

| | | | | | | | |
|---------------------------------------|---|---|--|---------------------|----------------------------|-----------|----------|
| Load capacity (dry laundry) | | | 16 kg / Load ratio 1 : 10 | | | | |
| Type of heating | | | Electric | HP-steam (indirect) | Electric/HP-steam (direct) | | |
| Packaging dimensions | W | mm | 1310 | 1310 | 1310 | | |
| Standard/Sea freight | D | mm | 1070 | 1070 | 1070 | | |
| | H | mm | 1805 | 1805 | 1805 | | |
| Gross weight | Normal | kg | 648 | 651 | 651 | | |
| | Sea freight | kg | | | | | |
| Machine dimensions | W | mm | 1153 (1110) | 1164 (1110) | 1164 (1110) | | |
| Overall dimensions | D | mm | 1070 (870) | 1070 (870) | 1070 (870) | | |
| | H | mm | 1718 (1705) | 1718 (1705) | 1718 (1705) | | |
| Net weight | | kg | 634 | 637 | 637 | | |
| Max. floor load in operation | N | | 7479 | 7482 | 7482 | | |
| Frequency | Hz | | 16,3 | 16,3 | 16,3 | | |
| Total rated load (EL) | kW | | 18,0 | 3,0 | 18,0 | | |
| Heater rating | kW | | 15,0 | 37 | 15,0 / 29 | | |
| Rating | Drive | W | 3,0 | 3,0 | 3,0 | | |
| Motor | Drain pump ² | W | | | | | |
| Fuse rating ³ | | | | | | | |
| | 3N AC 380-415V 50-60Hz | A | 3 x 25 | 3 x 16 | 3 x 25 | | |
| | 3 AC 220-240/208V 50-60Hz | A | 3 x 50 | 3 x 16 | 3 x 50 | | |
| Connection EL ⁴ | | | | | | | |
| | 3N AC 380-415V 50-60Hz | mm ² | 5 x 4 | 5 x 1,5 | 5 x 4 | | |
| | 3 AC 220-240/208V 50-60Hz | mm ² | 4 x 10 | 4 x 1,5 | 4 x 10 | | |
| Connection | Water | cold cold-raw warm ≤ 70°C Liquid disp. (Opt.) | 2 x pressure hose DN 10 with 3/4" threaded union, 1.5 m 2 x pressure hose DN 10 with 3/4" threaded union, 1.5 m 1 x pressure hose DN 10 with 3/4" threaded union, 1.5 m 1 x pressure hose DN 10 with 3/4" threaded union, 1.5 m | | | | |
| | Drainage | | Plastic drain pipe DN 70 Approx. 80 l/min Approx. 200 l/min - free drainage | | | | |
| | Water inlet throughput max. | | | 1/2" | 1/2" | | |
| | Drainage throughput max. | | | 1/2" | | | |
| | HP-steam | | | | | | |
| | Condensate | | | | | | |
| | LP-steam | | | | | | |
| Drum | Diameter | mm | 678 | | Wash. | Pre-spin. | Spin. |
| | Depth | mm | 455 | rpm | 45 | | 1025 |
| | Contents | l | 160 | Circumference speed | 1,6 m/s | | 36,4 m/s |
| | ∅ Door opening | mm | 352x366 | g factor | 0,77 | | 398 |
| Residual moisture ⁵ | Approx. 46% after hot rinse and 10-minute spin Approx. 48% after cold rinse and 10-minute spin | | | | | | |
| Required water pressure/flow pressure | 100 kPa (400 kPa for minimum inlet times) | | | | | | |
| Largest removable component | Suds container 515 x 894 x 846 mm | | | | | | |
| Disassembly/Assembly time approx. | h | | | | | | |
| Material | Plinth | E 235 +N | | | | | |
| | Drum | 1.4301 | | | | | |
| | Suds container | 1.4301 | | | | | |
| | Casing: Front panel | 1.4301 DIN 59232 / 17441 od. DX51D+Z275-M-B-O; octoblue | | | | | |
| | Side panel / Lid | DX51D+Z275-M-B-O; octoblue | | | | | |

| Type of heating | | | | Electric | | HP-Steam indirect | | Electric/steam dir. | | | |
|---|-----------------|------------|------------|-------------|------------|-------------------|------------|---------------------|------------|-------------|------------|
| Temp. increase rate K/min | | | | | | | | | | | |
| Approx. consumption/wash cycle ⁷ | | | | CW | WW 70°C | CW | WW 70°C | CW | WW 70°C | | |
| Therm. Desinf. RKI 90°C Cool down | Energy req'ment | Heating EL | kWh kWh | 11,1 0,8 | 8,1 0,7 | | | 11,1 0,6 | 8,1 0,6 | 11,1 0,6 | 8,1 0,6 |
| | Water | Cold | l | 350 | 305 | | | 350 | 305 | 350 | 305 |
| | | Cold raw | l | ... | ... | | | ... | ... | ... | ... |
| | | Hot | l | ... | 45 | | | ... | 45 | ... | 45 |
| Time | | | mins. | 108 | 98 | | | 81 | 78 | 86 | 81 |
| Ch-th. Desinf. RKI 60°C | Energy req'ment | Heating EL | kWh kWh | 6,3 0,7 | 3,1 0,6 | | | 6,3 0,6 | 3,1 0,5 | 6,3 0,6 | 3,1 0,6 |
| | Water | Cold | l | 220 | 175 | | | 220 | 175 | 220 | 175 |
| | | Cold raw | l | ... | ... | | | ... | ... | ... | ... |
| | | Hot | l | ... | 45 | | | ... | 45 | ... | 45 |
| Time | | | mins. | 91 | 77 | | | 76 | 69 | 79 | 71 |
| 60°C- Progr. | Energy req'ment | Heating EL | kWh kWh | 3,8 0,5 | 1,7 0,5 | | | 3,8 0,4 | 1,7 0,4 | 3,8 0,5 | 1,7 0,4 |
| | Water | Cold | l | 154 | 82 | | | 154 | 82 | 154 | 82 |
| | | Cold raw | l | ... | ... | | | ... | ... | ... | ... |
| | | Hot | l | ... | 72 | | | ... | 72 | ... | 72 |
| Time | | | mins. | 63 | 55 | | | 53 | 50 | 55 | 51 |
| 60°C- Progr. with pre- wash. | Energy req'ment | Heating EL | kWh kWh | 4,5 0,6 | 0,9 0,5 | | | 4,5 0,5 | 0,9 0,5 | 4,5 0,5 | 0,9 0,5 |
| | Water | Cold | l | 190 | 90 | | | 190 | 90 | 190 | 90 |
| | | Cold raw | l | ... | ... | | | ... | ... | ... | ... |
| | | Hot | l | ... | 100 | | | ... | 100 | ... | 100 |
| Time | | | mins. | 77 | 63 | | | 66 | 61 | 68 | 61 |
| WetCare sensitiv | Energy req'ment | Heating EL | kWh kWh | 0,9 <0,1 | ... | | | | | | |
| | Water | Cold | l | 105 | ... | | | | | | |
| | | Cold raw | l | ... | ... | | | | | | |
| | | Hot | l | ... | ... | | | | | | |
| Time | | | mins. | 18 | ... | | | | | | |

Italics: estimated values

For disinfection programmes the corresponding temperature holding times have to be added.

Kinetic energy: 7690 Nm

Heat dissipation to ambient room: 6.50 MJ/h¹⁰

Acoustic pressure level: L_{WA} spinning 70 dB

Acoustic power level: L_{PA} washing dB; spinning 79,5 dB

Test marks:

- 3) Operating category: gL
- 4) Minimum cross section according to VDE 0100 Part 430 / Group 2
- 5) Cotton textiles: Standard load DIN EN 60456
- 6) Values stated for HPind = 800 kPa (min. 400 kPa; max. 1000 kPa)
for HPdir = max. 400 kPa und bei NDdir. = min. 50 kPa
- 7) Cotton textiles: Standard load DIN EN 60456
with/without pre-wash; 3 rinse cycles; with/without Cool Down
- 8) at 300 kPa water pressure (flow-pressure)
- 9)
- 10) depends on the selected programme and the ambient room temperature

Thermal disinfection

According to RKI (Robert-Koch-Institute), for thermal disinfection a minimum liquor ratio of 1:5 is required. This means 5 litres of water per kg laundry (nominal load quantity). Besides, the programme includes a cool-down phase, which also contributes to the water consumption.

Apart from this, with this programme we assure that the prescribed temperature of 90 °C during the complete holding time will not be under-run

Chemo-thermal disinfection

According to RKI (Robert-Koch-Institute), for chemo-thermal disinfection a minimum liquor ratio of 1:5 is required. This means 5 litres of water per kilo laundry (nominal load quantity).

Apart from this, with this programme we assure that the prescribed temperature of 60 °C during the complete holding time will not be under-run.