

Oil-heated Wall Module FOM 1024 MSE-Z



► Data Sheet



1.0	Type	FOM 1024 MSE-Z
2.0	Capacity	
2.1	High pressure stage	240 bar, 17,0 l/min; 90° C
2.2	Steam stage	30 bar, 10 l/min; 140° C
2.3	Pressure/Water flow rate	30 - 240 bar; 10 - 17,0 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	Three-phase 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) Atomizing oil burner for Fuel oil EL according to DIN 51 603 with oil burner and flame control
3.7	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	Dimensions (LxWxH)	
5.1	Module	1000x580x825 mm
5.2	Main switch cabinet	380x210 x600 mm
6.0	Weight	
6.1	Module	190 kg
6.2	Main switch cabinet	25 kg
7.0	High pressure spray nozzle	25045 für 240 bar with remote piping, resp. when using a HP-injector a bigger nozzle must be used.

Oil-heated Wall Module FOM 1024 MSE-Z



► Data Sheet

8.0 Conditions on site

Water supply min.	18 l/min
Use of industrial water	Insertion of a filter of 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 oil burner	min. 15 / max. 25 Pa (min 0,5 / max. 2,5 mm Ws)
Combustion chamber resistor	approx. 8 PA (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

