



GA18 - 24 - 28

HIGH SPIN ASEPTIC
WASHING MACHINES

High spin aseptic washing machines GA18-24-28



The strength of experience

Aseptic washing machine with stainless steel drum, tub and external panels. The opposing external doors prevent any possible contact between clean and dirty laundry. In addition, the inner drum door is automatically aligned with the clean or the dirty side accordingly to the wash process status.

For a better and clean installation, the drain pipe is placed underneath the machine in the central part.

Every appliance is ready for up to 8 liquid soap connection directly on the inlet mixer and the PLC microprocessor control freely programmable allows every kind of wash process accordingly to the laundry treated.

Electric or steam heating version available.

Optionals

- Liquid soap pumps.
- Additional liquid soap inlet. The total liquid soap inlets will become 8+2.
- Recycling water kit.
- Tap for chemical water test.
- Second display placed on the appliance clean side.
- Cycle status external indicator, visual and acoustic signals are showed to the operators. Green, orange and red lights indications.
- Static weighing system through load cells.
- Side draining pipe.
- Handling base.

Frame and structure

The structure of the machine is particularly robust and suited to intensive work. The motor, located near the bottom, keeps its barycentre near the ground, reducing vibrations and noise level during spinning.

Models GA

| | | 18 | 24 | 28 |
|--------------------------|---------------------------|----------------|----------------|----------------|
| Ratio capacity | 1:10 / 1:9 | 18 / 20 | 24 / 26.7 | 28 / 31.1 |
| Drum dimensions | Diameter (mm) | 750 | 750 | 750 |
| | Depth (mm) | 409 | 544 | 639 |
| | Volume (dm ³) | 180 | 240 | 280 |
| Number of doors per side | N° | 1 | 1 | 1 |
| Doors dimensions | (mm) | 376 x 325 | 496 x 325 | 496 x 325 |
| Drum speed / G Factor | rpm | 42 ÷ 939 / 370 | 42 ÷ 939 / 370 | 42 ÷ 914 / 350 |

Net and packing dimensions

| | | | | |
|--------------------|--------------------------|-----------|-----------|-----------|
| Net dimensions | Width (mm) | 900 | 1020 | 1130 |
| | Depth (mm) | 1145 | 1145 | 1145 |
| | Height (mm) | 1455 | 1455 | 1455 |
| Packing dimensions | Width (mm) | 1010 | 1130 | 1240 |
| | Depth (mm) | 1235 | 1235 | 1235 |
| | Height (mm) | 1610 | 1610 | 1610 |
| | Volume (m ³) | 2 | 2.25 | 2.47 |
| Net / Gross weight | kg | 430 / 485 | 460 / 515 | 490 / 550 |

Water connection and consumption

| | | | | |
|---------------------|----------------------|-------------------|-------------------|-------------------|
| Water supply | kPa (bar) | 300 ÷ 500 (3 ÷ 5) | 300 ÷ 500 (3 ÷ 5) | 300 ÷ 500 (3 ÷ 5) |
| Inlets diameter | Inches | 3/4 | 3/4 | 3/4 |
| Number of inlets | N° | 3 | 3 | 3 |
| Drain | Inches | 3 | 3 | 3 |
| | Number | 1 | 1 | 1 |
| Water consumption** | Hot water (lt) | 38.5 | 51.4 | 60 |
| | Soft cold water (lt) | 38.5 | 51.4 | 60 |
| | Hard cold water (lt) | 77 | 102.7 | 120 |
| | Total (lt) | 154 | 205.5 | 240 |

Electric data

| | | | | |
|------------------------|-------------|----------------------------|----------------------------|----------------------------|
| Electric power supply* | V / ph / Hz | 230-240V 3~50/60Hz | 230-240V 3~50/60Hz | 230-240V 3~50/60Hz |
| | | 380-415V 3N 50/60Hz | 380-415V 3N 50/60Hz | 380-415V 3N 50/60Hz |
| | | 440-480V 3~ 60Hz | 440-480V 3~ 60Hz | 440-480V 3~ 60Hz |
| Electric thermal power | kW | 12 ÷ 18 | 18 | 21.9 |
| Motor power | kW | 2.20 | 3.00 | 3.00 |
| Electric total power | kW | 14.20 ÷ 20.20 | 21 | 24.9 |
| Noise | dB | <70 | <70 | <70 |
| Fuses | A | 25 ÷ 40 / 32 ÷ 63 | 40 ÷ 63 | 40 ÷ 63 |

Steam heated models

| | | | | |
|--------------------------|-----------|-------------------|-------------------|-------------------|
| Direct steam pressure | kPa (bar) | 100 ÷ 800 (1 ÷ 8) | 100 ÷ 800 (1 ÷ 8) | 100 ÷ 800 (1 ÷ 8) |
| Direct steam consumption | kg/h | 18 | 24 | 28 |
| Steam inlet | pollici | 1/2 | 1/2 | 1/2 |
| Electric total power | kW | 2.20 | 3.00 | 3.00 |
| Fuses | A | 6 ÷ 10 | 10 ÷ 16 | 10 ÷ 16 |

Dati di carico statico e dinamico al suolo

| | | | | |
|-----------------------------|----|------------|-----------|------------|
| Max static load with plinth | kN | 5.32 | 5.85 | 6.28 |
| Max dynamic load | kN | 4.5 ± 0.65 | 4.9 ± 1.0 | 5.4 ± 1.05 |
| Dynamic load frequency | Hz | 15.65 | 15.65 | 15.25 |

* SUPPLY PROTECTION DEVICE Tripping current 100mA. If this value is not allowed or available use a 30mA selective type protection device (circuit breakers) with small time delay set. Class B RCD has better performances than class A.

**The standard ISO9398 provides for the examination of the performance of the machine as a function of a wash cycle composed of a washing phase at 60°C, 3 rinse phases and final spin at full power, corresponding to a load equal to a nominal capacity with a 1:10 ratio, of towels cotton fabric weighing 420g/m² with dimensions of 60cm x 90cm.

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