

CLIMEX® Indirect Oil-Fired Heaters

CLIMEX® Indirect Oil-Fired Heaters 65-110-150-200kW

The CLIMEX® range of indirect oil-fired heaters delivers 65kW to 200kW of clean, dry heat across four output sizes. Each unit needs only a single power supply to run its fan.

Each heater has a sealed combustion chamber and heat exchanger, so only warm, dry, fume-free air enters the building and all combustion fumes are vented outside. Up to 13,000m³ of heated air per hour drives out cold, damp air. This dries large areas far more effectively, efficiently and safely than electric heaters, red-rads or direct-fired space heaters.

Because of their high output, the heaters are often used to dry out buildings such as schools, care homes and commercial blocks. They can be sited outside and their heat ducted in over long runs, which makes them well suited to large and multi-storey projects. An integrated thermostat comes as standard, and an optional remote thermostat helps keep fuel use as low as possible. Every unit sits on wheels, so it is easy to move around site as work progresses.

The heaters run on diesel or HVO, supplied from a dedicated bunded fuel tank. The 65kW, 110kW and 150kW models need a 110V 32A supply, and the 200kW model needs a 415V 32A supply.



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Features

- Four output size options available: 65kW, 110kW, 150kW and 200kW.
- All heaters have between 90% and 92% energy efficiency.
- Requires a single power supply (voltage varies on chosen heater size).
- Integrated thermostat with upgradable options.
- Compatible with HVO fuel for a more sustainable option.

CLIMEX[®] Indirect Oil-Fired Heaters

Key Applications

- Drying out new builds, materials and surfaces before wet trades or finishing
- Drying out and heating occupied buildings such as schools, care homes and commercial blocks
- Heating warehouses, workshops and production areas, including protecting temperature-sensitive stock
- Backup heating while permanent heating systems are out of action
- Frost protection and cold-weather utility maintenance, including heating in tunnels
- Heating to protect metal surfaces after abrasive blasting

Benefits & Advantages

- Fume-free heat: The sealed combustion chamber and heat exchanger keep exhaust gases out of the working area.
- Highly efficient: 90–92% energy efficiency with excellent fuel economy keeps running costs down.
- Fast, effective drying: Positive pressure pushes moisture out of surfaces and often removes the need for dehumidifiers.
- Flexible siting: Units can sit outside the building, and long duct runs carry heat across large areas and multiple floors.
- Precise temperature control: An integrated thermostat comes as standard, with an optional wireless remote thermostat so no one needs to stand by the heater.
- Mobile and sustainable: Wheels allow easy repositioning, and all models are HVO compatible for lower-carbon heating.

The Effective Drying Triangle

For drying out programmes to work effectively, a combination of heat, air movement and dehumidification is required; all of which can be achieved by using an indirect oil-fired heater.



Warmth – Heat raises the room temperature and so lowers the relative humidity of the air. This allows the air to absorb more water from surrounding surfaces.

Air Movement – Air movement across a substrate draws the water to the surface, where it evaporates.

Dehumidification – Dehumidification extracts water from the air.



Suitable for:

Construction | Industry | Rail | Healthcare | Nuclear | Utilities |
Infrastructure | Water and Sewage | Ship & Marine | Waterworks |
Manufacturing

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Technical Data

Specification	65kW	110kW	150kW	200kW
Airflow	4,000m ³ /h	8,000m ³ /h	9,000m ³ /h	13,000m ³ /h
Heat output	65kW	110kW	150kW	200kW
Heat output	221,780 BTU	375,320 BTU	518,624 BTU	682,000 BTU
Maximum fuel consumption	6.5 l/h	10.9 l/h	14.8 l/h	19.4 l/h
Heater fuel line	3/8" male connector	3/8" male connector	3/8" male connector	3/8" male connector
Ducting diameter	450mm	500mm	500 or 600mm	600mm
Plug	32a 3-pin	32a 3-pin	32a 3-pin	32a 3-pin
Voltage	110v	110v	110v	415v
Running current	15 A	32 A	32 A	10 A
Remote thermostat	Optional extra	Optional extra	Optional extra	Optional extra
Max. recommended extension lead run	20m	42m	42m	20m
Minimum power supply	'D' rated circuit breaker (10kva continuous transformer recommended)	'D' rated circuit breaker (10kva continuous transformer recommended)	'D' rated circuit breaker (10kva continuous transformer recommended)	'D' rated circuit breaker (10kva continuous transformer recommended)
Noise level	75.5 dB(A)*	81.5 dB(A)*	81.5 dB(A)*	82.5 dB(A)*
Dimensions L x W x H	1900mm x 710mm x 1280mm	2300mm x 780mm x 1342mm	2460mm x 840mm x 1510mm	2710mm x 910mm x 1520mm
Weight	245kg	350kg	385kg	450kg

*Noise levels are given as a guidance only, as the location and loading of the heater will affect the final noise output