

# lagoon® Advanced Care

**WH6-20LAC and TD6-20LAC**

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                          |                     | WH6-20LAC |              |
|--|---------------------|-----------|--------------|
| Rated capacity, Laundry                      | filling factor 1:9  | kg        | 20           |
| Wool   | filling factor 1:15 | kg        | 14           |
| Silk   | filling factor 1:18 | kg        | 10           |
| Drum, volume                                 |                     | litre     | 180          |
| diameter                                     |                     | Ø mm      | 725          |
| Extraction                                   |                     | rpm       | 1055         |
| G-factor                                     |                     |           | 450          |
| Heating alternative                          | electricity         | kW        | 18.0         |
| Consumption data "lagoon"                    |                     |           |              |
| Total time                                   | Wool High           | min       | 22           |
|  | Wool Medium         | min       | 23           |
|  | Silk                | min       | 16           |
|  | Synth. mix Medium   | min       | 20           |
|  | Synth. mix Low      | min       | 17           |
|  | Curtains            | min       | 20           |
| Water consumption (cold+hot)                 |                     |           |              |
|  | Wool High           | litre     | 110          |
|  | Wool Medium         | litre     | 106          |
|  | Silk                | litre     | 80           |
|  | Synth. mix Medium   | litre     | 85           |
|  | Synth. mix Low      | litre     | 80           |
|  | Curtains            | litre     | 95           |
| Energy consumption (motor/heating/water)     |                     |           |              |
|  | Wool High           | kWh       | 0.15/1.0     |
|  | Wool Medium         | kWh       | 0.15/1.0     |
|  | Silk                | kWh       | 0.05/0.6     |
|  | Synth. mix Medium   | kWh       | 0.15/1.0     |
|  | Synth. mix Low      | kWh       | 0.05/0.95    |
|  | Curtains            | kWh       | 0.05/0.7     |
| Consumption data ECO 60 1:9*                 |                     |           |              |
| Total time                                   |                     | min       | 65           |
| Water consumption (cold+hot)                 |                     | litre     | 113+10       |
| Energy consumption (motor/heating/hot water) |                     | kWh       | 0.5/2.2/0.55 |
| Residual moisture                            |                     | %         | 45           |

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

| Main specifications                          |                     | TD6-20LAC  |      |       |           |
|--|---------------------|------------|------|-------|-----------|
| Rated capacity, Drying                       | filling factor 1:18 | kg         |      |       | 20        |
| Drum, volume                                 |                     | litre      |      |       | 360       |
| diameter                                     |                     | Ø mm       |      |       | 755       |
| Heating alternative                          | electricity         | kW         |      |       | 18.0      |
|  | gas                 | BTU/h (kW) |      |       | 21.0      |
|  | steam at 700 kPa    |            |      |       | 25.0      |
|  | heat pump           | kW         |      |       | 6.5       |
| Consumption data "lagoon"                    |                     | El         | Gas  | Steam | Heat pump |
| Total time                                   | Wool High*          | min        | 26   | 25    | 22        |
|  | Wool Medium*        | min        | 23   | 22    | 20        |
|  | Synthetic mix**     | min        | 31   | 30    | 27        |
| Consumption data***                          |                     |            |      |       |           |
| Total time                                   |                     | min        | 27   | 26    | 23        |
| Energy consumption (motor/heating/hot water) |                     | kWh        | 8.2  | 9.3   | 9.6       |
| Evaporation                                  |                     | g/min      | 302  | 321   | 352       |
| Energy/Water evaporation                     |                     | kWh/l      | 1.00 | 1.13  | 1.17      |

\* 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        | 220-240V 3 ~      | 50/60            | 18.0           | 18.5               | 50 |
|                        | 380-415V 3N/3 ~   | 50/60            | 18.0           | 18.5               | 35 |
|                        | 440V 3 ~          | 60               | 18.0           | 18.5               | 25 |
|                        | 480V 3 ~          | 60               | 18.0           | 18.5               | 25 |
| Steam or Non heated    | 208-240V 1/N ~    | 50/60            | *              | 2.5                | 10 |
|                        | 380-480V 1 ~ (**) | 50/60            | *              | 2.5                | 10 |

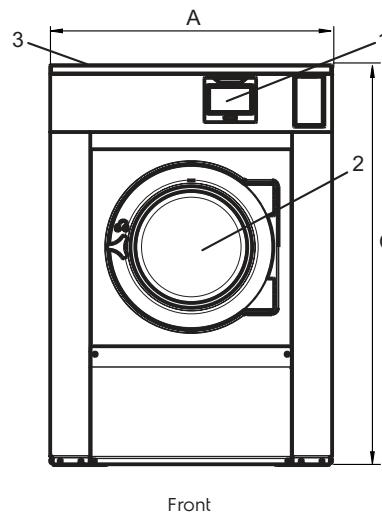
\* Total power and recommended fuse does not depend on the heating power in those cases.

\*\* Prepared for 3 ~.

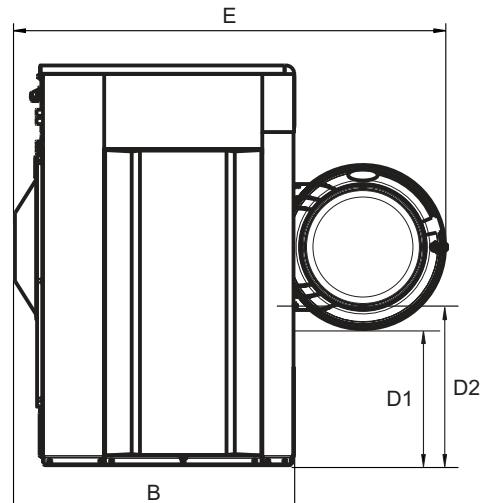
| Water and steam connection                |  |           | WH6-20LAC |
|---|--|-----------|-----------|
| Water valves                              | DN   | 20        |           |
| Water pressure                            | kPa  | 200-600   |           |
| Capacity at 300 kPa                       | l/min  | 30        |           |
| 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   | 17.6      |           |
| Floor load at max extraction              | kN   | 4.2 ± 1.0 |           |
| Sound levels                              |  |           |           |
| Sound power/pressure level at extraction* | dB(A)  | 84/68     |           |
| Sound power/pressure level at wash*       | dB(A)  | 66/50     |           |
| Heat emission                             |  |           |           |
| % of installed power, max                 |  | 5         |           |
| Shipping data**                           |  |           |           |
| Weight                                    | net, kg                                      | 354       |           |
| Shipping volume                           | m³   | 1.66      |           |
| Accessories                               |  |           |           |
| Steel base                                |  | x         |           |
| Hose kits for water or steam              |  | x         |           |
| Fluff collector                           |  | x         |           |
| Dimensions in mm                          |  |           |           |
| A Width                                   |  | 970       |           |
| B Depth                                   |  | 945       |           |
| C Height                                  |  | 1410      |           |
| D1  |  | 460       |           |
| D2  |  | 525       |           |
| E   |  | 1510      |           |
| F   |  | 1130      |           |
| G   |  | 150       |           |
| H   |  | 1330      |           |
| I   |  | 400       |           |
| J   |  | 300       |           |
| K   |  | 1290      |           |
| L   |  | 1210      |           |
| M   |  | 350       |           |
| N   |  | 100       |           |
| O   |  | 335       |           |
| 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 (Detergent box)          | Liquid detergent supply                      |           |           |
| 5 Cold water                              | 9 Drain                                      |           |           |
| 6 Hot water                               | 10 Liquid detergent supply                   |           |           |
|   | 11 Electrical connection                     |           |           |
|   | 12 Steam connection                          |           |           |

\* Sound power levels measured according to ISO 60704.

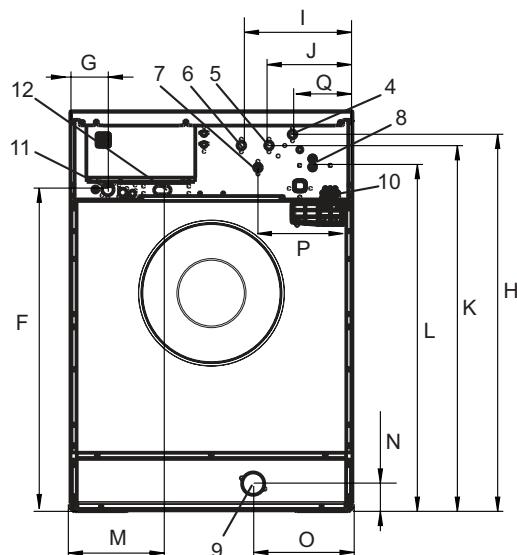
\*\* Average data. Crated weight/shipping volume depends on configuration. Please contact logistics for exact measures.



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           | 19.0               | 60 |
|                             | 240V 3~      | 50/60            | 18.0           | 19.0               | 50 |
|                             | 380-415V 3N~ | 50/60            | 18.0           | 19.0               | 32 |
|                             | 440V 3~      | 50/60            | 18.0           | 19.0               | 32 |
|                             | 480V 3~      | 60               | 18.0           | 19.0               | 25 |
| Gas heated/<br>Steam heated | 220-240V 3~  | 50/60            | *              | 1.0                | 10 |
|                             | 380-415V 3N~ | 50/60            | *              | 1.0                | 10 |
|                             | 440V 3~      | 50/60            | *              | 1.0                | 10 |
|                             | 480V 3~      | 60               | *              | 1.0                | 10 |

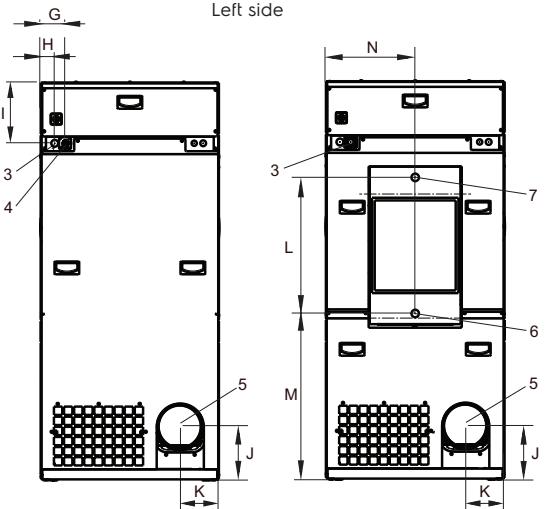
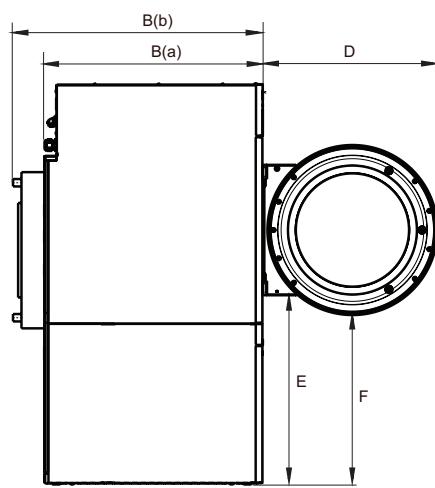
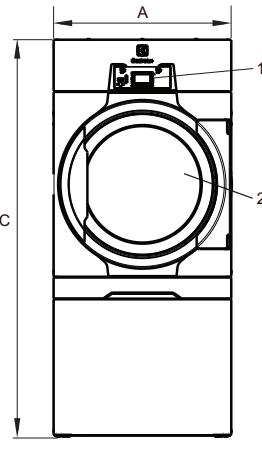
\* Total power and recommended fuse does not depend on the heating power in those cases.

| Steam, gas and air connections                                       |             | TD6-20LAC |
|--|-------------|-----------|
| Steam  | ISO 7/1-R   | 1"        |
| Steam pressure   | kPa         | 100-1000  |
| Steam consumption  | kg/h        | 35        |
| Condensate   | ISO 7/1-R   | 1"        |
| Gas  | ISO 7/1-R   | 1/2"      |
| Gas pressure   |             |           |
|  | Natural gas | 2000      |
|  |             | 20        |
|  | Propane     | 2800-5000 |
|  |             | 28-50     |
| Air outlet   | Pa          |           |
| Evacuated air,   | mbar        |           |
| el 18.0 kW   | Ø mm        | 200       |
| gas 21.0 kW  | m³/h        | 525       |
| steam 25.0 kW  |             | 600       |
| Pressure drop  |             | 690       |
|  | Max. Pa     | 650       |
|  |             | 650       |
|  |             | 650       |
| Sound levels   |             |           |
| Sound power/pressure level at drying*                                | dB(A)       | 72/56     |
| Heat emission  |             |           |
| % of installed power, max  |             | 15        |
| Shipping data**  |             |           |
| Weight   | kg          | 243       |
| Shipping volume  | crated, m³  | 2.07      |
| Dimensions in mm   |             |           |
| A Width  |             | 790       |
| B(a) Depth, el and gas   |             | 1200      |
| B(b) Depth, steam  |             | 1340      |
| C Height   |             | 1770      |
| D  |             | 775       |
| E  |             | 835       |
| F  |             | 750       |
| G  |             | 110       |
| H  |             | 60        |
| I  |             | 270       |
| J  |             | 240       |
| K  |             | 175       |
| L  |             | 605       |
| M  |             | 740       |
| N  |             | 395       |
| 1 Operating panel  |             |           |
| 2 Door opening Ø 580 mm  |             |           |
| 3 Electrical connection on gas heated machines                       |             |           |
| 4 Gas connection/Electrical connection on electrical heated machines |             |           |
| 5 Exhaust connection   |             |           |
| 6 Condensate connection  |             |           |
| 7 Steam connection   |             |           |

Front and side panels in silver grey and dark blue (color samples can be ordered on part number 472998313).

\* Sound power levels measured according to ISO 60704.

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



Rear side

El, gas

Steam

**Electrical connections**

| Heating alternative | Main voltage          | Heating power kW | Total power kW | Recommended fuse A |
|---------------------|-----------------------|------------------|----------------|--------------------|
|                     | Hz                    |                  |                |                    |
| Heat pump           | 220-240V 1/IN ~ 50/60 | *                | 5.5            | 25                 |
|                     | 380-415V 3/3N ~ 50/60 | *                | 6.5            | 10                 |

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

| Sound levels                          |                        | TD6-20LAC |
|---------------------------------------|------------------------|-----------|
| Sound power/pressure level at drying* |                        |           |
| dB(A)                                 |                        | 72/56     |
| Heat emission                         |                        |           |
| % of installed power, max             |                        | 15        |
| Shipping data**                       |                        |           |
| Weight                                | kg                     | 308       |
| Shipping volume                       | crated, m <sup>3</sup> | 2.15      |
| Dimensions in mm                      |                        |           |
| A(a) Width                            |                        | 790       |
| B(a) Depth                            |                        | 1200      |
| B(b) Depth                            |                        | 1230      |
| C Height                              |                        | 1770      |
| D                                     |                        | 775       |
| E                                     |                        | 835       |
| F                                     |                        | 750       |
| G                                     |                        | 110       |
| H                                     |                        | 270       |
| I                                     |                        | 125       |
| J                                     |                        | 260       |

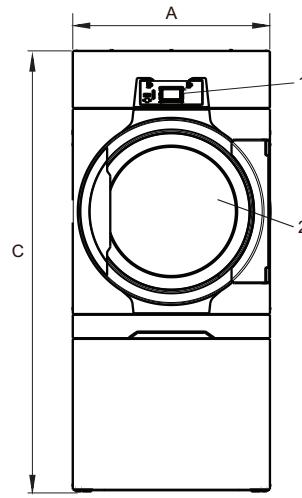
**1** Operating panel  
**2** Door opening ø 580 mm  
**3** Electrical connection  
**4** Drain for condense water

Front and side panels in silver grey and dark blue (color samples can be ordered on part number 472998313).

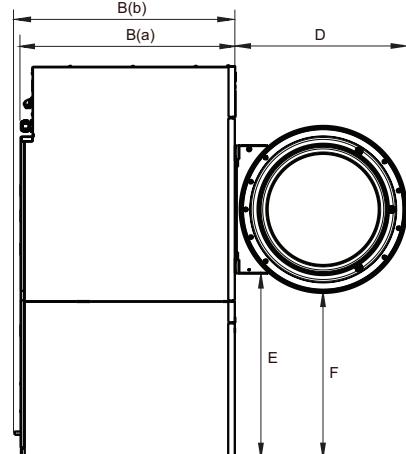
\* Sound power levels measured according to ISO 60704.

\*\* Average data. Crated weight/shipping volume depends on configuration.

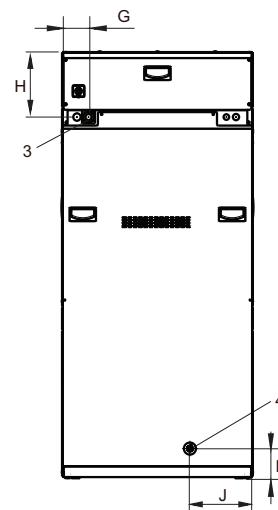
Please contact logistics for exact measures.



Front



Left side



Rear side



| 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)   |
| 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<br>Max. 6 bar |

| Electrolux Professional name and description  | Packaging 20 litres | Packaging 10 litres |
|---|---------------------|---------------------|
| W01 - lagoon Sensitive Detergent<br>Professional detergent for natural/animal fiber     | 432731085           | 432731086           |
| W03 - lagoon Sensitive Conditioner<br>Professional conditioner for natural/animal fiber | 432731087           | 432731088           |
| W02 - lagoon Delicate Detergent<br>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: WH6-20LAC  
988918871

Height: 230 mm  
Material: Galvanised, silver grey painted steel  
with stainless steel front panel.

**BASE; "floating foundation"**

Suitable for models: WH6-20LAC  
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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