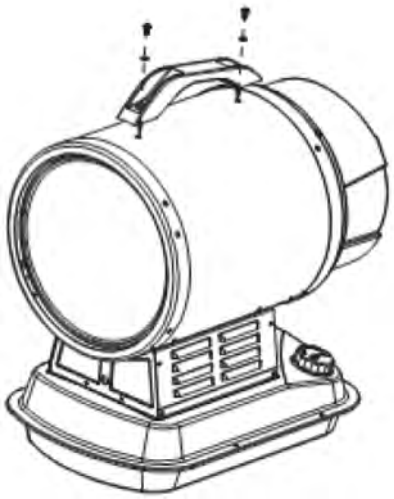


Fig. 1

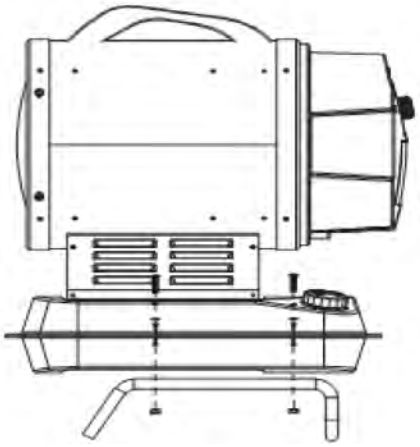
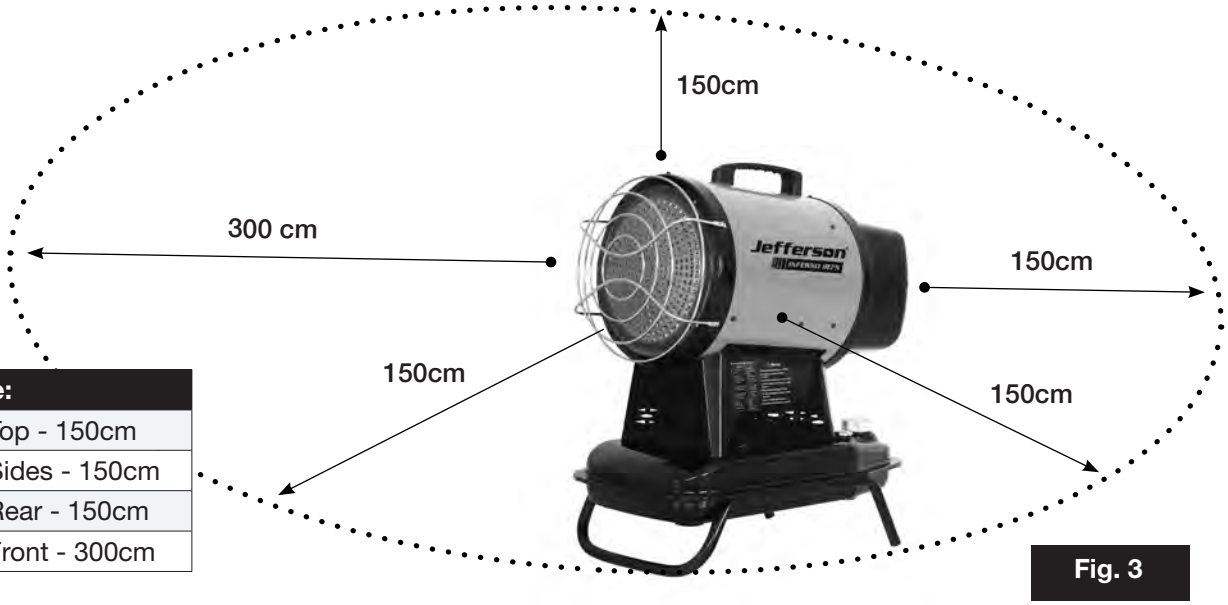


Fig. 2

Please Note: When using the heater for the first time, you may notice a slight emission of smoke, or a slight burning smell. This is normal and will stop after a short time. Parts of the heater were coated with protection oil during production. The smoke / smell is caused by any small residue of this oil.

CLEARANCE REQUIREMENTS

Always provide adequate space around the heater as shown in the diagram and table in **Fig.3** below:



Clearance:	
Top:	Top - 150cm
Sides:	Sides - 150cm
Rear:	Rear - 150cm
Front:	Front - 300cm

Fig. 3

OPERATING PRINCIPLE

The Jefferson iR75 Direct Oil heater produces up to 70,000BTU (20kW) of infrared heat, which warms objects rather than the air.

Infrared is the same heat we feel from an environment warmed by the sun and makes this heater an ideal solution for heating large well-ventilated spaces like garages and warehouses.

Airflow is necessary to ensure proper combustion; It is supplied by the internal burner fan. The air enters the burner funnel and gets mixed with a high-pressure fuel jet.

The fuel flow is supplied by an electrical pump, which sucks the fuel from the tank and moves it to the nozzle under high pressure.

The iR75 heater is fitted with safety cut-outs to protect against over-heating and to protect the heater should it tip over.

The heater is also equipped with a clean and efficient burning unit which operates on diesel, kerosene or paraffin.

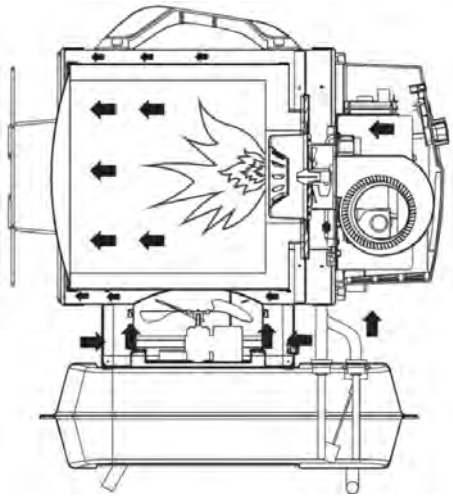


Fig. 4

WARNING: Do Not Use Petrol or Gasoline Fuel With This Heater!

WORKING ENVIRONMENT

VENTILATION

WARNING! Only operate and refuel/fuel the heater in well ventilated areas. careful consideration must be given to the placement of the heater to provide safe and comfortable heating. Ensure continuous ventilation is provided to the heater operating area. A ventilation opening must run to the outside of the premises in which the heater is to be operated.

WARNING! Air contaminants taken into the heater may affect the heat output, damage the heater and may cause health problems.

Example: Body-shop filler dust/paint overspray will damage the motor bearing, clog the filter and compressor and contaminate the combustion chamber causing flame flutter and health hazards.

Please note that any parts damaged by filler dust/paint overspray or similar will not be covered by warranty.

OPERATING INSTRUCTIONS

STARTING THE HEATER

1. Fill the fuel tank until the fuel gauge points to "**F**".
2. Ensure the fuel cap is securely replaced.
3. Plug the mains lead into a suitable power socket and turn the mains switch on.
4. Push the Power switch on the control panel to the "**ON**" (**I**) position.

Note: *The temperature that the thermostat is set to will be shown on the display: If the set temperature is lower than the ambient temperature, the heater will not run and after a few seconds the ambient temperature will show on the display.*

5. To start the heater, turn the thermostat control clockwise to raise the set temperature (as shown on the display) above the ambient temperature and the heater will run. If the set temperature is higher than the ambient temperature the heater will start to run.
6. Once running the ambient temperature will show on the display.

The set temperature can be adjusted at anytime during operation; Turn the thermostat control left to lower the temperature and clockwise to raise the temperature, at this time the temperature on the display indicates the set temperature and after a few seconds it will change to the ambient temperature.

The heater will run until the ambient temperature goes above the set temperature, at which point the heater will automatically stop running until the ambient temperature drops below the set temperature, or the thermostat is turned up.

STOPPING THE HEATER

1. Turn the power switch to the "**OFF**" (**0**) position.

2. Combustion will stop and the cooling cycle will begin.

3. When cooling cycle has been completed and the fan stops running (approximately **3 minutes**), it is safe to turn off and unplug the heater at the mains supply.

WARNING! *Do not turn the mains switch off or disconnect the heater from the mains supply to stop the heater or until the cooling cycle is complete. Turning the mains switch off, or removing the plug from the mains supply to stop the heater or before the cooling cycle is complete may cause overheating, possible damage to the heater and will void the warranty.*

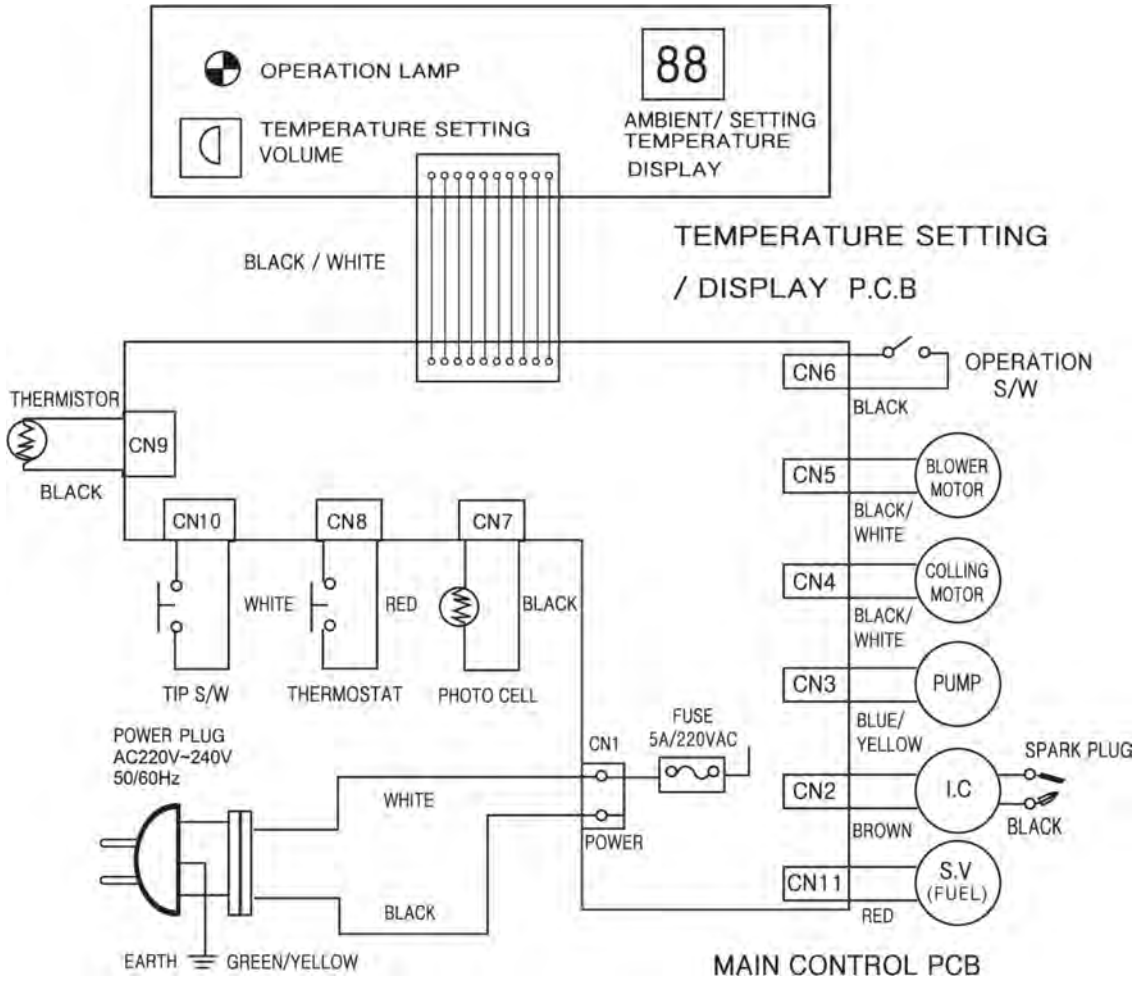
MAINTENANCE

Component:	Frequency:	Procedure:
Fuel Tank	Clean every 150-200 hours of operation or when necessary.	Empty and rinse with fresh fuel.
Nozzle	Clean or replace once per season or when necessary.	Contact Jefferson Tools or Service Centre.
Photocell	Clean once per season or when necessary.	Contact Jefferson Tools or Service Centre.
Fuel Filter	Clean or replace twice per sea- son or when necessary.	Clean the fuel filter with clean fuel.
Ignition Device	Clean or replace every 1000 hours of operation, or when necessary.	Contact Jefferson Tools or Service Centre.
Fan Blades	Clean when necessary.	Contact Jefferson Tools or Service Centre.

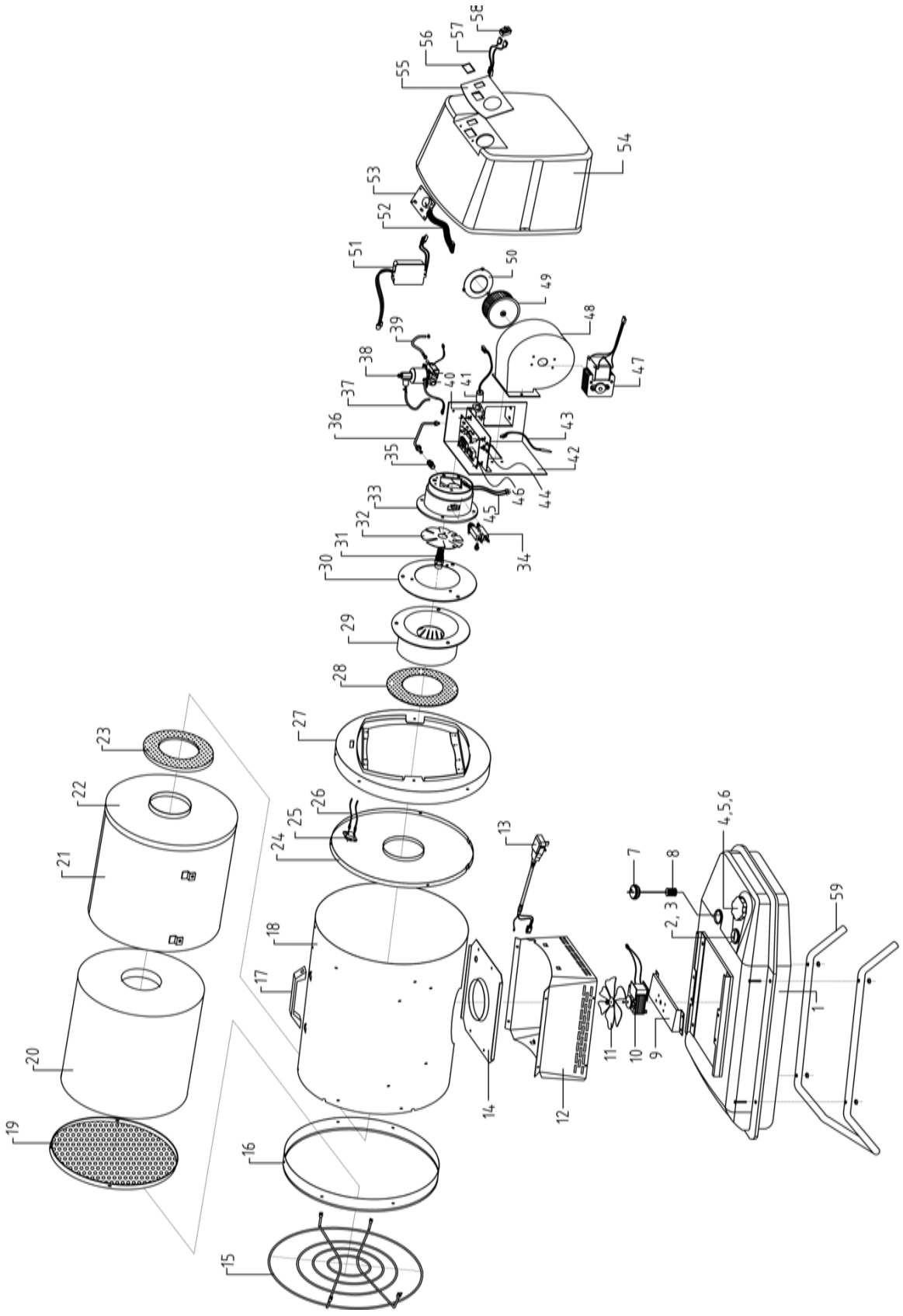
TROUBLESHOOTING / ERROR CODES

ERROR CODE	CAUSE	SOLUTION
E0	**Operator Error:**	
	1. The power switch is in the "**ON**" (**I**) position when the heater is connected to the mains supply.	1. Disconnect the heater from the mains supply, turn the power switch to the OFF position and reconnect to the mains supply.
E1	**Photocell Error:**	
	1. No fuel in tank. 2. Fuel is contaminated / dirty. 3. Fuel filter is dirty / blocked. 4. Photocell is dirty or faulty. 5. Ignition error.	1. Turn the power switch "OFF" and refuel the heater. 2. Turn the power switch "OFF" and drain the fuel tank; Clean or replace the fuel filter and refill the tank with clean fuel. 3. Clean or replace the fuel filter. 4. Contact service centre. 5. Contact service centre.
E2	**Temperature Control Sensor Error:**	
	1. Cable fallen off or damaged. 2. Sensor faulty / damaged. 3. Ambient temperature above 60°C.	1. Contact service centre. 2. Contact service centre. 3. Normal (see page 9 "Starting the Heater").
E3	**Thermostat Error:**	
	1. Heaters internal temperature is too high. 2. Anti-tilt sensor activated.	1. Turn the heater off and allow it to cool, then restart. 2. Set the heater on a firm level surface, and restart.
E4	**Blower Motor Error:**	
	1. Power cable not connected properly or damaged.	2. Contact service centre.
E5	**Cooling Motor Error:**	
	1. Power cable not connected properly or damaged.	2. Contact service centre.
Hi	1. Ambient temperature below 59°C.	1. Normal (see page 9 "Starting the Heater").
LO	1. Ambient temperature below - 9°C.	1. Normal (see page 9 "Starting the Heater").
CH	1. Continuous operation 55°C .	1. Normal

CIRCUIT / WIRING DIAGRAM



PARTS DIAGRAM



PARTS LIST

#	Description	#	Description
1.	Fuel Tank	**30.**	Insulator Plate
2.	Fuel Gauge	**31.**	Nozzle
3.	Fuel Gauge Seal	**32.**	Burner Head Blade
4.	Fuel Cap	**33.**	Burner Head
5	Fuel Cap Seal (outer)	**34.**	Electrode
5-1.	Fuel Cap Seal (inner)	**35.**	Nipple
6	Fuel Filter	**36.**	Electronic Pump Pipe
7.	Pumping Filter Seal	**37.**	PVC Return Hose
8.	Pumping Filter	**38.**	Electric Pump
9.	Cooling Motor Base	**39.**	Fuel Hose
10.	Cooling Motor	**40.**	Photocell
11.	Cooling Fan	**41.**	Photocell Bracket
12.	Support	**42.**	Control Base
13.	Mains Lead	**43.**	Thermistor
14.	Air Outlet Plate	**44.**	Tilt Switch Wire
15.	Front Guard	**45.**	Tilt Switch
16.	Cover Ring	**46.**	PCB
17.	Handle	**47.**	Blower Motor
18.	Main Cover	**48.**	Blower Casing
19.	Heating Plate	**49.**	Blower Fan
20.	Insulator	**50.**	Inlet
21.	Inner Body	**51.**	Igniter
22.	Inner Body Cover	**52.**	Sub PCB Wire
23.	Inner Body Gasket	**53.**	Sub PCB
24.	Air Guard	**54.**	Rear Cover
25.	Thermostat	**55.**	Label
26.	Thermostat Wire	**56.**	Display Window
27.	Rear Plate	**57.**	Main Switch Cable
28.	Burner Gasket	**58.**	On/Off Switch
29.	Diffuser	**59.**	Stand

Energy Related Product (ErP) Directive Information

Model:	JEFHTRAD075TH - Infrared Direct Oil Heater		
Indirect Heating Functionality:	No		
Direct Heat Output:	70,000BTU / 20.5kW		
Fuel:	Paraffin / Diesel / Kerosene		**Space Heating Emissions:**
			Nox
Select Fuel Type:	Liquid		46 mg/kWhinput (GCV)

Item	***Symbol***	***Value***	***Unit***		***Item***	***Symbol***	***Value***	***Unit***
Heat Output					**Useful efficiency (NCV)**			
Nominal heat output	Pnom	20.3	kW		Useful efficiency at nominal heat output	$\eta_{th,nom}$	92.6	%
Minimum heat output (indicative)	Pmin	N/A	kW		Useful efficiency at minimum heat output (indicative)	$\eta_{th,min}$	N/A	%
Auxiliary electricity consumption					**Type of heat output/room temperature control (select one)**			
At nominal heat output	elmax	0.115	kW		single stage heat output, no room temperature control			No
At minimum heat output	elmin	0.115	kW		two or more manual stages, no room temperature control			No
In standby mode	elSB	N/A	kW		with mechanic thermostat room temperature control			No
					with electronic room temperature control			Yes
					with electronic room temperature control plus day timer			No
					with electronic room temperature control plus week timer			No
					Other control options (multiple selections possible)			No
					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
Permanent pilot flame power requirement								
Pilot flame power requirement (if applicable)	Ppilot	N/A	kW					
Contact Details	**Jefferson Professional Tools & Equipment** 24 Lisgorgan Lane, Upperlands, BT46 5TE **Tel:** +44 (0)1244 646 048 (UK) / +353 (0)1473 0300 (ROI) **Email:** info@jeffersontools.com **Website:** www.jeffersontools.com							

EU DECLARATION OF CONFORMITY

We, Jefferson Professional Tools & Equipment, as the authorised European Community representative of the manufacturer, declare that the following equipment conforms to the requirements of the following:

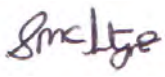
Machinery Directive 2006/42/EC
Low Voltage Directive 2014/35/EU
EMC Directive 2014/30/EU
EN ISO 12100:2010
EN 60204-1:2006/A1:2009 EN 60335-1:2012/A11:2014 EN 61000-3-2:2014
EN 61000-3-3:2013
EN 61000-6-2:2005
EN 61000-6-4:2007/A1:2011 EN 62233:2008

Commission Regulation (EU) 2015/1188 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for local space heaters Annex II

2009/125/EC Annex I, (EU) 2015 / 1188, (EU) 2015 / 1186,

Commission Delegated Regulation (EU) 2015/1186 EN 13842:2004 - Oil fired forced convection air heaters. Stationary and transportable for space heating

European Directive 2011/65/EU concerning RoHS and additionally according to Directive (EU) 2015/863 to amend Annex II with four additional substances: Pb. Hg, Cd, Cr(V1), PBBs and PBDEs could not be detected over the limit defined by the European Directive (EU) 2015/863. DEHP, BBP, DPB and DIB could not be detected over the limit defined by the European Directive (EU) 2015/863.

Equipment Category:	Infrared Direct Oil Heater
Notified Testing Body:	TÜV Rheinland InterCert Kft
Model Number(s):	JEFHTRAD075TH - 70,000 BTU - Infrared Direct Oil Heater
Signed by:	Stephen McIntyre
	
Position in the company:	Operations Director
Date:	21 May 2021
	Technical file holder's address as shown below
Name and address of manufacturer or authorised representative:	**Jefferson Professional Tools & Equipment** 24 Lisgorgan Lane, Upperlands, BT46 5TE **Tel:** +44 (0)1244 646 048 (UK) / +353 (0)1473 0300 (ROI) **Email:** info@jeffersontools.com **Website:** www.jeffersontools.com

LIMITED WARRANTY STATEMENT

Jefferson Professional Tools & Equipment, or hereafter "Jefferson" warrants its customers that its products will be free of defects in workmanship or material. Jefferson shall, upon suitable notification, correct any defects, by repair or replacement, of any parts or components of this product that are determined by Jefferson to be faulty or defective.
This warranty is void if the equipment has been subjected to improper installation, storage, alteration, abnormal operations, improper care, service or repair.

Warranty Period

Jefferson will assume both the parts and labour expense of correcting defects during the stated warranty periods below.

All warranty periods start from the date of purchase from an authorised Jefferson dealer. If proof of purchase is unavailable from the end user, then the date of purchase will be deemed to be 3 months after the initial sale to the distributor.

1 Year
JEFHTRAD075TH - 70,000 BTU Infrared Direct Oil Heater

90 Days
- All replacement parts purchased **outside** of the warranty period

Important: *All parts used in the repair or replacement of warranty covered equipment will be subject to a minimum of 90 days cover or the remaining duration of the warranty period from the original date of purchase*.

Warranty Registration / Activation

You can register and activate your warranty by visiting the Jefferson Tools website using the following address:
www.jeffersontools.com/warranty and completing the online form. Online warranty registration is recommended as it eliminates the need to provide proof of purchase should a warranty claim be necessary.

Warranty Repair

Should Jefferson confirm the existence of any defect covered by this warranty the defect will be corrected by repair or replacement at an authorized Jefferson dealer or repair centre.

Packaging & Freight Costs

The customer is responsible for the packaging of the equipment and making it ready for collection. Jefferson will arrange collection and transportation of any equipment returned under warranty. Upon inspection of the equipment, if no defect can be found or the equipment is not covered under the terms of the Jefferson warranty, the customer will be liable for any labour and return transportation costs incurred. These costs will be agreed with the customer before the machine is returned.

** Jefferson reserve the right to void any warranty for damages identified as being caused through misuse*

Warranty Limitations

Jefferson will not accept responsibility or liability for repairs made by unauthorised technicians or engineers. Jefferson's liability under this warranty will not exceed the cost of correcting the defect of the Jefferson products.

Jefferson will not be liable for incidental or consequential damages (such as loss of business or hire of substitute equipment etc.) caused by the defect or the time involved to correct the defect. This written warranty is the only express warranty provided by Jefferson with respect to its products.

Any warranties of merchantability are limited to the duration of this limited warranty for the equipment involved.

Jefferson is not responsible for cable wear due to flexing and abrasion. The end user is responsible for routine inspection of cables for possible wear and to correct any issues prior to cable failure.

Claiming Warranty Coverage

The end user must contact Jefferson Professional Tools & Equipment +44 (0)1244 646 048 (UK) / +353 (0)1473 0300 (ROI) or their nearest authorised Jefferson dealer where final determination of the warranty coverage can be ascertained.

Step 1 - Reporting the Defect

Online Method:

- Visit our website www.jeffersontools.com/warranty and complete the Warranty Returns form. You can complete the form online and submit it to us directly or download the form to print out and return by post.

Telephone Method:

Contact your Jefferson dealer or sales representative with the following information:

- Model number
- Serial number (usually located on the specification plate)
- Date of purchase

A Warranty Returns form will be sent to you for completion and return by post or fax, together with details of your nearest authorised Jefferson repair centre. On receipt of this form Jefferson will arrange to collect the equipment from you at the earliest convenience.

Step 2 - Returning the Equipment

It is the customer's responsibility to ensure that the equipment is appropriately and securely packaged for collection, **together with a copy of the original proof of purchase**. Please note that Jefferson cannot assume any responsibility for any damage incurred to equipment during transit. Any claims against a third party courier will be dealt with under the terms & conditions of their road haulage association directives.

NOTE: Jefferson will be unable to collect or process any warranty requests without a copy of the original proof of purchase.

Step 3 - Assessment and Repair

On receipt, the equipment will be assessed by an authorised Jefferson engineer and it will be determined if the equipment is defective and in need of repair and any repairs needed are covered by the warranty policy. In order to qualify for warranty cover all equipment presented must have been used, serviced and maintained as instructed in the user manual.

Where repair is not covered by the warranty a quotation for repair, labour costs and return delivery will be sent to the customer (normally within 7 working days).

NOTE: If the repair quotation is not accepted Jefferson Professional Tools & Equipment will invoice **1 hour labour time at £30 per hour plus return carriage costs (plus VAT)**.

In cases where no fault can be found with the equipment, or, if incorrect operation of the equipment is identified as the cause of the problem, a minimum of 1 hour labour at **£30 per hour plus carriage costs** will be required before the equipment will be despatched back to the customer.

Any equipment repaired or replaced under warranty will normally be ready for shipment back to the customer within 7 working days upon receipt of the equipment at an authorised Jefferson Repair centre (subject to part availability). Where parts are not immediately available Jefferson will contact you with a revised date for completion of the repair.

General Warranty Enquiries

For any further information relating to Jefferson warranty cover please call **Tel:** +44 (0)1244 646 048 (UK) / +353 (0)1473 0300 (ROI) or send your enquiry via email to **warranty@jeffersontools.com**

Disclaimer:
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ENVIRONMENTAL PROTECTION

Recycle any packaging and unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment.

When the product becomes completely unserviceable, reaches the end of its working life and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

Waste Electrical and Electronic Equipment (WEEE) Statement

Information on Disposal for Users of Waste Electrical & Electronic Equipment

This symbol on the product(s) and / or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product(s) to designated collection points where it will be accepted free of charge.

For private households:

Dispose of this product at the end of its working life and in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). Contact your local solid waste authority for recycling information for this equipment.

Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling.

Please contact your local authority for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with you national legislation.

For business users in the European Union:

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union:

This symbol is only valid in the European Union. If you wish to discard this product please contact your local authorities or dealer and ask for the correct method of disposal.

IMPORTANT! SAFETY FIRST!

Before attempting to use this product please read all the safety precautions and operating instructions outlined in this manual to reduce the risk of fire, electric shock or personal injury.

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