



Gas-heated Wall Module FGM 918 MSE-Z

► Data Sheet

MADE IN GERMANY

1.0	Type	FGM 918 MSE-Z
2.0	Capacity	
2.1	High pressure stage	180 bar, 14,5 l/min; 80° C
2.2	Steam stage	30 bar, 7,5 l/min; 140° C
2.3	Pressure/Water flow rate	30 - 180 bar; 7,5 - 14,5 l/min
2.4	Mains connection	400 V 3 AC 50 Hz
2.5	Nominal consumption	5,3 kW
3.0	Equipment	
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 3,8 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
4.0	Standard accessories	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
5.0	Abmessungen (LxBxH)	
5.1	Module	1000x580x825 mm
5.2	Main switch cabinet	380 x210x 600 mm
6.0	Weight	
6.1	Module	190 kg
6.2	Main switch cabinet	25 kg
7.0	High pressure spray nozzle	2505 for 180 bar with remote piping, resp. when using a HP-injector a bigger nozzle must be used.





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8.0 Conditions on site

Water supply min.
Use of industrial water
Supply pressure at operation
Water connection
Water drain
Supply air/outlet air
Flue gas evacuation
Flue requirement of the gas burner
Gas connection pressure
Combustion chamber resistor
Starting resistor approx.
Flue gas temperature
Service room

Voltage supply
Pre-fusing on site

15 l/min
Insertion of a filter min 200 µm
min. 2 bar, max. 10 bar
DN 12 x 1/2"
Waste water pipe min. DN 50 close-by the machine
according to local combustion chamber guidelines
according to DIN 4705 and DIN 18 160
min. 5 / max. 25 N/m² (min 0,5 / max. 2,5 mm Ws)
Natural gas - min. 20 mbar at burner operation
approx. 8 N/m² (0,8 mm Ws)
2 - 3 fold
approx. 200° C
800 mm on the right side of the machine
for cleaning the heating coil
400 V 3 AC 50 Hz
16 A slow



9.0 Quality mark

CE