Reference washer extractor
Wascator FOM71 CLS

Features and benefits

- **Clarus Control® with:**
  - Fully programmable microprocessor
  - All relevant wash parameters can be programmed
  - Programming from key pad or downloading via memory card

- Meets IEC and ISO international standards

- Suitable for testing washing effects of detergents and chemicals and for textile quality control

- Suspended drum construction allows a high extraction force. No foundation required

- Small space between outer/inner drum for efficient use of water and detergent

- Dual water control of volume (weight) and level

- Built in scale for precise volume control, accuracy:
  - volume control +/- 0.2 litre/bath
  - level control +/- 0.8 litre/bath

- Frequency controlled motor system for flexibility in programming and precise speed

- Test tap for water samples

- Stainless steel drum assembly, front, side and top panel

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

Main options

- LPM (Laundry Program Manager) PC programming kit in Windows. For more information regarding LPM, please refer to the product data sheet for LPM

- Extra program memory cards

Main specifications			Wascator FOM71 CLS
Drum,	volume	litre	61
	diameter	ø mm	520
Extraction, max		rpm	1100
G-factor, max			350
Heating	electricity	kW	5.4

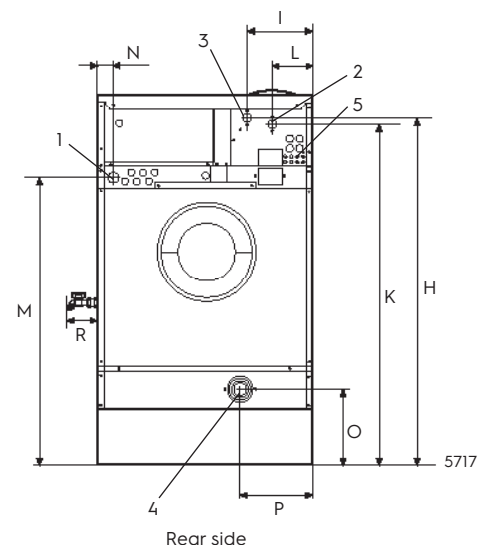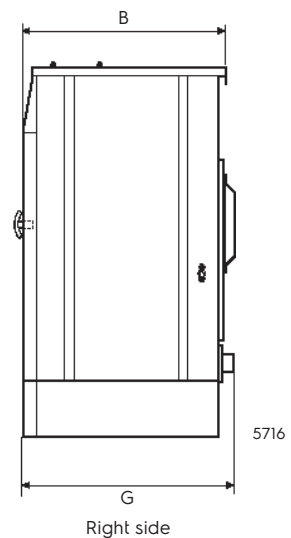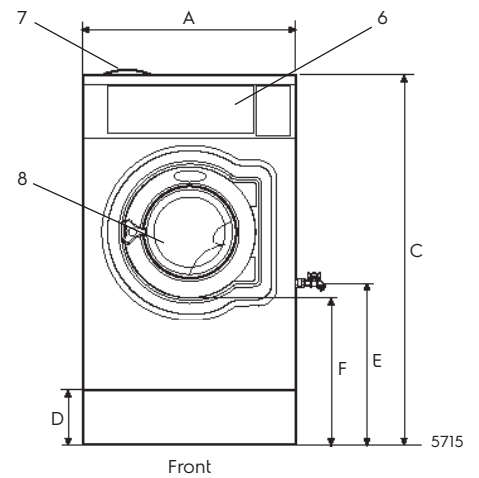Produced according to ISO 9001 and ISO 14001.
Certified with CB certificate for Low Voltage Directive and S-mark according to the Machinery Directive. Protection class IP X4D.

Function/subsystem

Ambient conditions	
The machine shall be able to function during the same ambient conditions as normal washing machines. The functional values with tolerances will be valid if following ambient conditions are kept.	
Voltage	Nominal ±2%
Frequency	Nominal ±2%
Inlet water Cold	(15±2) °C
Hot	Max (60±2) °C
Water pressure	(240±50) kPa
Ambient temperature	(20±5) °C

Inner drum	
Diameter	(520±1) mm
Depth	(315±1) mm
Volume	61 l
Lifting vanes: Number	3
Height	53 mm
Radius	17 mm
Base width	65 mm
Perforation: Diameter	5 mm
Depth of countersink	2.5 mm
Total hole area	600 cm^2
Material: Stainless steel	2333 (SS 18/8)

Outer drum	
Diameter	554 mm
Sump	~ (1300±25) ml
Material: Stainless steel	2333 (SS 18/8)

Door opening	
Opening diameter	310 mm

Cabinet	
Stainless steel	2333 (SS 18/8)

Drum speed	
Washing speed: Programmable	(20 – 59±1) RPM
Extraction: Programmable	(200 – 1100±20) RPM

Reversing rythm	
Programmable	(0 – 250±0.1) = sec. (Tolerance area refers to timer intervals)

Water level	
Weight sensing	
Repeatability	±0.1kg/bath
Stepsize	0.05kg
Dosing accuracy weight control	±0.2kg/bath
Level sensing:	
Repeatability	±5 mm
Stepsize	3 mm
Dosing accuracy level control	±0.8litre/bath

Thermostat	
Continuos variable in each wash sequence	Yes
Selectable interval	(4-97) °C
Programming steps	1 °C
Switch off temperature accuracy in Interval 30-97 °C	±1 °C
Interval switch off temperature – switch on temperature	4 °C

![Electrolux Professional logo]

Electrical connections			Wascator FOM71 CLS
Heating	Voltage		
El.	230V 3AC 50/60 Hz	kW(A)	5.7(16)
	240V 3AC 50/60 Hz	kW(A)	5.7(16)
	400V 3N AC 50/60 Hz	kW(A)	5.7(10)
	415V 3N AC 50/60 Hz	kW(A)	5.7(10)
Water and steam connection			
Water valves		DN	20
Water pressure		kPa	150–400
Capacity at 300 kPa		l/min	20
Drain valve		ø mm	50/75
Draining capacity		l/min	150
Liquid detergent supplies			4
Floor requirements			
Frequency of the dynamic force		Hz	18.3
Floor load at max extraction		kN	1.6 ± 0.5
Sound levels			
Sound pressure level*		dB(A)	71
Heat emission			
% of installed power, max			5
Shipping data			
Weight		net, kg	195
		crated, kg	260
Shipping volume		m³	0.89
Accessories			
Hose connection kit for water			x
Dimensions in mm			
A Width			720
B Depth			690
C Height			1315
D			200
E			750
F			555
G			720
H			1230
I			220
K			1010
L			135
M			825
N			45
O			300
P			240
R			135

1 Electrical connection	5 Liquid supply connections
2 Cold water	6 Control panel
3 Hot water	7 Detergent compartment
4 Drain	8 Door opening ø 310 mm

* A-weighted emmission sound pressure level at workingstations.

Front

5715

Right side

5716

Rear side

5717

Detergent compartment	
Number of compartments	4
Number of programmable liquid detergents	4

Memory cards	Product number/Part number
Kit consisting of 5 empty memory cards:	988 8022-40
ISO6330/1984 (locked card)	988 9162-20
ISO6330/2000 (locked card)	988 9162-22
ISO6330/2012 (locked card)	988 9162-55
ISO6330/2021 (locked card)	988 9162-99
IEC 60456 Ed 4 (locked card)	988 9162-25
IEC 60456 Ed 5 / EN60456: 2016 (locked card)	988 9162-28
IEC 60456 Ed 6.0 2024-11	988 9163-61
EN60456 2005 (locked card)	988 9162-45
EN50640 (locked card)	988 9162-63
* Marks & Spencer (locked card)	988 9162-27
H&M (locked card)	988 9162-47
Woolmark washprograms (locked card)	988 9162-48
ISO3175-4:2003 (locked card)	988 9162-59
ISO3175-4:2018 (locked card)	988 9162-98
ISO 12138:1996 (locked card)	438 9537-69
ISO 10528: 1995 (locked card)	438 9537-70
BS5651: 1989 (locked card)	438 9537-84
HLCC (locked card)	438 9537-73
AS/NZS 2040.1 (locked card)	438 9547-06

Special equipment	
Manual tap for sampling of bath water on right side:	Yes
Connection for temperature recording sensor in rear gable:	Yes
Possibility to connect lint trap:	Yes
Memory card with copy safe programs for M&S and (IEC; ISO):	Yes
Procedure for calibration of the machine according to ISO 9000 rules:	Yes
Possibility to take out test pieces from wash bath during the wash:	Yes
Analog output from load cells to data acquisition systems:	Yes

*   Approval from Marks & Spencer required.

Pre- programmed wash programs

The Wascator FOM71 CLS is pre-programmed for calibration purposes.
The stored programs are:

Place	Name	Content
991	Start-up Programme	Flushes the machine with water. Shall be used if the machine has been idle for more than 2 hours.
992	Level check	Use a ruler inside the inner drum to check filling to levels 100 mm, 130 mm, 160 mm and 200 mm.
993	Weight check	Machine fills water to 18kg and to 26kg.
994	Temperature check	Check of the temperatures at 25°C, 40°C, 60°C and 90°C 2 minutes at each temperature.
995	Extraction	500 RPM 1 min.
996	Extraction	500 RPM 5 min.
997	Extraction	775 RPM 2 min.
998	Extraction	950 RPM 4 min.
999	Extraction	1100 RPM 5 min.