

MS5



MAIN STATION

MS

MS is a stand alone cleaning unit for cleaning in the food industry.

It supplies pressurised water to System Cleaners' satellite stations and water outlets and has a built-in satellite.

The main station is designed and constructed according to System Cleaners' renowned and exceptional reliability. It is able to pressurise water within a range of 10-20 bar depending on choice of model.

HIGHLIGHTS

- Pressurisation of water
- Rinsing
- Foam application
- Disinfection
- Integrated satellite function
- Easy to service
- Hygienic design
- High-quality materials with high chemical resistance
- Frequency-controlled pump with soft start and stop (not MS1 and MSC1)

VARIANTS

MS is available with up to four chemical inlets, each of which may be used for pre-diluted or concentrated chemicals.

MS provides a great number of variants and options. It may also be equipped with a built-in compressor, if an external supply of compressed air is not available.

As an option, it is even possible to fit in an extra outlet, thus allowing a fourth chemical, foam or disinfection product.

TECHNICAL SPECIFICATIONS

| MODEL | MS5 | MS7 |
|---------------------------|-------------------------|-------------------------|
| Pump type | Grundfos CRNE 5-14J | Grundfos CRNE 10-9J |
| Numbers of users | 1-5 | 1-7 |
| WATER OUTLET | | |
| Connection | External thread 1½" BSP | External thread 1½" BSP |
| Pressure* at 30 l/min | 20 bar | 20 bar |
| Pressure* at 60 l/min | 20 bar | 20 bar |
| Pressure* at 80 l/min | 20 bar | 20 bar |
| Pressure* at 120 l/min | 20 bar | 20 bar |
| Pressure* at 150 l/min | 20 bar | 20 bar |
| Pressure* at 180 l/min | | 20 bar |
| Pressure* at 200 l/min | | 20 bar |
| FOAM | | |
| Flow** | 150 l/min | 150 l/min |
| Dosage** | 0.2-6% | 0.2-6% |
| DISINFECTION | | |
| Flow** | 7 l/min | 7 l/min |
| Dosage** | 0.2-6% | 0.2-6% |
| NOZZLES | | |
| Standard for rinse | 15/30 | 15/30 |
| Standard for foam | 50/200 | 50/200 |
| Standard for disinfection | 60/30 | 60/30 |
| DIMENSIONS | | |
| Height | 1,240 mm | 1,240 mm |
| Width | 680 mm | 680 mm |
| Depth | 380 mm | 380 mm |
| Weight | 125 kg | 150 kg |

Please note : Requirements when units are in service:

ELECTRICAL SUPPLY

| | | |
|------------------------|-----------------------|-----------------------|
| Frequency converter | Grundfos (integrated) | Grundfos (integrated) |
| Rated capacity | 5.5 kW | 7.5 kW |
| Rated voltage | 3x400 V | 3x400V |
| Frequency | 50 Hz | 50 Hz |
| Rated current | 10.6 amp | 14.2 amp |
| Speed | 4,400/min | 4,350/min |
| Recommended pre-fusing | 20 amp | 32 amp |
| Cable cross section | 4x1.5 mm ² | 4x2.5 mm ² |

WATER SUPPLY

| | | |
|------------------|----------------------|----------------------|
| Connection | 1½" BSP | 1½" BSP |
| Min. pressure | 1.5 bar | 1.5 bar |
| Max. pressure | 10 bar | 10 bar |
| Min. flow | 12 m ³ /h | 15 m ³ /h |
| Max. temperature | 70°C | 70°C |


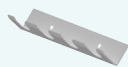


AIR SUPPLY

| | | |
|---------------|-----------|-----------|
| Connection | ø 8 | ø 8 |
| Min. pressure | 5 bar | 5 bar |
| Max. pressure | 10 bar | 10 bar |
| Min. flow | 150 l/min | 150 l/min |

* At a 4 bar inlet pressure

** Depending on product, temperature, viscosity, density and conditions for pressure.

STANDARD TOOLS DELIVERED WITH A MS MAIN STATION

| | | | |
|---|--|---|--|
|  <p>Rinsing nozzle BR15/30 53-015301</p> |  <p>Nozzle holder 57-000050</p> |  <p>Rinse lance 660 mm BR15/30 53-015303</p> |  <p>Disinfection nozzle KS60/30* 52-160300 (*For D and PD models)</p> |
|---|--|---|--|