

CUSTOMER:
REFERENCE:

GETINGE 600 SERIES FLUSHER DISINFECTOR

PRODUCT SPECIFICATION

PRODUCT

Getinge 600 is a range of top loaded, fully automatic microprocessor controlled flusher disinfectors. Processing cycles are factory programmed with recommended treatment parameters for optimization of flushing, cleaning and thermal disinfection. Validated programs are secured by access code.

INTENDED USE

Washer Disinfector for Human waste containers for emptying, washing and disinfection of bedpans, urine bottles, commode buckets, suction bags and urine bags. The receptacles should be loaded in correct holder recommended by Getinge Disinfection AB to comply with EN ISO 15883. The customer is responsible that Installation Qualification, Operating Qualification and Performance Qualification are performed according to EN ISO 15883 before product usage.

KEY FEATURES

- All machines are equipped with steam generator
- Slanting flush chamber for easy load and empty
- A large range of standards racks is available
- Hygiene deepdrawn flush chamber
- Pipe system disinfection, steam is injected through all nozzles
- Automatic lid
- Foot pedals as standard
- Wall-mounted or free standing

QUALITY STATEMENT

Confidence in the Getinge Groupe is the most important quality criterion. It must be the hallmark of all our external and internal commitments, activities and products. Products and service supplied by Getinge must conform to the agreed terms and expectations to ensure recommendations for further business. The achievement of these quality goals is the basis for continued complete and successful enterprise.



STANDARDS AND CODES

The Getinge 600-range Flusher Disinfectors are tested and approved to comply with the following requirements and standards:

- MDD 93/42/EEC (Medical Devices Directive)
Certificate no. 41314824 issued by Intertek
SEMKO AB code 0413
- ETL/SEMKO (Testing Laboratories Inc.)
CAN/CSA-C22.2 No. 1010.1,
IEC 61010-2-045, 2000, UL 61010A-1, 2002
- EMC (Electromagnetic Compatibility)
Standard: EN IEC 60601-1-2
- KIWA (Declaration Technical Water Supply Protection)
- EN ISO 15883

CUSTOMER:

REFERENCE:

ORDERING INFORMATION

PRODUCT SELECTION FOR ORDERING

For ordering please tick in your selections.

Standard choice Optional choice

MODEL

Water supply via built-in tank

- Flusher Disinfector 607
- Flusher Disinfector 607, prepared for turning device
- Flusher Disinfector 608, with PouchEater

SUCTION BAG

Getinge 608 is recommended for suction bags 2 and 3 litre produced by Serres and Medella.

NOTE: If the fluid has coagulated, the function can not be guaranteed. The result of the cleaning and disinfection phases are depending on the size of the clot and the material of the bag.

TYPE

- Wall mounted
- Wall mounted including two support legs
- Freestanding
- Rear wall fixture (only for wall mounted)

VOLTAGE SUPPLY

Electrical heating:

- 240 V, 3+PE, 60Hz
- 240 V, 2+PE, 60Hz
- 240V, 1N+PE, 50Hz
- 230/400 V, 3N+PE, 60Hz
- 230/400 V, 3N+PE, 50Hz
- 230 V, 3+PE, 60Hz
- 230 V, 1N+PE, 60Hz
- 230 V, 3+PE, 50Hz
- 230 V, 1N+PE, 50Hz
- 208V, 3+PE, 60Hz
- 208 V, 2+PE, 60Hz
- 200 V, 3+PE, 60Hz
- 200 V, 2+PE, 60Hz
- 200 V, 3+PE, 50Hz
- 200 V, 2+PE, 50Hz

Steam heating:

- 240 V, 2+PE, 60Hz
- 230 V, 1N+PE, 60Hz
- 230 V, 1N+PE, 50Hz
- 208 V, 2+PE, 60Hz
- 200 V, 2+PE, 60Hz
- 200 V, 2+PE, 50Hz

COOLING DOWN

Rinse after disinfection phase

- Without cooling
- Internal cooling from tank.

- External cooling (rinse after disinfection with water supplied directly from the water inlet instead of the water tank)

JETFLUSH

As standard the machine is equipped with a flush program.

- Jetflush with open lid from three separate nozzles

DOSING

- Without dosing
- Detergent process dosing (Detergent is dispensed in the tank)
- Detergent spray dosing, 607 only (Detergent is supplied through a special nozzle)
- Detergent spray with y-connection for De-scaling
- De-scaling

WATER CONNECTIONS

As standard 600-series is equipped with 2 m hoses for cold and warm water.

DRAINAGE

- Wall - P, Ø110 mm
- Floor - S, Ø110 mm
- Wall - P, Ø90 mm
- Floor - S, Ø90 mm

ACCESSORIES

Flusher Disinfector Getinge 607 without turning device is equipped with insert for round bedpans and two injector pipes for urinals.

Flusher Disinfector Getinge 607 with:

- Insert bedpan turning device
- Insert suction bottles turning devices. We recommend detergent dosing.
- Insert turning device for bedpan including two injections for urinals.
- Insert turning device for bedpan and one urinal including one injection for urinal
- Insert turning device for bedpan and two urinals.
- Bottom insert for round bedpans.

For further holders and adapters, please refer to the Getinge Holder Inventory.

LANGUAGE

Operator displays and manuals are available in a election of languages. Other information and manuals are in English.

- | | |
|-----------------------------------|------------------------------------|
| <input type="checkbox"/> Swedish | <input type="checkbox"/> Dutch |
| <input type="checkbox"/> French | <input type="checkbox"/> English |
| <input type="checkbox"/> German | <input type="checkbox"/> Spanish |
| <input type="checkbox"/> Danish | <input type="checkbox"/> Czech |
| <input type="checkbox"/> Estonian | <input type="checkbox"/> Finnish |
| <input type="checkbox"/> Greek | <input type="checkbox"/> Hungarian |
| <input type="checkbox"/> Italian | <input type="checkbox"/> Latvian |

OPERATOR CONTROL PANEL

The machine is controlled and operated from the control panel above the soiled-side door. The panel interface is a durable LCD display with two rows with 16 character on each row. A screen saver extends the life of the backlit LCD display. Touching any key illuminates and reactivates the display.

Following indicators and function keys are located on the display:

- Process Running
- Process Complete
- Alarms
- Reset Alarms
- Start Cycle
- Program selection 1-5

The software has a memory for up to 25 programs. Below the screen there are six programmable buttons for the most common programs. The other programs are reachable by entering the menu.

DOCUMENTATION

Machine delivery includes 1 set of the following documentation:

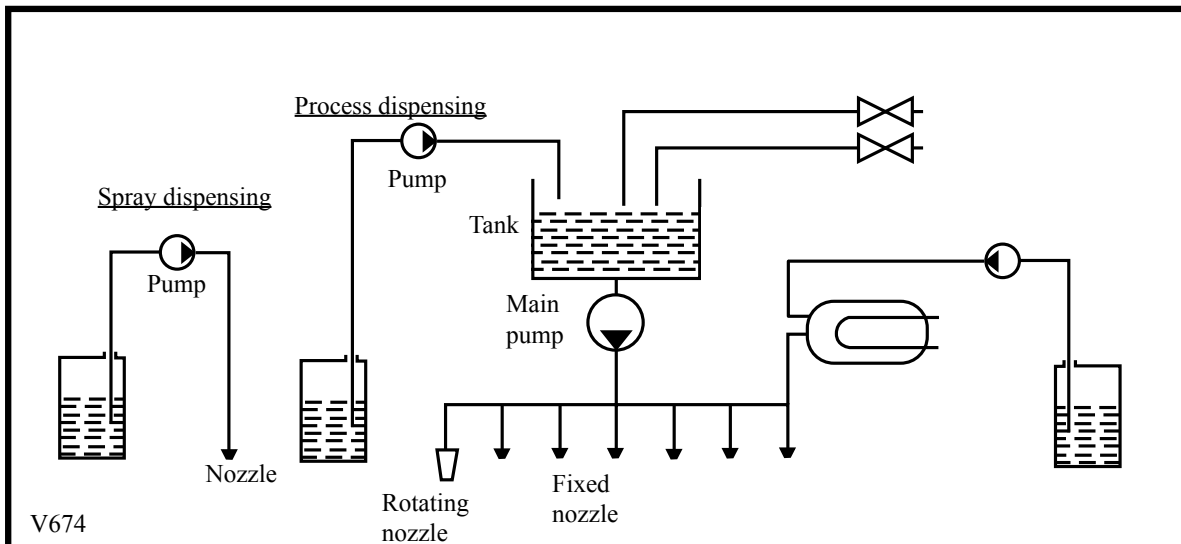
- Standard User Manual
- Standard Technical Manual, including P&I Diagrams and Electrical Drawings
- Standard Spare Part List
- Standard Installation Manual
- Quality Inspection Certificate
- Test temperature diagram
- Declaration of Conformity

The documentation is supplied as paper copy apart from standard Spare Part List and Service Installation, which are supplied in CD format.

DISCLAIMER

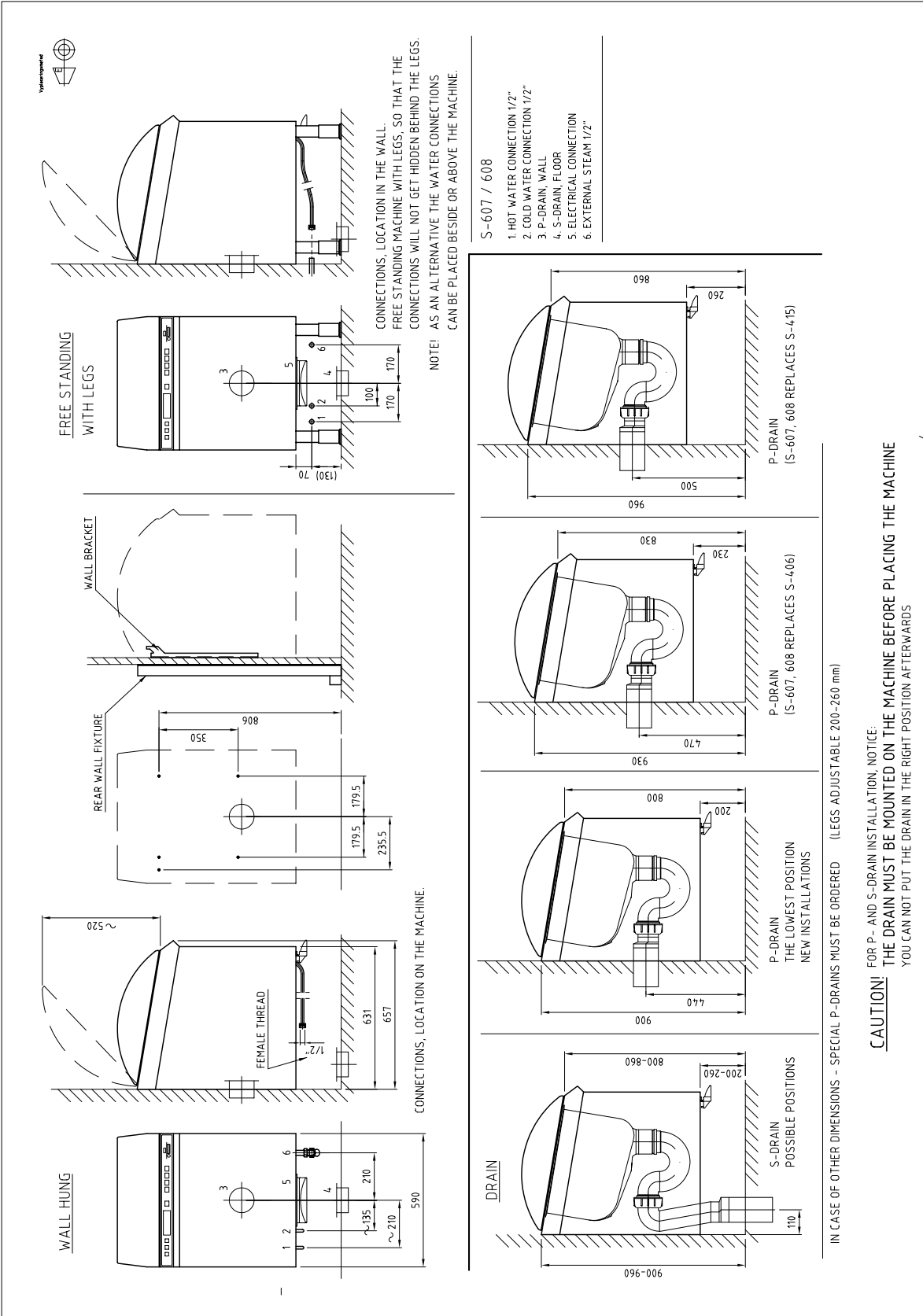
Do not use this product specification for installation of equipment. Subject to change without notice.

FUNCTIONAL DESCRIPTION



INSTALLATION

Dimensions in mm



GETINGE 600-SERIES - TECHNICAL DATA

UTILITY REQUIREMENTS

| Utility | Unit connection | Supply Pressure requirements | Flow requirement | Comments |
|---|--------------------------------|------------------------------|------------------|-------------------|
| Cold water (CW) | 15 (½ ") mm | 100 - 800 kPa | 20 L/min | See Notes 1 and 4 |
| Hot water (HW) | 15 (½ ") mm | 100 - 800 kPa | 20 L/min | See Notes 2 and 4 |
| Steam | 15 (½ ") mm | 30-300 kPa | 0,3 kg/process | See Note 4 |
| Drain (D) | Ø 110/90mm | N/A | N/A | See Notes 3 and 5 |
| Electrical (E) | Recommended service disconnect | Full load amps | | See Notes 6 and 7 |
| Electrical Heating: 240 V, 3+PE, 60 HzD15..... 16A 240 V, 2+PE, 60 HzD20..... 18A 240 V, 1N+PE, 50 Hz.....D20..... 18A 230/400 V, 3N+PE, 60 HzC10..... 10A 230/400 V, 3N+PE, 50 HzC10..... 10A 230 V, 3+PE, 60 HzC16A..... 16A 230 V, 1N+PE, 60 Hz.....C20..... 19A 230 V, 3+PE, 50 HzC16..... 15A 230 V, 1N+PE, 50 Hz.....C20..... 19A 208 V, 3+PE, 60 HzD22..... 18A 208 V, 2+PE, 60 HzD22..... 21A 200 V, 3+PE, 60 HzD20..... 18A 200 V, 2+PE, 60 HzD25..... 22A 200 V, 3+PE, 50 HzD20..... 18A 200 V, 2+PE, 50 HzD25..... 22A Steam Heating: 240 V, 2+PE, 60 HzD10..... 6A 230 V, 1N+PE, 60 Hz.....C10..... 6A 230 V, 1N+PE, 50Hz.....C10..... 5A 208 V, 2+PE, 60 HzD10..... 6A 200 V, 2+PE, 50 HzD10..... 5A 200 V, 2+PE, 60 HzD10..... 6A | | | | |

OPERATING CONDITIONS

| | | |
|-------------------------|---------------------|--|
| Room temperature | 5-40°C (41-104F) | |
| Air humidity | < 80% at 31°C (87F) | |
| Max surface temperature | 40° C | |

Noise level

Calculated sound power level Lw for washer, dB ref 1 pW. Disinfection is excluded i the measurement

| Octave band (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | LwA | LwAFmax | The sound power level as linear octave band levels are presented as A-leveled sound power level, both LwA and LwAFmax. |
|------------------|-----|-----|-----|------|------|------|------|-----|---------|--|
| Correction (Kok) | 60 | 56 | 56 | 58 | 58 | 56 | 57 | 64 | 80 | |

Noise level

Estimated LpA levels for Getinge 600-Series located in a 70 m³ room, db ref 20 µPa. Disinfection is excluded i the measurement

| Type of room | Description | Operator location * | 3 m from washer | The calculated sound power levels are different LpA levels in different types of rooms. With bigger room volume the noise level is reduced and vice versa. Here are three examples of expected LpA levels. * See Note 8 |
|--------------|--|---------------------|-----------------|--|
| Hard | All walls from concrete etc no absorbing elements | 63 | 63 | |
| Normal | Some sound absorbing elements like furniture and textiles. | 59 | 58 | |
| Subdeued | Some absorbing elements in celing and textiles | 56 | 54 | |

Water consumption (without cooling)

| | | |
|-----------|-----------------|-------------------------|
| Economy | 18 liter ± 10 % | Cooling approx. 3 liter |
| Normal | 29 liter ± 10 % | |
| Intensive | 36 liter ± 10 % | |

| WEIGHTS AND DIMENSIONS | |
|-------------------------------------|---------------------------------------|
| Outer Dimensions | |
| Width | 590 mm |
| Depth | 660 mm |
| Height | 1000 -1060 mm |
| Weight | 85 kg |
| Effective Chamber dimensions | |
| Width | 465 mm |
| Depth | 400 mm |
| Height | 400 mm |
| Volume | 70 L |
| Material of construction | Stainless steel EN 1,4404, ASTM 316 L |

Notes:

- 1) CW recommend quality = drinking water (see Installation Manual) and temperature <20°C (<68F).
- 2) HW recommend quality = drinking water (see Installation Manual) and temperature 45-60°C (113-140F).
- 3) Without drain cooling is the temperature up to 90°C (194F). With drain cooling 60°C (164F).
- 4) It shall be the Users responsibility to eliminate water or steam hammer conditions should they occur in the service piping.
- 5) It shall be the customers responsibility to provide a properly sized and located drainage system in accordance with the national plumbing code. Consider that other equipment is tied to train to eliminate slow drainage or backup.
- 6) It shall be the User responsibility to complete all electrical connections using properly sized wiring in accordance with the national electrical code.
- 7) It shall be the customers responsibility to proved a fused disconnect switch in all electrical supply lines at the washer location.
- 8) LpA levels are valid when washer is built in. Measured 1 meter in front of the washer and 1.5 meter above the floor level.



Getinge provides complete solutions for effective and efficient cleaning, disinfection and sterilization in the healthcare and life science sectors. Our know-how comprises everything from architectural planning, production and handling equipment, to systems for full traceability of sterile goods. Our commitment covers expert advice, training and long-term technical support.

GETINGE

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GETINGE

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APPENDIX

Document History, PS07-0011 Getinge 600-Series

| Date | Edition | Change | Updated by |
|------------|---------|---------------|----------------|
| 2007-02-08 | A | First edition | Hanna Lindblom |