



FLEXIHEAT UK LTD

Flexible Heating & Dehumidification Solutions

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Mobile Heaters



Versatile, Reliable & Durable: Mobile warm air heaters from Kroll



You will find the suitable heater for every request:

The power range goes from 22kW to 173 kW.

The Kroll mobile warm air heaters are perfect...

- for heating halls, tents, sites...
- for keeping greenhouses, warehouses etc. frost free
- as additional heating during the cold season
- for drying new buildings

The Kroll mobile warm air heaters are...

... Immediately ready for use – everywhere. The models type M25 and M50 have an integrated oil tank and a heating cartridge. This makes them independent, space-saving and immediately ready for use. The types M70 to M 150 have a fuel supply pipe and a heated filter as standard and can also immediately be used using an external fuel tank.

... reliable

Thanks to the quality-brand oil burner and the powerful fan, an effective and efficient heating is ensured.

... economical and reliable

The quality-brand oil burner and the silent, yet powerful fan convert over 90 % of the energy into heat.

... robust

The high-quality materials and engineering guarantee a long lifespan.

... easy to maintain

All relevant elements and controls are easily accessible.

... efficient

The larger types M 50 to M 200 are equipped with high-power radial fans so they are particularly suitable to warm air hose systems. This helps to heat tents or building sites efficiently from the outside.

Accessories:

- warm air hoses: they can be connected either via an adaptor piece or via a distribution piece
- room thermostat for automatic operation.

These heaters are also approved for operation with gas

Kroll mobile warm air heaters

are economical and practical



Power range 25 - 188 kW

With oil burner		M25	M50	M70	M100	M150	M200
	No.	040720	000296	000301	000282	000284	000287
With natural gas burner		M25N	M50N	M70N	M100N	M150N	M200N
	No.	050600	050602	050604	050606	050608	050610
With LPG burner		M25F	M50F	M70F	M100F	M150F	M200F
	No.	050601	050603	050605	050607	050609	050611
With multi oil burner			M50U	M70U	M100U	M150U	M200U
	No.		056382	056383	056384	056385	056386
Tank for M70 (only built in) Content 74 Litres		No.		000781			
Recirculation air module for units with oil burner		No.	050620	050621	050622	050623	including recirculation air module and burner cover
Recirculation air module for units with gas burner		No.	050720	050721	050722	050723	including recirculation air module and burner cover
Nominal heat input		kW	25	51	71	100	140
Nominal heat output		kW	22	46	64	90	125
Air delivery		M ³ /h	1,350	2,600	4,740	5,400	7,300
External pressure		Pa	150	170	180	150	150
Temperature rise		K	58	59	56	63	58
Oil consumption*		kg/h	2.11	4.3	5.99	8.43	11.8
Gas consumption (natural gas E)		M ³ /h	2.41	4.92	6.85	9.64	13.5
Gas consumption (LPG)		kg/h	1.95	3.97	5.53	7.78	10.89
Electrical connection		V/Hz/A	230/50/1.75	230/50/4.4	230/50/6.4	230/50/6.1	400/50/5.6
Electrical power supply		kW	0.403	0.69	1.47	1.38	1.5
Tank content		L	27	46			
Flue gas pipe		Ø mm	100	130	180	180	180
Air outlet socket		Ø mm	295	385	445	550	550
Air inlet socket		Ø mm	295	385	445	550	2 x 520
Width		mm	560	630	780	940	940
Length		mm	1140	1210	1490	1880	2330
Height		mm	1080	1050	1120	1280	1410
Weight (with burner)		kg/h	105	138	134	190	270
Noise level		dB(A)	68	72	78	77	75

The mobile heating

unit HM range from Kroll:



Mobility and Rapidity in operation are the main characteristics of the Kroll mobile heating unit HM200.

It is extremely suitable for use in various locations, such as tents, major construction sites, warehouses etc. and as additional, temporary or replacement heating unit. The Kroll heating unit HM200 is compactly constructed. There are no parts or connections, such as the air inlet/exhaust, protruding over the area of the HM 200, making the unit easily stackable, transportable and reducing the opportunity for any damage. It can easily be moved by a fork lift, with its "pallet-type" base it can easily be moved wherever it is needed. It fits on a standard lorry and is easily and safely stackable, a fact, that is especially interesting for rental companies.

All components of the unit, such as the burner, ventilator, control box etc. are enclosed within the robust housing. The heating unit is therefore protected against abuse or misuse by any unauthorised persons. Various burners options are available: kerosene, gas, multi-oil or rapeseed-oil. The heating unit works economically: The energy-transmission is effected directly without a medium like water or vapour, eliminating any danger of freezing.

This direct firing converts up to 92% of the energy into heat. The unit can operate in various configurations with recirculated-air, fresh-air or a mixture of both. The high pressure of 350 Pa allows the connection of long ducting's or pipes. The warm-air distribution can be effected via one or more warm air ducts at the same time. This feature gives you more options in locating the unit on site. The housing is galvanised, and painted in a colour similar to RAL 7047.

The installation is easy to maintain, all component parts are positioned in a clearly arranged manner, and, thanks to removable side-panels, easy to reach.

Accessories available to complete the HM 200 package:

- heating cartridge for tank to preheat the oil.
- room thermostat for close control of the area to be heated.
- weekly timer for day/night control of the unit

Power range 100 – 188 kW

Model		HM100	HM200	HM200/2 2-stage
	No.	055666	000080	049333
		Fuel	Fuel	Fuel
Nominal heat input	kW	100	188	133/188
Nominal heat output	kW	92	173	122/173
Air delivery	m ³ /h	6,400	10,500	7,600/10,500
External pressure	Pa	350	350	175/350
Temperature rise	K	60	60	66/60
Oil consumption *	kg/h	8.43	15.85	11.21/15.85
Electrical connection	V/Hz/A	400/50/9.6	400/50/13.5	400/50/13.6
Electrical power supply	kW	2.38	3.25	2.45/3.55
Oil supply line		+	+	+
Preheated oil filter		+	+	+
Flue gas pipe	Ø mm	180	180	180
Air outley socket	Ø mm	500	550	550
Air inlet socket	Ø mm	500	550	550
Width	mm	760	820	820
Length	mm	1900	2400	2400
Height (without crane eye)	mm	1370	1520	1520
Height (with crane eye)	mm	1460	1610	1610
Weight	kg	410	615	655
Noise level	dB(A)	73	75	75

* Heating oil consumption: 1 kg/h = 1,17 l/h (at 15°C)

Model		HM200F	HM200/2F 2-stage	HM200N	HM200/2N 2-stage
	No.	042039	050613	042040	050612
		LPG	LPG	Natural Gas	Natural Gas
Nominal heat input	kW	188	133/188	188	133/180
Nominal heat output	kW	173	122/173	173	122/173
Air delivery	m ³ /h	10,500	7,600/10,500	10,500	7,600/10,500
External pressure	Pa	350	175/350	350	175/350
Temperature rise	K	60	66/60	60	66/60
Gas consumption (natural gas E)	m ³ /h			18.13	12.83/18.13
Gas consumption (LPG)	kg/h	14.63	10.35/14.63		
Electrical connection	V/Hz/A	400/50/13.5	400/50/13.5	400/50/13.5	400/50/13.5
Electrical power supply	kW	3.25	2.45/3.55	3.25	2.45/3.55
Flue gas pipe	Ø mm	180	180	180	180
Air outley socket	Ø mm	500	500	500	500
Air inlet socket	Ø mm	550	550	550	550
Width	mm	820	820	820	820
Length	mm	2400	2400	2400	2400
Height (without crane eye)	mm	1520	1520	1520	1520
Height (with crane eye)	mm	1610	1610	1610	1610
Weight	kg	615	655	615	655
Noise level	dB(A)	75	75	75	75

Kroll Indirect Oil Fired Heaters

The units are suitable for all fields of heating.

The oil supply from the integrated tank is done via an integrated high-pressure pump.

“MA” units can also be operated with a warm air hose.



Power range 23 – 90 kW

Model		MA22	MA32	MA59	MA91
No.		046325	046439	046440	046441
Nominal heat input	kW	23.4	34.1	58.6	90.6
Air delivery	m ³ /h	550	1,150	2,500	4,300
Temperature rise	K	95	70	66	77
Oil consumption*	kg/h	1.85	2.7	4.64	7.17
Electrical connection	V/Hz	230/50	230/50	230/50	230/50
Electrical power supply	kW	0.3	0.37	0.85	1.14
Tank capacity	L	46	46	65	105
Flue gas pipe	Ø mm	120	150	150	150
Room thermostat connection		+	+	+	+
Preheated oil filter			+	+	+
Width	mm	482	482	555	690
Length	mm	1098	1209	1435	1740
Height	mm	664	738	940	1025
Weight	kg	43	55	81	110
Noise level at 1m	dB(A)	69	72	72	75
Noise level at 2m	dB(A)	65	69	70	71

* Heating oil consumption: 1 kg/h = 1,17 l/h (at 15°C)

Electric Fan Heaters by Kroll



The electric heaters are ...

... universal

The electric fan heaters are perfect for use in rather small rooms and in rooms of medium size. The smaller types are the ideal extra heaters in large rooms. They are designed for being operated in workshops, nurseries, shops, exhibition rooms, warehouses, site huts, or elsewhere on building sites. There, they provide comfortable heat in spring and in autumn or if there is a sudden onset of cold weather. They can be used as frost control, too.

... economical

The heat is dispensed efficiently and in a concentrated way to the ambient air by a powerful fan.

... comfortable

The electric fan heaters do not use up any oxygen. They do not give off any unpleasant smell at all, so they can also be operated in rooms which have bad or even no means of ventilation. They are ready for use everywhere, and at once. Temperature can be adjusted and is controlled by a thermostat. In summer, they can be used for ventilating rooms as well.

... robust and safe

All appliances are VDE-checked and thermally protected. The enclosed heating elements have got a stainless jacket, the boxes consist of galvanized steel sheet and, in addition, they are stove-enamelled. They are of stable construction!

... mobile

Thanks to their small dimensions, the electric fan heaters can be taken everywhere. You will find a place for them even in very confined space.

Model E18 now also available as version SH, "S" for hose connection and version "H" for Operation at high room temperatures for special duties such as thermal pest control.

Characteristics

- Temperature rise up to 60 Kelvin
- Built-in room thermostat
- Enamelled casing made of galvanized sheet metal
- Compact and robust
- Two-stage heating performance (E8 - E18)
- External room thermostat connection (E18SH)
- Warm air hose connection (E18SH)
- Ducted high temperature suitable for pest control (E18SH)

Technical data						
Model		E3	E8	E12	E18	E18SH
Heating power	kW	3	4 & 8	6 & 12	12 & 18	12 & 18
Air delivery	m ³ /h	185	420	735	960	960
Temperature rise	Kelvin	44	41	42	60	60
Electrical supply	Volts	230	400/50			
Electrical connection type		BS1363	5 pin Eec 16 amps	5 pin EEC 32amps		
Power consumption	A	13	12	16.5	24.5	24.5
Length	mm	330	530	666	666	990
Width	mm	185	285	320	320	320
Height	mm	270	395	435	435	435
Weight	Kg	6.35	15.5	20.5	20.5	32



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