

# Washer extractor

## W5180N

### Features and benefits

- **Compass Pro® microprocessor offers:**
  - Large display and one control knob for easy program selection
  - Language selection
  - Quick selection and option buttons for the most frequently used wash programs and options
  - Wash program packages optimized on Economy, Performance and Time. (Available on general programs)
- Extremely low water and energy consumption – see table below
- Four compartment detergent box for manual dosing of powder or liquid detergent
- High extraction force for efficient dewatering
- Door with gasket and strong hinges built for heavy duty operation
- Stainless and galvanized steel in all vital parts for high degree of rust protection
- SuperBalance guarantees the correct extraction force

### Main options

- Automatic liquid detergent supply (optional I/O board)
- Connection to booking- /payment- system or coin meter



Images shown are a representation of the product only and variations may occur.

| Main specifications                          |                    |       |  | W5180N           |                  |                  |                  |
|----------------------------------------------|--------------------|-------|--|------------------|------------------|------------------|------------------|
| Max. capacity                                | filling factor 1:9 | kg/lb |  | 20/45            |                  |                  |                  |
| Drum,                                        | volume             | litre |  | 180              |                  |                  |                  |
|                                              | diameter           | ø mm  |  | 650              |                  |                  |                  |
| Extraction                                   |                    | rpm   |  | 525              |                  |                  |                  |
| G-factor                                     |                    |       |  | 100              |                  |                  |                  |
| Standard heating alternatives                | electricity        | kW    |  | 13.0             |                  |                  |                  |
|                                              | steam              |       |  | x                |                  |                  |                  |
|                                              | non-heated         |       |  | x                |                  |                  |                  |
| <b>Consumption data "Normal 60°C"</b>        |                    |       |  | EI               |                  | Steam**          |                  |
| <b>Economy*</b>                              |                    |       |  | Full load, 20 kg | Half load, 10 kg | Full load, 20 kg | Half load, 10 kg |
| Total time                                   |                    | min   |  | 50               | 47               | 50               | 47               |
| Water consumption (cold+hot)                 |                    | litre |  | 124+31           | 101+21           | 155+0            | 122+0            |
| Energy consumption (motor/heating/hot water) |                    | kWh   |  | 0.25/0.9/2.0     | 0.25/0.6/1.35    | 0.25/-           | 0.25/-           |
| Steam consumption                            |                    | kg    |  | -                | -                | 4.35             | 2.9              |
| Residual moisture                            |                    | %     |  | 69               | 78               | 69               | 78               |

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

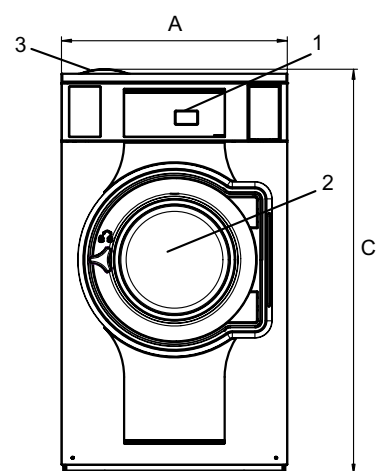
\*\* Depending on steam pressure.

Produced according to ISO 9001 and ISO 14001.

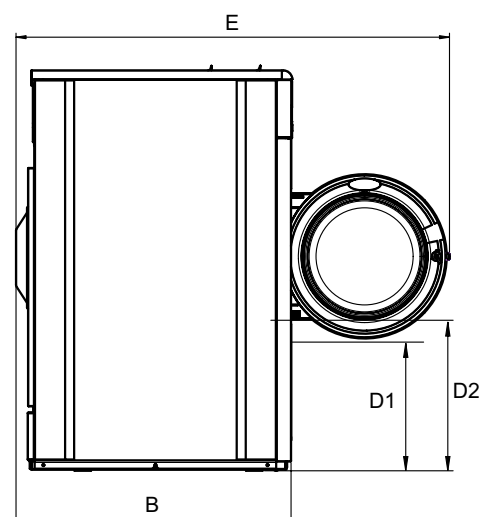
Certified with CB certificate for Low Voltage Directive and S-mark according to the Machinery Directive. Protection class IP X4D.

| Electrical connections |               |       |                  |                |                    |
|------------------------|---------------|-------|------------------|----------------|--------------------|
| Heating alternative    | Main voltage  |       | Heating power kW | Total power kW | Recommended fuse A |
|                        |               | Hz    |                  |                |                    |
| Electric heated        | 220-240V 1 ~  | 50/60 | 4.8/13.0         | 5.3/13.5       | 25/63              |
|                        | 220-240V 3 ~  | 50/60 | 4.8/13.0         | 5.3/13.5       | 16/35              |
|                        | 380-415V 3N ~ | 50/60 | 4.8/13.0         | 5.3/13.5       | 10/25              |
|                        | 440V 3 ~      | 60    | 13.0             | 13.5           | 20                 |
|                        | 480V 3 ~      | 60    | 13.0             | 13.5           | 20                 |
| Steam or Non heated    | 220-480V 1 ~  | 50/60 | -                | 1.0            | 10                 |

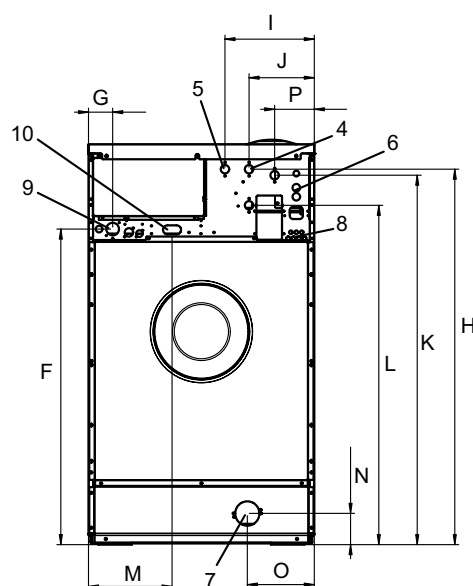
| Water and steam connection                |                           | W5180N    |
|-------------------------------------------|---------------------------|-----------|
| Water valves                              | DN                        | 20        |
| Water pressure                            | kPa                       | 200-600   |
| Capacity at 300 kPa                       | l/min                     | 30        |
| Drain valve                               | ø mm                      | 75        |
| Draining capacity                         | l/min                     | 170       |
| Steam valve                               | DN                        | 15        |
| Steam pressure                            | kPa                       | 300-600   |
| Liquid detergent supplies                 |                           | 5         |
| Floor requirements                        |                           |           |
| Frequency of the dynamic force            | Hz                        | 8.8       |
| Floor load at max extraction              | kN                        | 2.9 ± 3.9 |
| Sound levels                              |                           |           |
| Sound power/pressure level at extraction* | dB(A)                     | 70/55     |
| Sound power/pressure level at wash*       | dB(A)                     | 67/52     |
| Heat emission                             |                           |           |
| % of installed power, max                 |                           | 5         |
| Shipping data**                           |                           |           |
| Weight                                    | net, kg                   | 207       |
| Shipping volume                           | m <sup>3</sup>            | 1.26      |
| Accessories                               |                           |           |
| Steel base                                |                           | x         |
| Hose kits for water or steam              |                           | x         |
| Fluff collector                           |                           | x         |
| Dimensions in mm                          |                           |           |
| A Width                                   |                           | 750       |
| B Depth                                   |                           | 914       |
| C Height                                  |                           | 1345      |
| D1                                        |                           | 439       |
| D2                                        |                           | 500       |
| E                                         |                           | 1440      |
| F                                         |                           | 1048      |
| G                                         |                           | 80        |
| H                                         |                           | 1247      |
| I                                         |                           | 297       |
| J                                         |                           | 217       |
| K                                         |                           | 1227      |
| L                                         |                           | 1127      |
| M                                         |                           | 278       |
| N                                         |                           | 104       |
| O                                         |                           | 223       |
| P                                         |                           | 132       |
| 1 Operating panel                         | 7 Drain                   |           |
| 2 Door opening ø 395 mm                   | 8 Liquid detergent supply |           |
| 3 Detergent box                           | 9 Electrical connection   |           |
| 4 Cold water                              | 10 Steam connection       |           |
| 5 Hot water                               |                           |           |
| 6 Re-used water                           |                           |           |



Front



Side view



Rear

Front and side panels in light grey and blue (RAL 260 70 05, 250 60 30)

\* Sound power levels measured according to ISO 60704.

\*\* Average data. Crated weight/shipping volume depends on configuration. Please contact logistics for exact measures.