

MOBILE HEAT PLANT OIL/GAS



HM



Delivered units may differ from the pictures.

Power range 100 – 543 kW

Mobile and immediately ready to use – the main characteristics of the Kroll heat plant HM.

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 of compact construction. There are no parts or connections, such as the air inlet/exhaust, protruding over the area of the HM200. 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 crossways 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 unauthorized persons.

Furthermore, the models HM200 can be operated with a natural gas burner or an LPG burner.

Furthermore, the unit is also available as a two-stage version (not HM100).

The unit works economically:

The energy is converted directly and with a degree of efficiency of 93%.

The unit can operate in various configurations with recirculated air, fresh air or a mixture of both.

Due to the high pressure of 350 – 400 Pa, long warm air hoses can be connected. The distribution of the warm air can be done via one or more warm air hoses at the same time. This feature gives you more options in locating the unit on site.

The housing is galvanized 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.

Various accessories make the heat plants even more attractive:

- tank
- tank heating to preheat the oil
- room thermostat for even more efficient use of the energy
- weekly timer for day/night control of the unit

MOBILE HEAT PLANT OIL/GAS

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	400/50/13,5
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 outlet 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 / 188
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			
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 outlet socket	Ø mm	550	550	550	550
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

MOBILE HEAT PLANT OIL/GAS

Power range 266 – 543 kW

Model		HM350	HM500
	No.	054104	054105
	Öl	Öl	Öl
Nominal heat input	kW	266/380	380/543
Nominal heat output	kW	245/350	330/500
Air delivery	m ³ /h	15.900/22.000	22.700/31.300
External pressure	Pa	400	400
Temperature rise	K	53/55	53/55
Oil consumption*	kg/h	22,43 / 32,04	32,4 / 38,20
Electrical connection	V/Hz/A	400/3N~/27	400/3N~/34
Electrical power supply	kW	4,5/12,5	6,5/17,0
Oil supply line		+	+
Preheated oil filter		+	+
Flue gas pipe	Ø mm	300	300
Air outlet socket	Ø mm	1 x 695	2 x 695
Air inlet socket	Ø mm	1 x 695	2 x 695
Width	mm	1200	1600
Length	mm	4100	4900
Height	mm	2140	2350
Weight	kg	1800	2500
Noise level	dB(A)	75	75

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

Accessories		HM100	HM200/ HM200 2-stage/N/F	HM350	HM500
Room thermostat IP54 10 m cable, plug included	€ No.	140,- 000729	140,- 000729	140,- 000729	140,- 000729
Belt to fix the room thermostat	€ No.	20,- 052494	20,- 052494	20,- 052494	20,- 052494
Clock thermostat	€ No.	665,- 056714	665,- 056714	665,- 056714	665,- 056714
Warm air hose 7,6 m, Ø 560 mm	€ No.		311,- 026991		
Connection piece Ø 560 mm for hose extension	€ No.		78,- 026985		
Transition piece von Ø 560 mm to warm air hose Ø 525 mm	€ No.		143,- 012527		
Warm air hose 7,6 m Ø 525 mm	€ No.	296,- 005597	296,- 005597	296,- 005597	296,- 005597
Connection piece Ø 525 mm for hose extension	€ No.	66,- 002800	66,- 002800	66,- 002800	66,- 002800
Hose distributor* for 2 warm air hoses with Ø 525 mm each hose	€ No.				255,- 056291
Hose distributor for 3 warm air hoses with Ø 525 mm each hose	€ No.			287,- 056177	
Hose distributor for 4 warm air hoses with Ø 305 mm each hose	€ No.		419,- 012530		

* On the air outlet and inlet side, 2 distributors are necessary!