

Service Information no. 198

MSM Foamguard Airomatic

Introduced at IFFA in Germany, 08/13-05-2010

Ready for sale as of 03-05-2010

The new "MSM Foamguard Airomatic" is cross-divisional foam unit, replacing the old "S510". The unit is delivered, with all accessories, in a plywood box, ready for shipment.

We have improved all the accessories to more professional accessories, which are:

- **15M Topflex hose with SS couplings**
- **Professional low pressure handle/valve SS with protection and vulcanized**
- **SS can holder for both 5 and 10L Ecolab cans, in case of 25 Litre can, please order special can holder.**
- **SS hose holder**

The MSM is also equipped with the BA-valve which fulfills the EN1717:

"Protection against pollution of portable water in water installations and general requirements of devices to prevent pollution by backflow".



Please see next pages for more information!

Should you need any further information do not hesitate to contact Nilfisk-ALTO Food Division sales department, direct tel. No.: +45 7218 2000.

Best regards
Nilfisk-ALTO Food Division

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MSM – Foamguard Airomatic

The compact units are complete cleaning system used for foam cleaning, rinsing with water or spray disinfection.

The MSM units are especially made for cleaning assignments that are less demanding and do not require a big pressure increase (5 bar + inlet) and max. 2 hours of cleaning per day. The units are especially suited for smaller applications such as: bakeries, butchers, supermarkets, hotel & test kitchens, restaurants, military, hospitals, small tanks, catering, small production areas and municipality areas etc. All units are equipped with a centrifugal pump which increases the water pressure with 5 bar.

MSM units are supplied with or without compressor. When supplied with compressor or prepared for external air supply, the standard foam nozzle is included. When supplied without compressor, the special Topjet foam nozzle is included.



Technical specifications	MSM10 Stat.	MSM1 C Stat.	MSM10 T Trolley	MSM1CT Trolley	MSM1X Stat.
Water:					
Inlet quick coupling	¾"	¾"	¾"	¾"	¾"
Inlet pressure, bar	2-4	2-4	2-4	2-4	2-4
Max. outlet pressure, bar	9,5	9,5	9,5	9,5	9,5
Water flow, rinsing/min.	20	20	20	20	20
Outlet quick coupling	½"	½"	½"	½"	½"
Air:					
Compressor:	No	Yes	no	Yes	Extern.
Air pressure, bar	-	2-5	-	2-5	2-5
Air consumption, l/min	-	50	-	50	50
Electricity:					
Supply voltage V/Hz	*1x230/50				
Motor load, kW	0,5	1,25	0,5	1,25	0,5
Nominal current, A	3,5	6,1	3,5	6,1	3,5
Fuse, A	10	10	10	10	10
General:					
Construction:	Stainless steel				
Chemical resistance	P3-Topax product				
Dimensions (mm):	Stat.: 595x506x299		Trolley: 1080x683x662		
Weight in kg net	48	54	67	73	50

ETA (European Technical Approval)

*additional charge for 60 Hz

C=compressor, T=Trolley, X=external air supply

Standard accessories	MSM10	MSM1C	MSM10T	MSM1CT	MSM1X
Rinsing lance 750mm w/Tornado 15/20SS	1	1	1	1	1
Foam nozzle 50/150 SS		1		1	1
Topjet foam nozzle	1		1		
Hose inlet ¾" yellow with connections 2M	1	1			1
Hose inlet ¾" yellow with connections 5M			1	1	
Hose Topflex ½" 15M with male coupling	1	1	1	1	1
Low pressure handle SS w/vulc. coupling	1	1	1	1	1
Can holder SS for 5 and 10L cans	1	1	1	1	1
Hose holder SS	1	1			1

MSM= Mainstation Small Manuel 1= One injector 0= No compressor C=compressor X= Xternal air T= Trolley

Packaging included

Accessories general: Outlet hose 15 m, pistol with quick connector, foam nozzle, spray lance, can holder for 5 & 10 L cans

Wall mounted: Inlet hose 2 m, hose holder, nozzle holder

Trolley: Three wheel trolley and inlet hose 5 m

Model	Description	Order no.	EBS Item nos
MSM10	Foamguard airomatic 1 injector no compressor	110000820	
MSM1C	Foamguard airomatic 1 injector with compressor	110000818	
MSM10T	Foamguard airomatic 1 injector, trolley no compressor	110000821	
MSM1CT	Foamguard airomatic 1 injector, trolley with compressor	110000819	
MSM1X	Foamguard airomatic 1 injector for external air supply	110000822	



FoamGuard Airomatic

Smart Mainstation for foam cleaning

- ▲ Rinse, Foam and Disinfection functionality
- ▲ Easy and simple operation
- ▲ Plug and play function
- ▲ Clear intuitive adjustment
- ▲ Chemical concentration regulated by selection of product flow limiting nozzle
- ▲ Best foam quality with "Airomatic" control
- ▲ Smart booster integrated "5 - 10 bar"



FoamGuard Airomatic

The compact units are complete cleaning systems used for application of foam, rinsing with water and application of sanitiser. The MSN units are especially made for cleaning assignments which do not require a big pressure increase (5 bar + inlet and max. 2 hours of cleaning per day).



- ▲ Chemical concentration regulated by selection of product flow limiting nozzle



- ▲ Designed for Ecolab high performance cleaning and disinfection products for the Food & Beverage industries



- ▲ With suitable can holder and suction hose



Technical Data:

Water Water	
Max. working pressure	9.5 bar
Pump pressure	5.5 bar
Min. water supply	50 l/min
Supply pressure	2 - 4 bar
Max. temperature	70 °C
Air	
Min. / Max. air pressure	2 - 5 bar
Air consumption	50 l/min
Air Inlet pipe dimension	1/4" D
Electricity	
Supply voltage N-L1	220 / 50-60 V/Hz
Power consumption, pump and compressor	0.8 - 1.05 KW
Fuse	10 A
General	
Dimension H x W x D	595 x 506 x 299 mm



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