

# Oil-heated Wall Module FOM 1024 MSE-Z



## ► Data Sheet

MADE IN GERMANY

<b>1.0</b>	<b>Type</b>	FOM 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, 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
<b>3.0</b>	<b>Equipment</b>	
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
<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 20
<b>5.0</b>	<b>Dimensions (LxWxH)</b>	
5.1	Module	1000x580x825 mm
5.2	Main switch cabinet	380x210 x600 mm
<b>6.0</b>	<b>Weight</b>	
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.



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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

18 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. 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