

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
Max. 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		∅ 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		
Max. capacity	Drying	filling factor 1:18	kg	30.5		
	Drum,	volume	litre	550		
		diameter		∅ 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 (motor/heating/hot water)			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%.

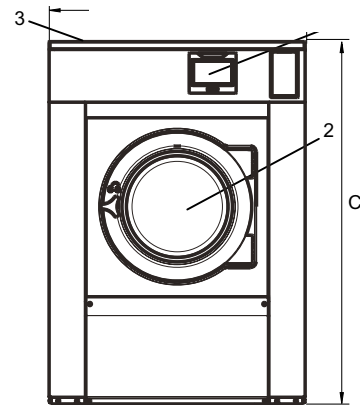
Electrical connections					
Heating alternative	Main voltage		Heating power kW	Total power kW	Recommended fuse A
		Hz			
Electric heated	220-230V 3 ~	50/60	19.1	19.8	63
	220-240V 3 ~	50/60	19.8/23.0	20.5/23.7	63/63
	380-400V 3N/3 ~	50/60	19.1	19.8	35
	380-415V 3N/3 ~	50/60	19.8/23.0	20.5/23.7	35/35
	440V 3 ~	50/60	21.0/23.0	21.7/23.7	35/35
480V 3 ~	60	22.8/23.0	23.5/23.7	35/35	
Steam or Non heated	220-415V 1/3N ~	50/60	-	2.6	16
	380-480V 3 ~	50/60	-	2.6	10

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

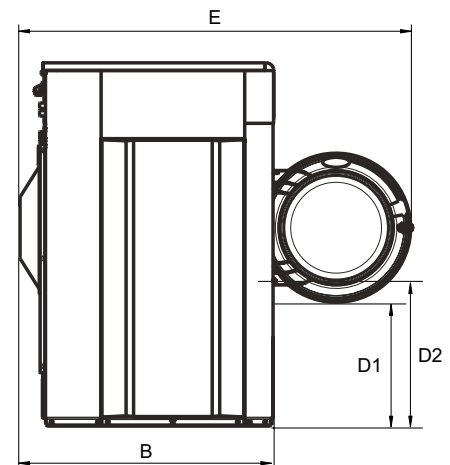
Water and steam connection		WH6-27LAC
Water valves	DN	20
Water pressure	kPa	200-600
Capacity at 300 kPa	l/min	60
Drain valve	ø mm	75
Draining capacity	l/min	170
Steam valve	DN	15
Steam pressure	kPa	300-600
Liquid detergent supplies		5
Floor requirements		
Frequency of the dynamic force	Hz	16.8
Floor 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 Re-used water
2	Door opening ø 435 mm	8 Drain valve
3	Detergent box	9 Liquid detergent supply
4	Cold water	10 Electrical connection
5	Hot water	11 Steam connection
6	Cold/Hot water	

* Sound power levels measured according to ISO 60704.

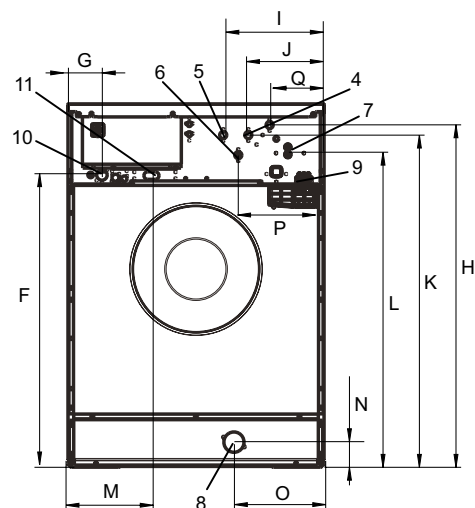
** Average data. Crated weight/shipping volume depends on configuration. Please contact logistics for exact measures.



Front



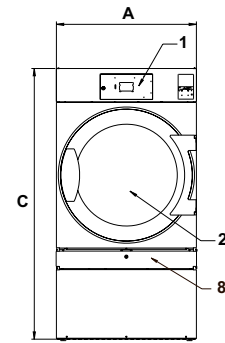
Side view



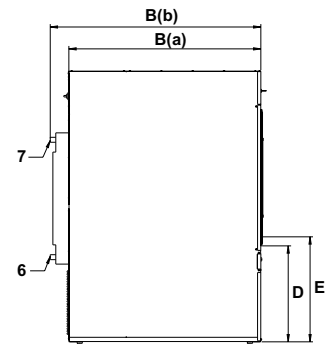
Rear

Electrical connections					
Heating alternative	Main voltage		Heating power kW	Total power kW	Recommended fuse A
		Hz			
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	14.5/19.0	35/50
Gas heated/ Steam heated	480V 3 ~	60	24.0/32.0	14.5/19.0	35/50
	220-240V 1/1N ~	50/60	-	1.8	10
	220-480V 3/3N ~	50/60	-	1.5	10

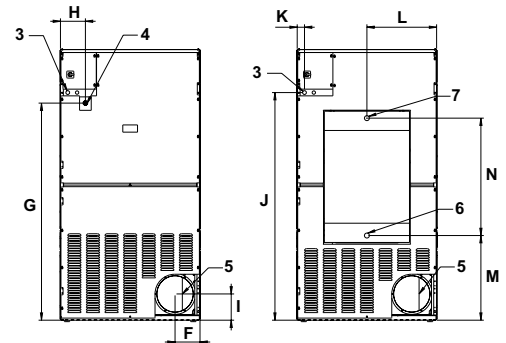
* Total power and recommended fuse does not depend on the heating power in those cases.



Front



Left side



EI, gas

Steam

Rear side

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
	Propane	mbar	20
		Pa	2800-3700
		mbar	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

Accessories PNCs	Description
988916611	Single low level probe
432930071	Extension POWER cable (6m)
432930072	Extension DATA cable (6m)
988980031	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 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
988918871
Height: 230 mm
Material: Galvanised, silver grey painted steel with stainless steel front panel.

BASE; "floating foundation"



Suitable for models: WH6-27LAC
988918872
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.



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