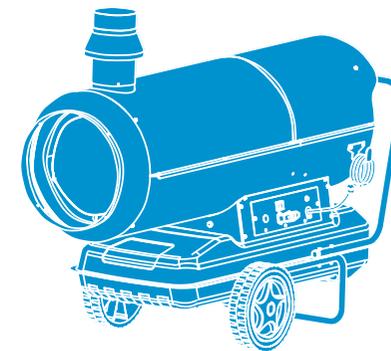


# HSS Hire



## Indirect Oil Fired Heater

Ideal for providing large volumes of clean warm dry air



Code 56587

### EQUIPMENT CARE

**Never push the equipment beyond its design limits.** If it will not do what you want with reasonable ease and speed, assume you have the wrong equipment for the job. Contact HSS Hire for advice.

**Keep the equipment clean** - you will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period.

**When not in use, store the equipment somewhere clean, dry and secure.**

### FINISHING OFF

**Switch the unit OFF** and once the unit has cooled, **disconnect from the power supply. Neatly coil the cable.**

**Verify that the heater is not damaged and that there are no fuel leaks. Remove the residual fuel from the reservoir.**

**Clean the machine ready for return to HSS Hire**

### SAFETY DEVICES

The heater is equipped with an electronic device to control the flame. If there is an anomaly in the functioning, the machine will be turned off and the reset button light will come on. An over-heating thermostat cuts in and shuts off the fuel supply if the heater overheats: the thermostat resets itself automatically when the temperature in the combustion chamber diminishes and reaches the maximum permitted value.

Before turning the heater on again, the cause of the overheating must be identified and removed (for example, a blockage in the suction orifice and/or of the air flow duct, the non-functioning of the fan). To turn on the machine again, press the reset button.

### MOVING AND TRANSPORTING THE HEATER

Before lifting or moving the heater, **make sure that the fuel tank cap is firmly in place.**

**Mount the heater on the flat surface and fixe in place with wires or chains.**

In the case when the heater must be lifted **it must be done with a fork-lift truck or a similar piece of equipment.**

### WARNING

**DO NOT USE any other fuel than Diesel. Never use petrol or other fuel substitutes.**

### TROUBLESHOOTING

**When the fan does not come on and the flame does not light the possible cause might be lack of electric power. In this case check the there is appropriate power supply, check the machine is switched on , or check that the fuse has not blown.**

**There may also a problem of setting on the control mechanism. Check it is set correctly set on.**

**Whenever the fan comes on and the flame lights, but produces smoke, there may be insufficient air for combustion. Remove anything blocking or obstructing the aspiration and/or airflow ducts.**

**Also check the position of the air regulation ring as too much air for combustion may also cause similar problem.**

**It also happens when the fuel is dirty or contains water, thus replace the fuel with clean one and check the filter. If dirty clean it.**

**If the fan does not switch off it is possible the thermostat is faulty. In this case replace the thermostat.**

**If the problem can't be diagnosed and fixed with above description, contact HSS Hire. Never try to repair it yourself.**



### ... have you been trained

The law requires that personnel using this type of equipment in the workplace must be competent and qualified to do so.

Training is available at HSS Training  
0845 766 7799

### ...any comments?

If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below  
e-mail: [safety@hss.com](mailto:safety@hss.com)

©HSS Hire Service Group Ltd 2013 No. 303/01

Group Office: 25 Willow Lane, Mitcham, Surrey CR4 4TS

Web Site: <http://www.hss.com>

## GENERAL SAFETY

For advice on the safety and suitability of this equipment contact HSS Hire.

There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.

The hirer has a responsibility to ensure that all necessary risk assessments have been completed prior to the use of this equipment.

This equipment should only be used by an operator who has been deemed competent to do so by his/her employer.

This equipment should be used by a competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape, available for hire from HSS Hire.

 Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.

 Wear practical, protective clothing, gloves and footwear. Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.

Ensure the work area is well lit and ventilated, if in doubt, ask about lighting and ventilation equipment at HSS Hire.

Make sure you know how to switch this machine OFF before you switch it ON in case you get into difficulty.

Never use the heater if highly flammable vapours – petrol or paint thinner fumes for example – are present, nor in a dusty environment. Keep combustible materials at a safe distance – at least 1.5.mtr.

Never place anything on top of a heater and never obstruct its air intake. Leave a 1mtr gap all round to let air circulate.

To avoid possible heat damage never site the heater on carpet or other heat sensitive surfaces.

Never use the heater as a form of dryer i.e. for drying your hands or clothing! Water vapour is produced during the process.

Never use the heater in frequently used rooms or in bedrooms.

When the heater is hot, connected to the mains supply or in use, it must never be moved, handled, filled up with fuel or serviced in any way.

## CARBON MONOXIDE POISONING

**CARBON MONOXIDE POISONING CAN BE FATAL!**

**THE FIRST SYMPTOMS OF CARBON MONOXIDE POISONING ARE SIMILAR TO THOSE OF FLU, WITH HEADACHE, DIZZINESS AND/OR NAUSEA. THESE SYMPTOMS MAY BE CAUSED BY THE DEFECTIVE FUNCTIONING OF THE HEATER. GO OUTSIDE INTO THE OPEN AIR IMMEDIATELY!**

**STOP USING THE HEATER AND CONTACT HSS HIRE**

Never obstruct the air intake (rear end) or the air output (front end) of the heater.

Check the condition of the equipment before use. If it shows signs of damage or excessive wear, contact HSS Hire.

## FUEL SAFETY

Use only diesel fuel in order to avoid the risk of fire or explosion. Never use petrol, naphtha, paint solvents, alcohol or other highly inflammable combustibles.

Only use the type of fuel recommended by HSS Hire.

Never smoke or allow naked lights into the area while refuelling. Before adding fuel, extinguish all flames, including the pilot light, and wait until the heater has cooled down.

Never refuel while the unit is hot or running.

While adding fuel, inspect all the fuel lines and joins to make sure there are no leaks. If any leak is found contact HSS Hire.

Never inhale fuel vapour.

Always mop up any spillage as quickly as possible, and immediately change your clothes if you get fuel on yourself.

Wherever possible, fuel should be stored in a place where the floor does not allow fuel to seep through and drip onto live flames beneath, which might cause fire.

Always store fuel in a purpose-made sealed container,

in a cool, safe place well away from the work area.

In order to avoid the risk of fire, make sure the heater is on a firm, flat surface when it is being used or is hot.

## ELECTRICAL SAFETY

The HSS Indirect Oil Fired Heater plugs into a standard 230V 13amp power socket.

If the equipment fails, or if its power supply cable or plug becomes damaged, return it. Never try to repair it yourself.

Keep cables out of harm's way, and clear of the work area. Extension leads should be fully unwound and loosely coiled, away from the equipment. Never run them through water, over sharp edges or where they could trip someone.

Only use earthed three-wire extension cords.

Always remove the plug from the current socket before undertaking any type of intervention on the heater or if it is left unattended or within children or people's reach. Always before removing the plug, switch off the machine.

When unplugging pull the plug, not the supply cable.

 To reduce the risk of electric shock, always use a suitable RCD (Residual Current-Operated Device) available from HSS Hire.

Ensure the heater and power socket are switched OFF before plugging into the power supply.

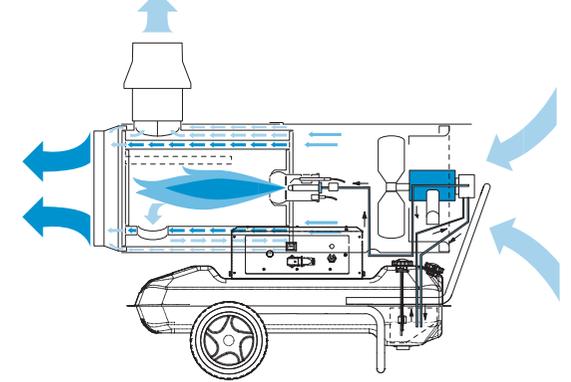
## GETTING STARTED

Never use the HSS Indirect Oil Fired Heater until you have fully read and understood this User Guide and the heater has been properly set up using the information it contains.

The HSS Indirect Oil Fired Heater is a hot air generator with an indirect heating system. This heater has a heat exchanger that enables to separate exhaust combustion gases from the heat released in the environment, so that it is possible to inject a flow of clean hot air in the area that needs to be heated and to discharge exhaust fumes externally.

Prior to using the heater verify that it is not damaged. Make sure there is enough fuel in the tank. Refuel if required. Mop up any small spillages.

Heater functioning diagram



## WARNING

**NEVER refuel while the heater is hot or running.**

Wheel the heater to required position and make sure it is on flat leveled surface that is capable of supporting its weight.

Before switching on the heater check that the characteristics of the mains power supply are the same as those indicated in this manual.

To turn it on first adjust control mechanism, so that the machine can function (for example, the thermostat must be set to the maximum temperature).

Flip switch to ON position. The fan comes on and after several seconds the heater starts burning.

The first time the heater is used, or after the fuel circuit has been completely drained, the flow of fuel oil to the nozzle may be insufficient and may activate the flame cut out mechanism, which will turn off the heater. If this happens, wait for about a minute and then press the reset button to start the machine again.

If the machine does not work it usually caused by lack of fuel in tank. Also pressing reset button again may solve the problem. If the heater still does not work, contact HSS Hire.

To turn off the machine, move switch to the "0" position.

## IDENTIFIER

