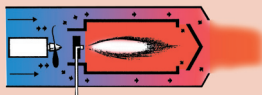
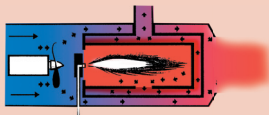


Portable heater types

Direct fired heater



Indirect fired heater



Portable air heaters-which type to choose

Basically there are two distinct types of portable air heaters-direct fired and indirect fired. There is a choice of fuels, too, including Liquefied Petroleum Gas (LPG), Kerosene, Gas Oil and Electricity.

Direct Fired

A direct fired heater uses an electric fan to provide combustion air and also the main air flow to give large volumes of heated air. Fuel is injected into a combustion chamber where it is ignited and burnt at a regulated rate mixing with the main air stream from the fan.

Generally referred to as 100% efficient (based on net calorific value of the fuel) because all the heat generated is discharged into the area to be heated. Andrews Sykes direct fired heaters are compact, robust, fully portable and are designed to provide safe controllable heat when and where it is needed. If necessary some can be thermostatically controlled. Direct fired heaters have a wide variety of applications including factories, warehouses, sports halls, churches, loading bays and farm buildings.

Indirect Fired

Indirect fired heater is a more sophisticated form of portable heater which is used to provide large volumes of clean dry heat without any products of combustion. Fuel is injected into a gas tight combustion chamber where it is ignited and burnt at a regulated rate.

The products of combustion are exhausted via a simple flue arrangement to atmosphere. Electric fans provide combustion air and the main air flow which collects heat indirectly from the heated chamber and is then expelled into the area to be heated. Indirect heaters are ideal for areas where there is limited ventilation or where there is danger posed by combustible materials. The clean dry heat produced creates a safe, warm fume free environment. Andrews Sykes indirect heaters are capable, with the addition of an outlet spigot and flexible ducting, of distributing heat to inaccessible locations.