



# Gas-heated Wall Module FGM 1024 MSE-Z

## ► Data Sheet

MADE IN GERMANY

<b>1.0</b>	<b>Type</b>	FGM 1024 MSE-Z
<b>2.0</b>	<b>Capacity</b>	
2.1	High pressure stage	240 bar, 17,0 l/min; 90° C
2.2	Steam stage	30 bar, 7,5 l/min; 150° C
2.3	Pressure/Water flow rate	30 - 240 bar; 7,5 - 17,0 l/min
2.4	Mains connection	400 V 3 AC 50 Hz
2.5	Nominal consumption	7,3 kW
<b>3.0</b>	<b>Equipment</b>	
3.1	Basic frame, water box	Steel plate, fully enamelled
3.2	Cover	Hot galvanized, plastic-coated steel plate
3.3	High pressure pump	Three-piston pump with highly wear-resistant solid ceramic plungers
3.4	Motor	Three-phase motor 5,5 kW
3.5	Water box	Steel tank, powder-coated
3.6	Water heater	Heating coil made of highly solid precision steel pipe with autonomous atomizing oil burner Heat capacity 70 kW ( 60.200 kcal/h )
3.7	Atomizing gas burner	for natural gas H with flame control, Combustion heat performance 80 kW (68.800 kcal/h) Gas consumption at full load: Natural gas L 9,9 m³/h
3.8	Main switch cabinet	Lacquered steel plate, wired ready for connection
<b>4.0</b>	<b>Standard accessories</b>	HP hose 10 m, spray appliance 1 m with spray gun, remote control box Wall bracket with drilling jig Hose connection clip R 3/4" x DN 12
<b>5.0</b>	<b>Abmessungen (LxBxH)</b>	
5.1	Module	1000 x580x82 mm
5.2	Main switch cabinet	380x210x600 mm
<b>6.0</b>	<b>Weight</b>	
6.1	Module	190 kg
6.2	Main switch cabinet	25 kg
<b>7.0</b>	<b>High pressure spray nozzle</b>	25045 für 240 bar with remote piping, resp. when using a HP-injector a biger nozzle must be used.





# Gas-heated Wall Module FGM 1024 MSE-Z

## ► Data Sheet

### 8.0 Conditions on site

Water supply min.	17 l/min
Use of industrial water	Insertion of a filter min 200 µm
Supply pressure at operation	min. 2 bar, max. 10 bar
Water connection	DN 20 x 3/4"
Water drain	Waste water pipe min. DN 50 close-by the machine
Supply air/outlet air	according to local combustion chamber guidelines
Flue gas evacuation	according to DIN 4705 and DIN 18 160
Flue requirement of the gas burner	min. 5 / max. 25 N/m <sup>2</sup> (min 0,5 / max. 2,5 mm Ws)
Gas connection pressure	Natural gas - min. 20 mbar at burner operation
Combustion chamber resistor	approx. 8 N/m <sup>2</sup> ( 0,8 mm Ws )
Starting resistor approx.	2 - 3 fold
Flue gas temperature	approx. 200° C
Service room	800 mm on the right side of the machine for cleaning the heating coil
Voltage supply	400 V 3 AC 50 Hz
Pre-fusing on site	16 A slow



### Quality mark

CE