



TruHeat MF Series 7000 (G2)

Technical data



**TruHeat MF 7060
(G2)****TruHeat MF 7080
(G2)****TruHeat MF 7100
(G2)****OUTPUT**

RATED POWER	60 kW	80 kW	100 kW
MAXIMUM OUTPUT CURRENT	280 A eff	560 A eff	560 A eff
MAXIMUM OUTPUT VOLTAGE	1200 V eff	1200 V eff	1200 V eff
NOMINAL OPERATING FREQUENCY	0.5 kHz - 200 kHz	0.5 kHz - 200 kHz	0.5 kHz - 200 kHz
LENGTH OF POWER CABLE	10 m - 30 m	10 m - 30 m	10 m - 30 m

NETWORK CONNECTION DATA

LINE VOLTAGE	(±10%) 380 V - 480 V	(±10%) 380 V - 480 V	(±10%) 380 V - 480 V
LINE FREQUENCY	50 Hz - 60 Hz	50 Hz - 60 Hz	50 Hz - 60 Hz
LINE INPUT POWER	75 kVA	93 kVA	116 kVA
POWER FACTOR	> 0.95	> 0.95	> 0.95

COMMUNICATION INTERFACES

ANALOG/DIGITAL	yes	yes	- yes
RS 232 / RS 485	yes	- yes	yes
PROFIBUS	- yes	yes	- yes

HOUSING

WEIGHT	510 kg	570 kg	570 kg
IP PROTECTION CLASS	IP54	IP54	IP54

COOLING REQUIREMENTS

MAXIMUM WATER PRESSURE	6 bar	6 bar	6 bar
MINIMUM PRESSURE DIFFERENCE	2.2 bar	2.2 bar	2.2 bar
MINIMUM FLOW RATE	14 l/min	17 l/min	17 l/min
COOLANT TEMPERATURE	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C

OUTER CIRCLE

WEIGHT	20 kg	20 kg	20 kg
IP PROTECTION CLASS	IP54	IP54	IP54

GENERAL

OVERALL EFFICIENCY	91 %	91 %	91 %
CERTIFICATES / STANDARDS	CE declaration of conformity	CE declaration of conformity	CE declaration of conformity

AMBIENT CONDITIONS

OUTSIDE TEMPERATURE	5 °C - 40 °C	5 °C - 40 °C	5 °C - 40 °C
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**TruHeat MF 7120
(G2)****TruHeat MF 7150
(G2)****TruHeat MF 7180
(G2)****OUTPUT**

RATED POWER	120 kW	150 kW	180 kW
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**TruHeat MF 7120
(G2)****TruHeat MF 7150
(G2)****TruHeat MF 7180
(G2)**

MAXIMUM OUTPUT CURRENT	560 A eff	720 A eff	720 A eff
MAXIMUM OUTPUT VOLTAGE	1200 V eff	1200 V eff	1200 V eff
NOMINAL OPERATING FREQUENCY	0.5 kHz - 200 kHz	0.5 kHz - 200 kHz	0.5 kHz - 200 kHz
LENGTH OF POWER CABLE	10 m - 30 m	10 m - 30 m	10 m - 30 m

NETWORK CONNECTION DATA

LINE VOLTAGE	(±10%) 380 V - 480 V	(±10%) 380 V - 480 V	(±10%) 380 V - 480 V
LINE FREQUENCY	50 Hz - 60 Hz	50 Hz - 60 Hz	50 Hz - 60 Hz
LINE INPUT POWER	139 kVA	174 kVA	209 kVA
POWER FACTOR	> 0.95	> 0.95	> 0.95

COMMUNICATION INTERFACES

ANALOG/DIGITAL	yes	yes	- yes
RS 232 / RS 485	- yes	yes	yes
PROFIBUS	yes	- yes	yes

HOUSING

WEIGHT	580 kg	630 kg	630 kg
IP PROTECTION CLASS	IP54	IP54	IP54

COOLING REQUIREMENTS

MAXIMUM WATER PRESSURE	6 bar	6 bar	6 bar
MINIMUM PRESSURE DIFFERENCE	2.2 bar	2.2 bar	2.2 bar
MINIMUM FLOW RATE	17 l/min	20 l/min	20 l/min
COOLANT TEMPERATURE	5 °C - 35 °C	5 °C - 35 °C	5 °C - 35 °C

OUTER CIRCLE

WEIGHT	20 kg	20 kg	20 kg
IP PROTECTION CLASS	IP54	IP54	IP54

GENERAL

OVERALL EFFICIENCY	91 %	91 %	91 %
CERTIFICATES / STANDARDS	CE declaration of conformity	CE declaration of conformity	CE declaration of conformity

AMBIENT CONDITIONS

OUTSIDE TEMPERATURE	5 °C - 40 °C	5 °C - 40 °C	5 °C - 40 °C
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**TruHeat MF 7200
(G2)****TruHeat MF 7240
(G2)****OUTPUT**

RATED POWER	200 kW	240 kW
MAXIMUM OUTPUT CURRENT	1120 A eff	1120 A eff
MAXIMUM OUTPUT VOLTAGE	1200 V eff	1200 V eff
NOMINAL OPERATING FREQUENCY	0.5 kHz - 200 kHz	0.5 kHz - 200 kHz

**TruHeat MF 7200
(G2)****TruHeat MF 7240
(G2)**

LENGTH OF POWER CABLE	10 m - 30 m	10 m - 30 m
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NETWORK CONNECTION DATA

LINE VOLTAGE	(±10%) 380 V - 480 V	(±10%) 400 V - 480 V
LINE FREQUENCY	50 Hz - 60 Hz	50 Hz - 60 Hz
LINE INPUT POWER	232 kVA	278 kVA
POWER FACTOR	> 0.95	> 0.95

COMMUNICATION INTERFACES

ANALOG/DIGITAL	yes	- - yes
RS 232 / RS 485	- - yes	yes
PROFIBUS	yes	- - yes

HOUSING

WEIGHT	630 kg	700 kg
IP PROTECTION CLASS	IP54	IP54

COOLING REQUIREMENTS

MAXIMUM WATER PRESSURE	6 bar	6 bar
MINIMUM PRESSURE DIFFERENCE	2.5 bar	2.5 bar
MINIMUM FLOW RATE	27 l/min	27 l/min
COOLANT TEMPERATURE	5 °C - 35 °C	5 °C - 35 °C

OUTER CIRCLE

WEIGHT	20 kg	20 kg
IP PROTECTION CLASS	IP54	IP54

GENERAL

OVERALL EFFICIENCY	91 %	91 %
CERTIFICATES / STANDARDS	CE declaration of conformity	CE declaration of conformity

AMBIENT CONDITIONS

OUTSIDE TEMPERATURE	5 °C - 40 °C	5 °C - 40 °C
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