



Gas-heated Wall Module FGM 918 MSE-Z

► Data Sheet



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.	15 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 12 x 1/2"
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 ² (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 ² (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

9.0 Quality mark

CE