

TECHNICAL SPECIFICATIONS OF MONDEX HEATERS

ELECTRICAL INFORMATION						MEASURES				WEIGHT		SAFETY DISTANCE (to inflammable material)				
Type	Power kW	Voltage	Fuse	Connecting Cable	Sauna Size m ³	Width mm	Height mm	Depth mm	Adjustable feet mm	Total weight kg	Stone amount kg	Front mm	To sides mm	To back wall mm	Up mm	Min. height of Sauna mm
TAHKO M/E																
Black, Steel	6,6	3N-400V	3x10 A	5x1,5S	6-9	320	850	320	30	90	80	100	100	100	770	1900
Black, Steel	9,0	3N-400V	3x16A	5x2,5S	8-15	320	850	320	30	90	80	120	120	120	770	1900
Black, Steel	10,5	3N-400V	3x16A	5x2,5S	12-22	370	1100	370	30	155	140	120	120	120	900	2000
KAIRA E (*)																
Black, Steel	6,6	3N-400V	3x10A	5x1,5S	6-9	335	1130	335	100	80/120	60/100	100	100	100	770	1900
Black, Steel	9,0	3N-400V	3x16A	5x2,5S	8-15	335	1130	335	100	80/120	60/100	120	120	120	770	1900
RAKKA M/E																
	6,6	3N-400V	3x10A	5x1,5S	6-9	400	1100	400	30	140	130	100	100	100	770	2000
	9,0	3N-400V	3x16A	5x2,5S	8-15	400	1100	400	30	140	130	120	120	120	770	2000
	10,5	3N-400V	3x16A	5x2,5S	12-25	500	1100	500	30	210	200	120	120	120	900	2000
KALLA E																
Black, Steel	6,6	3N-400V	3x10A	5x1,5S	6-9	350	1030	304	100	100	80	100	100	0	850	1900
Black, Steel	9,0	3N-400V	3x16A	5x2,5S	8-15	350	1030	304	100	100	80	120	100	0	870	1900
AURA E																
Black, Steel	6,6	3N-400V	3x10A	5x1,5S	5-9	405	1010	310	80	90	70	100	0	0	900	2000
Black, Steel	9,0	3N-400V	3x16A	5x2,5S	8-15	405	1010	310	80	90	70	120	0	0	900	2000
KYMI M																
Black, Steel	6,0	3N-400V	3x10A	5x1,5S	5-7	370	550	310	-	45	30	80	100	0	980	1900
Black, Steel	8,0	3N-400V	3x16A	5x2,5S	7-12	370	550	310	-	45	30	80	100	0	980	1900
TENO M/E																
Black, Steel	6,6	3N-400V	3x10A	5x1,5S	6-9	420	630	290	-	55	40	100	100	0	850	1900
Black, Steel	9,0	3N-400V	3x16A	5x2,5S	8-13	420	630	290	-	55	40	120	120	0	850	1900
AHTI M & UKKO M																
Ahti & Ukko	6,0	3N-400V	3x10A	5x1,5S	5-8	420	750	250	150	50	41	300	70	0	900	1900
Ahti & Ukko	8,0	3N-400V	3x16A	5x2,5S	7-10	420	850	300	150	65	55	300	100	0	950	2100
Ukko	10,5	3N-400V	3x16A	5x2,5S	9-15	500	970	350	150	90	70	200	70	0	990	2100
LOUHI E & HIISI E																
Louhi & Hiisi	6,6	3N-400V	3x10A	5x1,5S	5-9	420	860	300	150	80	65	300	50	0	920	1900
Louhi & Hiisi	9,0	3N-400V	3x16A	5x2,5S	7-13	420	860	300	150	80	65	300	50	0	970	1900

* The safety distance of a heater with the outer jacket in place, embedded into a bench, is 4 mm at the jacket. The diameter of the opening 343 mm.

WOODEN HEATED STOVE

TECHNICAL INFORMATION			MEASURES							WEIGHT		SAFETY DISTANCE (to inflammable material)				
Type	Power kW	Sauna Size m ³	Width mm	Height mm	Depth mm	Diameter of chimney flue/ mm	Adjustable feet mm	Firebox door mm	Water container/ l	Total weight kg	Stone amount kg	Front mm	To sides mm	To back wall mm	Up mm	min. height of Sauna mm
KLAPI																
Klapi	13	8-16	460	750	460	115	30	8	-	122	70	500	250	250	1250	2000
MOTTI																
Motti	22	12-22	492	840	513	115	30	8	-	140	60	500	300	300	1350	2200
Motti + water container	22	12-22	625	840	513	115	30	8	20	145	60	500	300	300	1350	2200

The safety distances are measured from the outer surface of the product.

CHOOSING THE RIGHT POWER TO YOUR HEATER

The sauna and its ceiling, in particular, should have good thermal insulation, as heat tends to escape through the ceiling. Due to the moisture, we recommend that you use aluminium paper. **The size of the heater should be selected according to the size of the sauna (in cubic metres). In addition to calculating the power need for the regular sauna structure (glass wool-foil-wood), the following should be taken into consideration. If the sauna has any uninsulated wood, tile or concrete surfaces or the walls are made of logs, the heater power needs to be increased. For every uninsulated square metre, the heater power need increases by the same amount as if increasing the space volume by 1.2 m³ and on timber surfaces by 1.5 m³.** The factor for glass surfaces (glass walls, doors and uninsulated stone surfaces) is also 1.2 m³ per square metre. In borderline cases, you should choose a heater with higher power.

Example: Sauna with a glass door

Sauna size: 2 m width x 2 m depth x 2 m height = 8 m³
 Glass door size: 1 m width x 2 m height = 2 m² → 2 x 1.2 m³ = 2.4 m³

Actual sauna volume is 8.0 m³
 Adding extra volume for the glass area 2.4 m³
= Computational volume 10.4 m³

In this example we thus recommend a 9 kW heater.