

# Washer extractors

## W4130M, W4180M, W4250M

### 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 (only with Clarus Control)
- Dual drain valves for water re-use (Clarus Control)



Clarus Control

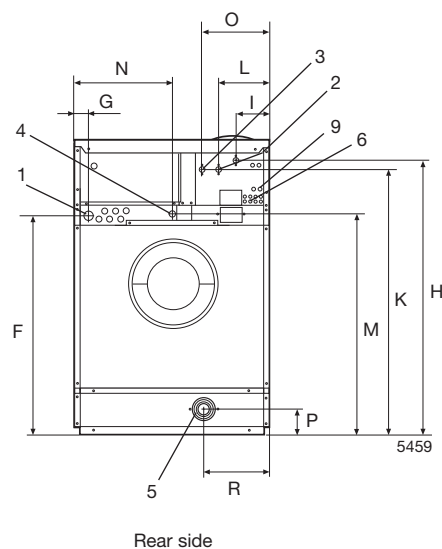
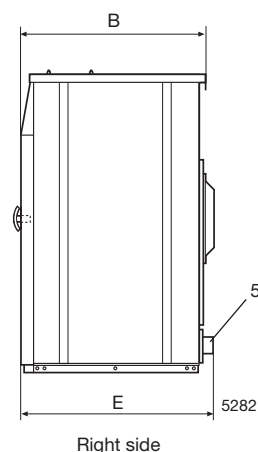
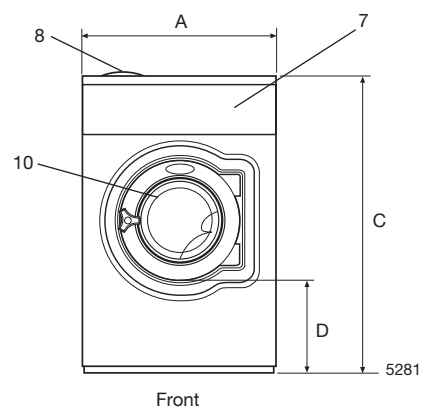
Main specifications				W4130M		W4180M		W4250M	
Max. capacity	kg/lb			14/30		20/40		28/55	
Drum, volume	litre			130		180		250	
diameter	ø mm			595		650		725	
Extraction	rpm			649		619		587	
G-factor				140		140		140	
Heating alternatives, 230/400V	electricity	kW		7.5/9.7		12.7		17.6	
	steam			x		x		x	
	non-heated			x		x		x	
<b>Consumption data "Normal 60°C" * (3G01)</b>				El	Steam	El	Steam	El	Steam
Total time	min			49	**	50	**	48	**
Water consumption (cold/hot)	litre			93/25	93/25	134/35	134/35	183/47	183/47
Energy consumption (motor/heating)*	kWh			0.2/0.6	0.2	0.25/0.9	0.25	0.35/1.2	0.35
Steam consumption	kg			-	0.9	-	1.35	-	1.8

\* 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*			W4130M	W4180M	W4250M
Heating	Voltage				
El.	230V 3AC 50 Hz	kW(A)	9.7(35)	12.7(50)	17.6(50)
	208-240V 3AC 60 Hz	kW(A)	9.3(35)	12.7(50)	17.6(50)
	400-415V 3N AC 50 Hz	kW(A)	9.7(20)	12.7(25)	17.6(35)
Steam or non-heated	230V 1AC 60 Hz	kW(A)	0.8(10)	0.9(10)	1.2(10)
	208-240V 1AC 60 Hz	kW(A)	0.8(10)	0.9(10)	1.2(10)
	230V 1AC 50 Hz	kW(A)	0.8(10)	0.9(10)	1.2(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	60	60	60
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	10.8	10.3	9.8	
Max floor load at extraction	kN	1.7±3.7	2.2±4.7	2.8±5.8	
Sound levels					
Sound pressure level**	dB(A)	64	70	73	
Sound power level (IEC 60704-2-4)	dB(A)	71	76	79	
Heat emission					
% of installed power, max		5	5	5	
Shipping data					
Shipping volume	net, kg	175	228	287	
	crated, kg	196	240	302	
	m <sup>3</sup>	0.91	1.18	1.51	
Accessories					
Steel base frame		x	x	-	
Water re-use tank (Clarus Control)		x	x	x	
Hose kits for water or steam		x	x	x	
Fluff collector		x	-	-	
Dimensions in mm					
A Width		720	750	830	
B Depth		790	880	955	
C Height		1200	1325	1410	
D		365	435	470	
E		825	915	990	
F		910	1035	1120	
G		45	45	45	
H		1115	1245	1330	
I		120	130	160	
K		1095	1225	1290	
L		220	215	245	
M		910	1040	1125	
N		420	325	325	
O		-	295	335	
P		100	100	100	
R		235	225	265	
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 ø395 (W4130M, W4180M), ø435 (W4250M)	



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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