

Oil-heated Wall Module

FOM 1415 MSE-Z

► Data Sheet

MADE IN GERMANY

1.0	Typ	FOM 1415 MSE-Z
2.0	Capacity	
2.1	High pressure stage	150 bar, 23,0 l/min; 70° C
2.2	Steam stage	30 bar, 10 l/min; 140° C
2.3	Pressure/Water flow rate	30 - 240 bar; 10 - 23,0 l/min
2.4	Mains connection	400 V 3 AC 50 Hz
2.5	Nominal consumption	7,5 kW / 15 A
3.0	Equipment	
3.1	Basic frame	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	Threephase motor 5,5 kW
3.5	Water tank	Steel tank, powder-coated
3.6	Water heater	Heating coil made of highly solid precision steel pipe with autonomous atomizing oil burner heat capacity 80 kW (68.800 kcal/h)
3.7	Atomizing oil burner for	Fuel oil EL according to DIN 51 603 with oil burner and flame control Combustion heat performance 89 kW (76.500 kcal/h) Fuel oil consumption at full load 7,5 kg/h (9,0 l/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 20
5.0	Abmessungen (LxBxH)	
5.1	Module	1000x58x825 mm
5.2	Main switch cabinet	380x 210x600 mm
6.0	Weight	
6.1	Module	190 kg
6.2	Main switch cabinet	25 kg
7.0	High pressure spray nozzle	2509 for 150 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 oil burner
Combustion chamber resistor
Starting resistor approx.
Flue gas temperature
Service room

Voltage supply
Pre-fusing on site

24 l/min
Insertion of a filter of min. 200 µm
min. 2 bar, max. 10 bar
DN 20 x 3/4"
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. 15 / max. 25 Pa (min 0,5 / max. 2,5 mm Ws)
approx. C13 8 PA (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