

Washer extractor

W4400H

Features and benefits

- High extraction force for efficient dewatering
- Clarus Control® fully programmable, microprocessor with up to 192 programs
- Large door opening for easy loading/unloading
- Low noise level, for pleasant working environment
- One frequency controlled motor
- Prepared for 9 liquid detergent signals
- Eight liquid supply connections
- Stainless and galvanized steel in all vital parts for high degree of rust protection
- Stainless steel front panels and powder painted side panels
- Electrical or direct steam heating
- SuperBalance™ guarantees the correct extraction force

Main options

- Front-mounted loading hopper (manual)
- Forward tilting
- Backward and forward tilting
- Noise/heat insulation, <70 dB(A)
- Test tap with level tube
- Dual drain valves for water/solvent recovery
- Five-compartment supply injector
- Third water valve
- Integrated Weighing System™ (IWS)
- Oil lubrication of bearing gaskets



Main specifications				W4400H	
Max. capacity		kg/lb		45/100	
Drum, volume		litre/ft ³		400/14.2	
	diameter	ø mm/inch		920 / 36 1/4	
Extraction		rpm		825	
G-factor				350	
Heating alternatives	electricity	kW		36	
	steam			x	
	non-heated			x	
Consumption data "WARM" (7G02)*				Electric heated	Steam heated
Total time (cold+hot/cold)		min		43/-	41/49
Water consumption (cold+hot)		litre/gallon		514+146 /136+39	511+131 / 135+35
Energy consumption (motor/heating)		kWh		1.1/2.1	1.1/-
Steam consumption (cold+hot)		kg/lbs		-	3.6/7.9
Steam consumption (cold)		kg/lbs		-	15.3/33.7

* Water temperature 59°F cold water and 149°F hot water.

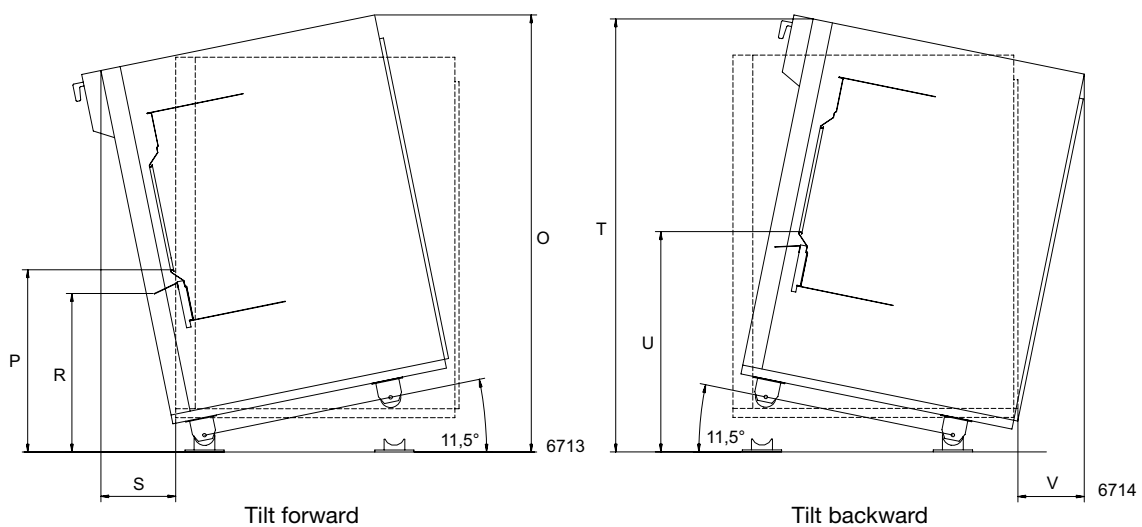
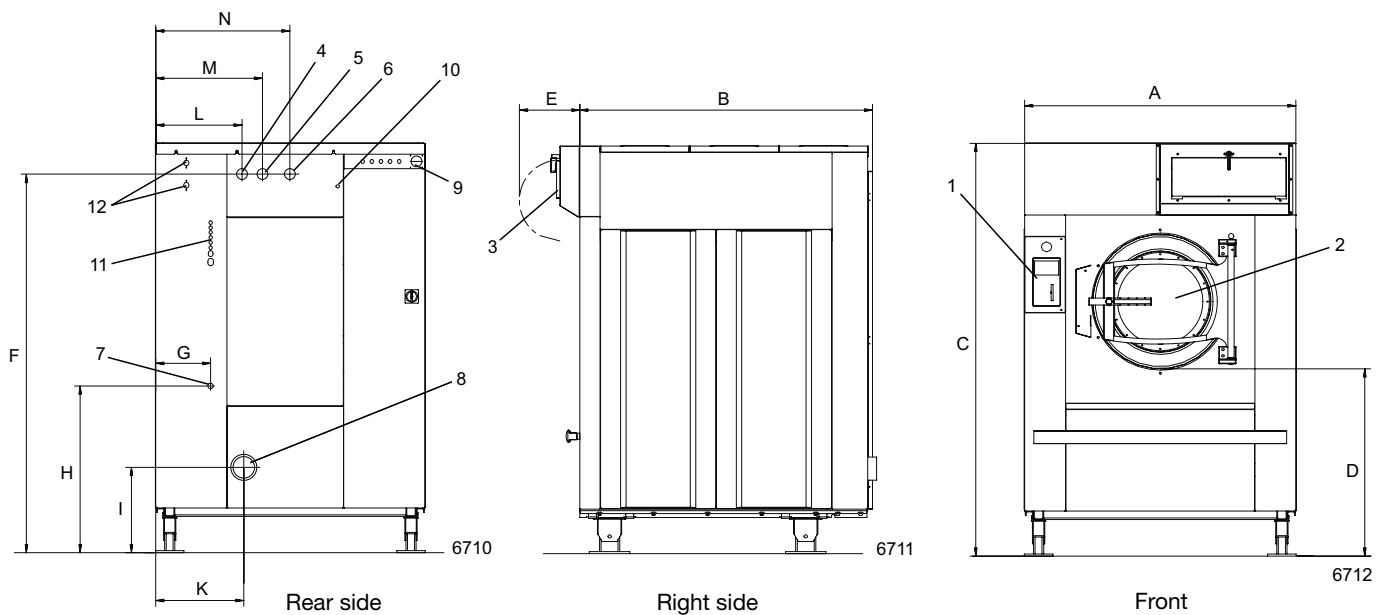
Electrical connections*			W4400H
Heating	Voltage		
El.	208-240V 3AC 60 Hz	kW(A)	38(100)
	440V 3AC 60 Hz	kW(A)	38(63)
Steam or non-heated	208-240V 3AC 60 Hz	kW(A)	5.5(25)
	440V 3AC 60 Hz	kW(A)	5.5(15)
Water, steam and air connection			
Water valves		inch	1 1/4
Rec. water pressure		psi	30-90
Functioning limits for water valve		psi	10-145
Capacity at 300 kPa		l/min / gallon/min	150/37
Drain valve		ø mm/inch	110 / 4 5/6
Draining capacity		l/min / gallon/min	400/100
Steam valve		inch	3/4
Rec. steam pressure		psi	45-90
Functioning limits for steam valve		psi	8-120
Compressed air		inch	1/8
Air pressure		psi	30-60
Air consumption		l/h / gallon/h	20/5
Liquid detergent		inch	1/2
Floor requirements			
Frequency of the dynamic force		Hz	13.8
Max floor load at extraction		kN	15.8 ± 1.2
Sound levels			
Sound level		dB(A)	75
Sound level with insulation		dB(A)	<70
Heat emission			
% of installed power, max			5
Shipping data			
		net, kg/lbs	1200/2646
		crated, kg/lbs	1300/2866
		boxed, kg/lbs	1450/3197
Shipping volume		m ³ /ft ³	5.33/188

* Other voltages available, see installation manual.

- 1 Control panel
- 2 Door opening \varnothing 535 mm / 21 1/16 inch
- 3 Soap supply injector, powder (optional)
- 4 Cold water
- 5 Hot water
- 6 Water connection (optional)
- 7 Steam connection
- 8 Drain
- 9 Electrical power
- 10 Compressed air connection
- 11 External liquid supply 6 pcs \varnothing 10, 1 pc \varnothing 16 and 1 pc \varnothing 20
- 12 Water connection, soap supply injector (optional)

Dimensions in mm/inch

A	Width	1325 / 52 3/16
B	Depth	1450 / 57 1/16
C	Height std feet	2015 / 79 5/16
C	Height low feet	1890 / 74 7/16
D		910 / 35 13/16
E		300 / 11 13/16
F		1865 / 73 7/16
G		270 / 10 5/8
H		820 / 32 5/16
I		420 / 16 9/16
K		435 / 17 1/8
L		425 / 16 3/4
M		525 / 20 11/16
N		660 / 26
O		2235 / 88
P		950 / 37 3/8
R		830 / 32 11/16
S		370 / 14 9/16
T		2205 / 86 13/16
U		1140 / 44 7/8
V		345 / 13 9/16



Options

- Front-mounted hopper - for easy loading from e.g sling-bag system (manual).
- Backward and forward tilting device - backward tilting can be used together with hopper or another type of loading system.
- Forward tilting device - for easy unloading with reversing drum into trolley.
- Noise/heat insulation - gives less airborne sound than 70 dB(A).
- Test tap with level tube - gives possibilities to take samples from the wash liquid.
- Water/solvent recovery drain- two drain valves to be able to recover water from the rinses and reuse it in the wash.
- Five-compartment supply injector, five-compartments for powder detergent which can be programmed.
- Water inlet via pump-extra water inlet for water supply controlled by a pump from a recovery system.
- Third water valve-electrically controlled water valve for e.g hard water.
- Connection details for steam.
- Connection details for 2 water.
- Connection details for 3 water.
- Connection details pump inlet.
- Integrated Weighing System (IWS) – shows the weight of the load on the program display.
- Combined steam and electrical heated - gives possibilities to choose between electrical or steam heating by using a switch.
- Oil lubrication of bearing gaskets with warning for empty container

Accessory

- Kit for connection to CMIS (Certus Management Information Systems) network. CMIS provides vital statistics, error codes, maintenance intervals, process receipt, etc.



CMIS can be fitted to washer extractors with Clarus Control, tumble dryers with Selecta Control and ironers with electronic control system.
All you need to access and view the statistical feedback is a normal PC.