

Washer extractors

W475M, W485M, W4105M

Features and benefits

- Frequency-controlled motor ensure flexibility in wash and extraction action
- Good dewatering ability thanks to higher G-force compared with a traditional solid mount machine
- Solid mount construction with robust frame in galvanized steel
- Available with two types of program controls:
 - Compass Control® with:**
 - Large display and one dial for easy program selection
 - Language selection
 - Two Quick Start buttons for frequently used wash programs
 - Wash program packages optimized on *Economy, Performance and Time*
 - Clarus Control® with:**
 - Fully programmable microprocessor
 - All relevant wash parameters can be programmed
 - Programming from key pad or downloading via memory card
- AWS – Automatic Weighing System with Compass Control – determine the wash load and adopt the water intake accordingly. Savings on water and energy if machine is not fully loaded
- Extremely low water and energy consumption – see table below
- Four compartment soap box for manual dosing of powder or liquid detergent
- Large door opening for easy loading/unloading
- Stainless and galvanized steel in all vital parts for high degree of rust protection
- SuperBalance™ guarantees the correct extraction force



Compass Control

Main options

- Automatic liquid detergent supply (optional I/O board for Compass Control)
- Stainless steel front panel
- Stainless steel side panel (Clarus Control only)
- Drain pump



Clarus Control

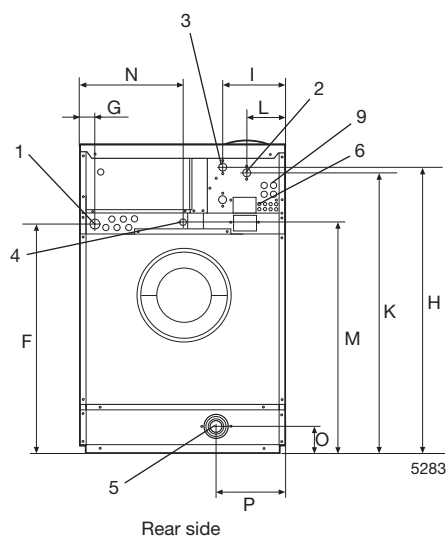
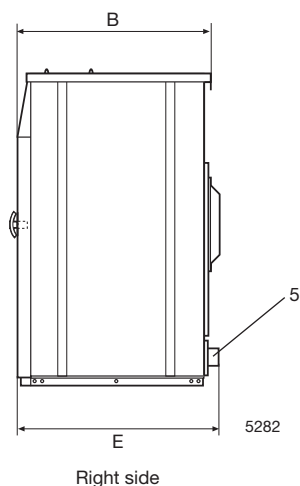
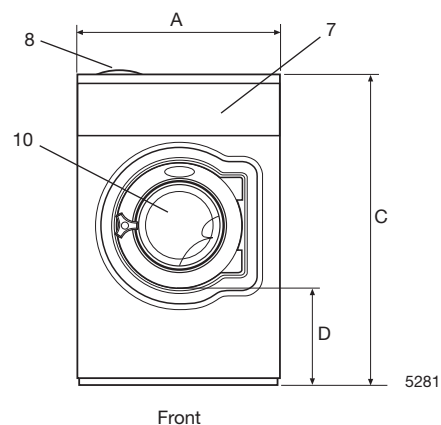
| Main specifications | | | | W475M | | W485M | | W4105M | |
|--|-------------|----|--|-----------|-------|-----------|-------|----------|-------|
| Max. capacity | kg/lb | | | 8/18 | | 9/20 | | 11/25 | |
| Drum, volume | litre | | | 75 | | 85 | | 105 | |
| diameter | ø mm | | | 520 | | 520 | | 595 | |
| Extraction | rpm | | | 694 | | 694 | | 649 | |
| G-factor | | | | 140 | | 140 | | 140 | |
| Heating alternatives, 230/400V | electricity | kW | | 7.4 | | 7.4 | | 7.4/9.6 | |
| | steam | | | x | | x | | x | |
| | non-heated | | | x | | x | | x | |
| Consumption data "Normal 60°C" * (3G01) | | | | El | Steam | El | Steam | El | Steam |
| Total time | min | | | 46 | ** | 46 | ** | 47 | ** |
| Water consumption (cold/hot) | litre | | | 54/14 | 54/14 | 55/15 | 55/15 | 72/20 | 72/20 |
| Energy consumption (motor/heating)* | kWh | | | 0.15/0.35 | 0.15 | 0.15/0.35 | 0.15 | 0.15/0.5 | 0.15 |
| Steam consumption | kg | | | - | 0.5 | - | 0.5 | - | 0.7 |

* Water temperature 15°C cold water and 65°C hot water

** Depending on steam pressure

Certified in accordance with ISO 9001 and ISO 14001 and approved IP 24D.

| Electrical connections* | | | W475M | W485M | W4105M |
|-----------------------------------|-----------------------|---------|---------|---|---------|
| Heating | Voltage | | | | |
| El. | 230V 1AC 50 Hz | kW(A) | 7.3(35) | 7.3(35) | 9.6(50) |
| | 230V 3AC 50 Hz | kW(A) | 7.3(20) | 7.3(20) | 9.6(35) |
| | 208-240V 3AC 60 Hz | kW(A) | 7.3(25) | 7.3(25) | 9.6(35) |
| | 400-415V 3N AC 50 Hz | kW(A) | 7.4(16) | 7.4(16) | 9.6(16) |
| Steam or non-heated | 230V 1AC 60 Hz | kW(A) | 0.6(10) | 0.6(10) | 0.8(10) |
| | 208-240V 1AC 60 Hz | kW(A) | 0.6(10) | 0.6(10) | 0.8(10) |
| | 230V 1AC 50 Hz | kW(A) | 0.6(10) | 0.6(10) | 0.8(10) |
| Water and steam connection | | | | | |
| Water valves | DN | 20 | 20 | 20 | 20 |
| Water pressure | kPa | 150-400 | 150-400 | 150-400 | 150-400 |
| Capacity at 300 kPa | l/min | 20 | 20 | 20 | 20 |
| Drain valve | ømm | 75 | 75 | 75 | 75 |
| Draining capacity | l/min | 150 | 150 | 150 | 150 |
| Steam valve | DN | 15 | 15 | 15 | 15 |
| Steam pressure | kPa | 300-600 | 300-600 | 300-600 | 300-600 |
| Liquid detergent supplies | | 5 | 5 | 5 | 5 |
| Floor requirements | | | | | |
| Frequency of the dynamic force | Hz | 11.6 | 11.6 | 11.6 | 11.6 |
| Max floor load at extraction | kN | 1.1±2.5 | 1.2±2.6 | 1.3±2.9 | |
| Sound levels | | | | | |
| Sound pressure level** | dB(A) | 59 | 59 | 64 | |
| Sound power level (IEC 60704-2-4) | dB(A) | 66 | 66 | 71 | |
| Heat emission | | | | | |
| % of installed power, max | | 5 | 5 | 5 | |
| Shipping data | | | | | |
| | net, kg | 132 | 136 | 170 | |
| | crated, kg | 145 | 150 | 183 | |
| Shipping volume | m ³ | 0.74 | 0.74 | 0.9 | |
| Accessories | | | | | |
| Steel base frame | | x | x | x | |
| Hose kits for water or steam | | x | x | x | |
| Fluff collector | | x | x | x | |
| Dimensions in mm | | | | | |
| A Width | | 660 | 660 | 720 | |
| B Depth | | 690 | 730 | 705 | |
| C Height | | 1115 | 1115 | 1200 | |
| D | | 355 | 355 | 365 | |
| E | | 725 | 765 | 740 | |
| F | | 825 | 825 | 910 | |
| G | | 45 | 45 | 45 | |
| H | | 1030 | 1030 | 1115 | |
| I | | 215 | 215 | 215 | |
| K | | 1010 | 1010 | 1095 | |
| L | | 130 | 130 | 130 | |
| M | | 330 | 830 | 910 | |
| N | | 385 | 385 | 420 | |
| O | | 100 | 100 | 100 | |
| P | | 210 | 210 | 235 | |
| 1 | Electrical connection | | 6 | Liquid supply connections | |
| 2 | Cold water | | 7 | Control panel | |
| 3 | Hot water | | 8 | Soap box | |
| 4 | Steam connection | | 9 | Connections for water re-use | |
| 5 | Drain | | 10 | Door opening ø310 (W475M, W485M), ø365 (W4105M) | |



Front and side panels in light grey with "Blue Wave" on front panel (RAL 260 70 05, 250 60 30)

* Other voltages available, see installation manual

** Approx. value at operators position in a mid-size laundry room

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We reserve the right to alter specifications without notice.