![Electrolux Professional logo]

Environmental declaration for Laundry Solutions

Solutions produced by us

Electrolux Professional works broadly with environmental issues, by providing innovative solutions to bring the highest possible savings on electricity, gas, water and detergent without compromising on quality.

Laundry equipment manufactured by Electrolux Professional consists of the following product groups: Washers, Barrier Washers, Tumble Dryers, Finishing cabinets and Ironers

The products in each product group are constructed according to a specific modular principle, which means that the different products are designed and manufactured according to the same principles, regardless of size and capacity. Manufacturing takes place in three different factories - in Ljungby (Sweden), Troyes (France) and Rayong (Thailand) - using typo - identical manufacturing technology.

Therefore, all products can be included in the same environmental declaration - only the amount of material varies within each product group depending on the products sizes.
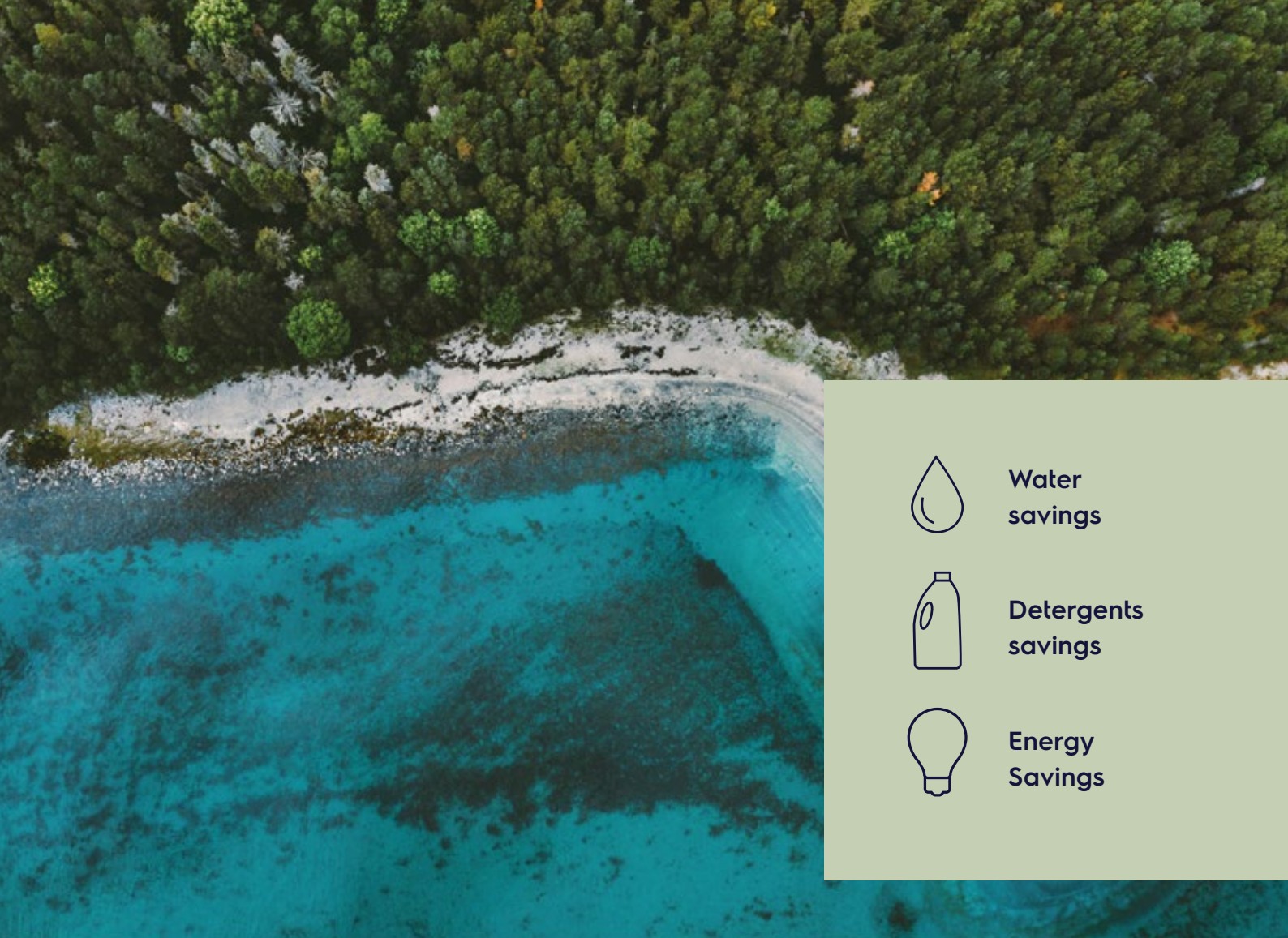

Washers and Barrier Washers

The **washing machines** have control systems that allow free programming of water levels and temperature. The washing machine range launched in 2020 makes it possible to reduce water consumption to 6 liters/kg of laundry and 0.16 kWh/kg while maintaining continued good washing and rinsing results. There are also water recycling options that reduce water consumption.

Tumble Dryers

The **dryers** have Moisture Balance (MB) as an option. MB measures the moisture content of the laundry and stops drying at the correct level. There is no risk of over-drying and wasting energy.
The heat pump is available in the 135, 190, 255 and 360-liter dryers and this is the most efficient heating option, allowing for a reduction in energy consumption of over 60% compared to regular vented models.
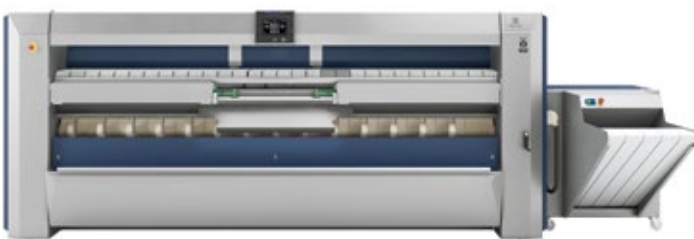
Water savings

Detergents savings

Energy Savings

Ironers

Gas-heated ironers use a unique heating system with a ceramic burner, ensuring low energy consumption. The ironers have **Dubixium** (patented cylinder) as an option for gas and electrical heated. It helps to optimize the energy used to keep the cylinder hot. The new FFS Vibe ironers have an auto pause mode, to avoid waste of energy when machine unused.

Finishing Cabinet

The FC48 finishing cabinet is equipped with an air recycling system. Once the drying cycle has passed, and the moisture from the clothes has evacuated, the evacuation valve closes to allow the finishing cycle to take place in a closed circuit. This avoids evacuating dry hot air.

What's behind each product

The environmental impact of laundry solutions production is mainly driven by energy-intensive manufacturing and transportation. Disposal of old machines adds to electronic waste challenges. Solutions include using recycled materials, improving energy efficiency, and promoting responsible disposal practices.

Manufacturing

Manufacturing takes place in factories that are certified to the **quality standard ISO 9001** and **environmental management standard ISO 14001**. It takes place under strictly controlled conditions with minimum environmental impact. All painting and surface treatment is carried out in a powder coating facility that is **solvent-free** and has a fully enclosed rinse water system. All paints are free of formaldehyde. Emissions to soil, water and air are well below the limits set by official authorities. **All waste from the manufacturing process is managed by a contracted recycling company.**

Materials

No materials based on cadmium, mercury or their salts are used, nor the brominated flame retardants PBB and PBDE; for electrical and fire safety reasons other halogenated flame retardants are used in some plastic components to meet the requirements of the Low Voltage Directive.

Environmental impact of the products

The products are designed to last for 30.000 cycles. This means that the period of use accounts for the largest share of the product's environmental impact. Energy and water consumption and noise levels are indicated in each model's product data sheet.

Recycling

Representative life cycle assessments show that products are recyclable to over 90 %. Recycling companies handle the disposal of products at the supplier's cost. They break down, sort, and separate the materials, then send them back for new material production. To facilitate recycling, all plastic components weighing more than 50 grams are labeled in accordance with the requirements of ISO 1043.

Packaging

Consists of wooden pallets, cardboard and LLDPE plastic film. The packaging meets the German recycling requirements of DIN 55405 parts 2 and 3. Electrolux Professional AB is affiliated with the REPA register.

Distribution

The products are delivered by trucks or by sea freight. Forwarding companies with certified environmental management system.

Safety and CE marking

The products are CE marked and comply with the requirements of:
- Low Voltage Directive 2006/95/EC
- EMC Directive on electromagnetic compatibility 2004/108/EC
- RoHS Directive 2011/65/EC
- Machinery Directive 2006/42/EC
- Directive on appliances burning gaseous fuels 2009/142/EC

All products are additionally S-labeled.

Other technical data

Other technical data can be found in the respective model's product data sheet.

Our solutions

Washers

Line 6000

ClarusVibe:
WH6-7CV, WH6-8CV, WH6-11CV, WH6-14CV, WH6-20CV, WH6-27CV, WH6-33CV.

Compass Pro, high spin:
WH6-6, WH6-7, WH6-8, WH6-11, WH6-14, WH6-20, WH6-27, WH6-33.

Compass Pro, normal and super spin:
WN6-8/WS6-8, WN6-9/WS6-9, WN6-11/WS6-11, WN6-14/WS6-14, WN6-20/WS6-20, WN6-28/WS6-28, WN6-35/WS6-35.

Generation 4000

Clarus Control
W4400H, W4600H, W4850H, W41100H.

Including lagoon Advanced Care solutions

Barrier Washers

Line 6000

Pocket
WB6-13, WB6-18

Evolution
WB6-20, WB6-27, WB6-35

Hyvolution
WB6-50

Pullman
WB6-70, WB6-90, WB6-110

Dryers

Line 6000
TD6-6, TD6-7, TD6-10, TD6-10HP, TD6-14, TD6-16, TD6-17S, TD6-20, TD6-24S, TD6-30, TD6-37, TD6-45, TD6-45SLD, TD6-60, TD6-60SLD.

Generation 4000
T4900CR, T41200CR.

including lagoon Advanced Care solutions

Finishing Cabinet

FC48

Ironers

Line 6000

IV64821FFS, IV64825FFS, IV64832FFS

IC64821, IC64825, IC64832
IC64821LF, IC64825LF, IC64832LF
IC64821FLF, IC64825FLF, IC64832FLF
IC64821R, IC64825R, IC64832R
IC64821RLF, IC64825RLF, IC64832RLF
IC64821FRLF, IC64825FRLF, IC64832FRLF

IC63316, IC63320

IB62310, IB62314, IB62316

The table shows the amount of each material type as a percentage of the product weight. Painted surfaces are powder coated with high molecular weight epoxy polyester paint.

Material	High Spin Washers	Normal Spin Washers	Tumble Dryers	Barrier Washers	Ironers
Stainless steel	19	22	8	50	12.8
Hot-dip galvanized sheet metal	-	-	-	-	-
Metal	50	27	70	5	-
Steel	6	12	5	20	56
Cast iron	11	17	4	2	-
Aluminum	7	9	2	2	1
Zinc	0,3	0,3	-	2	-
Brass	<0,1	<0,1	<0,1	2	3
Copper	1	3,7	4	3	5
EPDM rubber	1,3	1,4	-	2	-
Nitrile rubber	<0,1	<0,1	0,5	1	2
Electronics	1,9	3,3	3	8	5
Glass	1	1,3	1,3	1	-
Ceramic materials	-	-	-	-	10
Plastics (polyester, pp, abs, amide)	1,1	1,9	2	2	5
PVC (in electrical cables)	0,1	0,2	0,2	0,2	0,2
Wood	-	-	-	-	-
Grease	<0,1	<0,1	<0,1	<0,1	<0,1

Solutions produced by subcontractors

Some of the products are manufactured by subcontractors of Electrolux Professional in accordance with requirement specifications established by us.

In some cases, the these subcontractors' manufacturing processes meet the requirements of quality standard ISO 9001 and environmental management standard ISO 14001.Even if the subcontractor is verified, Electrolux Professional conducts special audits to ensure compliance with their environmental policy and to monitor both quality and environmental efforts. The manufacturing by subcontractors takes place under strictly controlled conditions **with the least possible environmental impact.**

Our emissions into soil, water, and air consistently remain significantly below the limit values established by official authorities, underscoring our commitment to environmental responsibility.

Materials

Our products do not incorporate materials containing cadmium, lead, mercury, or their salts. Additionally, they do not contain brominated flame retardants like PBB and PBDE. We strictly exclude substances listed on the Swedish Chemicals Agency's (kemI) restriction or OBS list from our products.

Packaging

Consists of wooden pallets, cardboard and plastic foil. The packaging meets the German recycling requirements in DIN 55404 part 2 and 3. Electrolux Professional is connected to the REPA register.

Environmental impact of products

When a product is used, it affects the environment through the consumption of electricity. Consumption data is given in the respective product's product data sheet.

Distribution

The products are delivered by truck. Forwarding company with certified environmental management system is employed.

Drying cabinets
DC6-4, DC6-8,
DC6-14 and DC6-15
Supplier:
Nimoverken AB,
Hova, Sweden

Drying cabinet with heat pump
DC6-4HP, DC6-8HP,
DC6-10, DC6-14HP
Supplier:
Nimoverken AB,
Hova, Sweden

Detergents
Low environmental impact ensured thanks to reduced water pollution, waste production and energy consumption

The table displays the proportion of each material type relative to the product weight. The painted surfaces are coated with a high molecular weight epoxy polyester paint in powder form.

Material	Drying cabinet vented				Drying cabinet with heat pump					
	DC6-4	DC6-8	DC6-14	DC6-15	DC6-4HP	DC6-4HPh	DC6-8HP_q	DC6-8HP_m	DC6-10HP	DC6-14HP
Steel	90,18	75,12	75,24	85,38	90,69	87,52	70,52	72,27	73,46	82,06
Natural rubber	-	-	0,02	-	-	-	-	-	-	0,01
Aluminum	-	7,34	8,77	-	1,07	1,43	6,32	6,21	6,04	9,62
Stainless Steel	0,2	0,42	0,09	4,59	0,57	0,59	0,85	3,29	0,62	1,69
Monel	-	-	-	-	-	-	-	-	-	-
Masonite + Wood	-	-	-	-	-	-	-	-	-	-
Copper	-	0,88	-	0,23	1,95	1,58	1,99	2,66	1,73	1,88
Silicone Rubber	-	0,02	-	-	0,01	0,01	0,05	0,05	0,02	0,03
PVC	0,74	0,14	0,05	-	0,47	0,47	0,46	0,09	0,5	0,05
PE + POM	0,57	0,10	0,09	0,16	0,48	0,54	0,17	0,3	0,28	0,06
PA 6 + PA66	0,11	1,95	0,15	1,59	1,56	1,93	1,47	1,35	1,91	1,16
PP + PO	0,29	0,05	-	0,06	2,95	2,82	0,04	0,03	2,43	0,05
TPE	-	-	-	-	0,03	0,06	0,04	0,01	0,05	0,01
PC	-	-	-	0,05	0,01	0,01	0,01	0,01	0,02	0,01
ABS	0,02	-	0,35	-	0,01	0,03	-	-	0,01	0,26
Cable (Copper)	0,58	0,14	0,18	0,2	0,59	0,61	0,16	0,07	0,45	0,07
PET	0,02	0,01	-	0,01	-	-	-	-	-	-
Bitumen	-	-	-	-	-	-	-	-	-	-
Brass	-	-	-	0,01	-	-	-	-	0,01	0,11
Akryl + Syntet	-	-	-	-	-	-	-	-	-	-
PU	-	-	-	-	-	-	-	-	-	-
PMMA	-	-	-	-	-	-	-	-	-	-
PS	0,59	0,88	0,31	-	0,38	0,68	1,01	0,91	0,38	0,35
XPS	-	-	-	-	-	-	-	-	-	-
Refrigerant	-	-	-	-	0,36	0,3	0,4	0,37	0,38	0,47
Cardboard + Paper	-	-	-	-	-	-	0,03	-	-	0,03
NdFeB	0,44	0,01	0,01	0,01	0,2	0,2	0,01	0,01	0,17	0,01
Circuit Board	0,18	0,1	0,12	0,17	0,23	0,23	0,1	0,1	0,19	0,07
Fabrics	-	-	-	-	-	-	-	-	-	-
Electronics	-	0,3	2,78	0,72	0,27	0,3	0,2	0,2	0,25	0,13

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Excellence
with the environment in mind

▸ The majority of Electrolux Professional Group factories are third-party certified
according to ISO (International Organization for Standardization) standards ISO
9001 and ISO 14001, with some sites also certified ISO 5001 and ISO 45001.*

▸ We are focused on developing innovative and sustainable solutions designed for
low water, energy and detergent consumptions and reduced emissions.

▸ Our products are tailored to human comfort based on ergonomic principles and
according to the user's natural workflow, achieving maximum efficiency with
minimum effort. We also perform third-party ergonomic certifications on certain
products (ERGOCERT).

▸ The selection of materials and technologies for our products complies with
REACH (Registration, Evaluation, Authorization and Restriction of Chemicals)
and RoHS directives (Restriction of Hazardous Substances 2011/65/EU) for the
protection of human health and the environment.

*for more details, refer to annual Sustainability Report at: electroluxprofessionalgroup.com