

lagoon® Advanced Care

WH6-27LAC and TD6-30LAC

The ideal replacement for any dry-cleaning operation



Features and benefits

**Keep customers coming back**

Outstanding results for garments of every type thanks to specialized detergents and dedicated programs

**Delicate on the delicates**

Gentle on fine textiles and wools labelled dry-clean only, as less mechanical action. Woolmark-approved

**Rapid return on investment**

With a better loading factor, less prespotting, easier finishing and faster process times

**Sustainable and eco-friendly**

Water-based cleaning with none of the disadvantages of PERC, which can be dangerous to staff

**Dry to dry in 1 hour**

Smart chemicals and processes mean garments are fully dried in the dryer - no hang-dry

Main specifications				WH6-27LAC
Rated capacity, Laundry	filling factor 1:9	kg		27
Wool	filling factor 1:13	kg		19
Silk	filling factor 1:18	kg		14
Drum, volume		litre		240
diameter		ø mm		795
Extraction		rpm		1005
G-factor				450
Heating alternative	electricity	kW		23.0
Consumption data "lagoon"				
Total time	Wool High	min		25
	Wool Medium	min		25
	Silk	min		18
	Synth. mix Medium	min		26
	Synth. mix Low	min		21
	Curtains	min		25
Water consumption (cold+hot)				
	Wool High	litre		137
	Wool Medium	litre		112
	Silk	litre		98
	Synth. mix Medium	litre		119
	Synth. mix Low	litre		98
	Curtains	litre		141
Energy consumption (motor/heating/water)				
	Wool High	kWh		0.7/1.25
	Wool Medium	kWh		0.7/1.05
	Silk	kWh		0.6/0.7
	Synth. mix Medium	kWh		0.6/1.4
	Synth. mix Low	kWh		0.6/1.15
	Curtains	kWh		0.7/1.0
Consumption data ECO 60 1:9*				
Total time		min		65
Water consumption (cold+hot)		litre		161+10
Energy consumption (motor/heating/hot water)		kWh		0.55/3.2/0.55
Residual moisture		%		45

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

Main specifications				TD6-30LAC		
Rated capacity, Drying	filling factor 1:18	kg		30.5		
Drum, volume		litre		550		
diameter		ø mm		913		
Heating alternative	electricity	kW		32.0		
	gas	BTU/h (kW)		11 2700 (33.0)		
	steam at 600-700 kPa			36.0		
Consumption data "lagoon"				El	Gas	Steam
Total time	Wool High*	min		22	23	22
	Wool Medium*	min		20	21	20
	Synthetic mix**	min		13	14	13
Consumption data***						
Total time		min		23	24	23
Energy consumption		kWh		12.19	13.27	15.24
Evaporation		g/min		543	512	550
Energy/Water evaporation		kWh/l		0.98	1.06	1.22

* 1:30 load 100% wool load at 30% initial moisture dried to 0%.

** 1:40 load 100% synthetic load at 20% initial moisture dried to 0%.

*** At rated capacity 100% cotton load at 50% initial moisture dried to 0%.

Electrical connections					
Heating alternative	Main voltage	Hz	Heating power kW	Total power kW	Recommended fuse A
Electric heated	220-230V 3 ~	50/60	19.1	20.2	63
	220-240V 3 ~	50/60	19.8/23.0	20.9/24.1	63/63
	380-400V 3N ~	50/60	19.1	20.2	32
	380-415V 3N ~	50/60	19.8/23.0	20.6/24.1	32/50
Steam or Non heated	220-415V 1/1N ~	50/60	*	1.3	10

* Total power and recommended fuse does not depend on the heating power in those cases.

** Prepared for 3 ~.

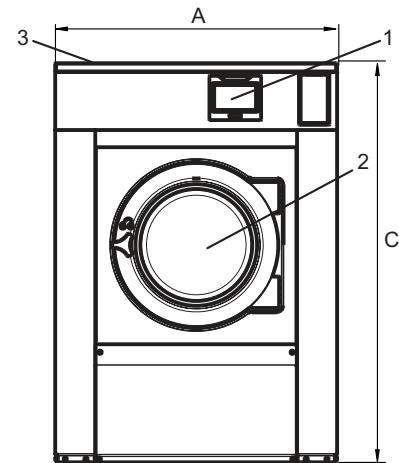
Water and steam connection		WH6-27LAC
Water valves	DN	20
Water pressure	kPa	200-600
Capacity at 300 kPa	l/min	60
Drain valve	ø mm	75
Draining capacity	l/min	170
Steam valve	DN	15
Steam pressure	kPa	300-600
Liquid detergent supplies		5
Floor requirements		
Frequency of the dynamic force	Hz	16.8
Floor load at max extraction	kN	5.2 ± 1.0
Sound levels		
Sound power/pressure level at extraction*	dB(A)	83/68
Sound power/pressure level at wash*	dB(A)	64/48
Heat emission		
% of installed power, max		5
Shipping data**		
Weight	net, kg	425
Shipping volume	m ³	1.82
Accessories		
Steel base		x
Hose kits for water or steam		x
Fluff collector		x
Dimensions in mm		
A Width		1020
B Depth		990
C Height		1460
D1		490
D2		555
E		1555
F		1165
G		135
H		1365
I		400
J		300
K		1325
L		1245
M		335
N		100
O		360
P		340
Q		215

1 Display	7 Cold/Hot water or
2 Door opening ø 435 mm	Re-used water with network pressure (option)
3 Detergent box	8 Re-used water from tank/pump or
4 Cold/Hot water	Liquid detergent supply
(Detergent box)	9 Drain
5 Cold water	10 Liquid detergent supply
6 Hot water	11 Electrical connection
	12 Steam connection

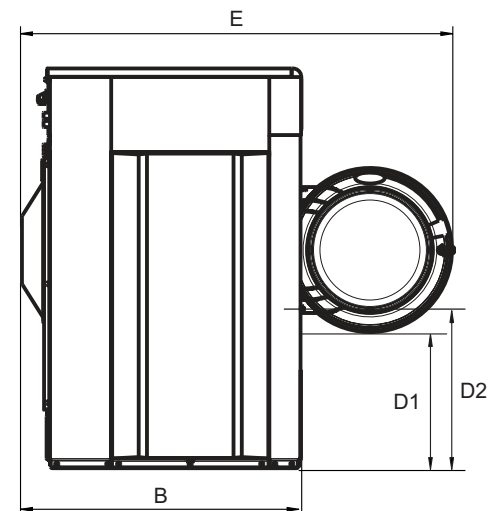
* Sound power levels measured according to ISO 60704.

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

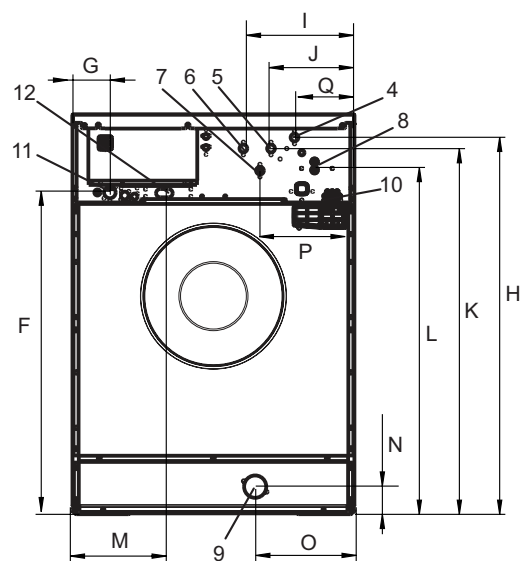
Maximum working pressure for Australia is 800 kPa.



Front



Side view



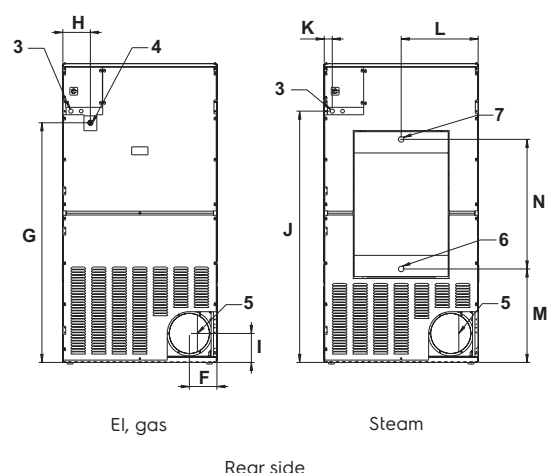
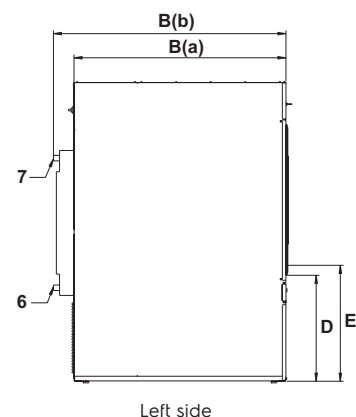
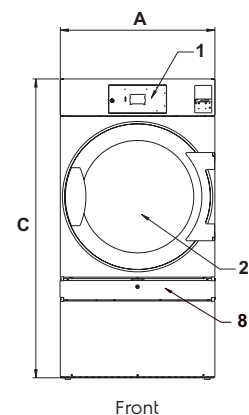
Rear

Electrical connections

Heating alternative	Main voltage	Hz	Heating power kW	Total power kW	Recommended fuse A
Electric heated	220-230V 3 ~	50/60	18.0/24.0/32.0	19.5/25.5/33.5	50/80/100
	240V 3 ~	50/60	18.0/24.0/32.0	19.5/25.5/33.5	50/63/100
	380-415V 3N/3 ~	50/60	18.0/24.0/32.0	19.5/25.5/33.5	35/50/50
	440V 3 ~	60	24.0/32.0	26.7/34.7	35/50
	480V 3 ~	60	24.0/32.0	26.7/34.7	35/50
Gas heated/ Steam heated	220-240V 1/1N ~	50/60	-	1.8	10
	220-480V 3/3N ~	50/60	-	1.5	10

* Total power and recommended fuse does not depend on the heating power in those cases.

Steam, gas and air connections			TD6-30LAC
Steam	ISO 7/1-R		1"
Steam pressure		kPa	100-1000
Steam consumption		kg/h	65
Condensate	ISO 7/1-R		1"
Gas	NG/PG	ISO 7/1-R	1/2"
Gas pressure	Natural gas	Pa	2000
		mbar	20
		Pa	2800-3700
	Propane	mbar	28-37
		Pa	2800-3700
		Pa	28-37
Air outlet		Ø mm	200
Maximum air flow:			
	Electric 50 Hz / 60 Hz	m³/h	940 / 940
	Gas 50 Hz / 60 Hz	m³/h	940 / 940
	Steam 50 Hz / 60 Hz	m³/h	1080 / 1080
Maximum static back pressure:			
	Electric 50 Hz / 60 Hz	Pa	480 / 950
	Gas 50 Hz / 60 Hz	Pa	420 / 900
	Steam 50 Hz / 60 Hz	Pa	1300 / 1550
Sound levels			
Sound power/pressure level at drying*			
		dB(A)	74/57
Heat emission			
% of installed power, max			15
Shipping data**			
Shipping volume	net, kg		280
	crated, m³		2.80
Dimensions in mm			
A	Width		960
B(a)	Depth		1365
B(b)	Depth		1445
C	Height		1855
D			660
E			720
F			170
G			1490
H			200
I			180
J			1560
K			50
L			480
M			580
N			805
1 Control panel 2 Door opening Ø 810 mm 3 Electrical connection 4 Gas connection 5 Exhaust connection 6 Condensate connection 7 Steam connection 8 Lint screen			



* Sound power levels measured according to ISO 60704.

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



Jetsave PNCs	Description
988930001	Complete kit with 2 pumps, 550 ml/min
988930002	Complete kit with 3 pumps, 550 ml/min
988930003	Complete kit with 4 pumps, 550 ml/min
988930004	Complete kit with 5 pumps, 550 ml/min

Acessories PNCs	Description
988916611	Single low level probe
432930071	Extension POWER cable (6m)
432930072	Extension DATA cable (6m)
988930031	ID interface for 3rd part party peristaltic pumps or option for Low level alarm
432930065	Joining kit

Power supply
From the washer extractor: 100-240V~ 50/60 Hz / 0.1A (Max)

Water supply
Min. 1.8 bar Max. 6 bar

Electrolux Professional name and description	Packaging 20 litres	Packaging 10 litres
W01 - lagoon Sensitive Detergent Professional detergent for natural/animal fiber	432731085	432731086
W03 - lagoon Sensitive Conditioner Professional conditioner for natural/animal fiber	432731087	432731088
W02 - lagoon Delicate Detergent Professional delicate universal detergent	432731089	432731090

For further information including spotting agents, please refer to the lagoon detergent Product Data Sheet



BASE; closed front and sides


Suitable for models: WH6-27LAC
 988918971
 Height: 230 mm
 Material: Galvanised, silver grey painted steel with stainless steel front panel.

BASE; "floating foundation"


Suitable for models: WH6-27LAC
 988918972
 Material: Galvanised, silver grey painted steel with stainless steel front panel.
 Feature: A "floating foundation" filled with concrete eliminates noise to other parts of the building.