Wall Units

KLIMATBYRÅN

Environmental Product Declaration

In accordance with **ISO 14025:2006** and **EN 15804:2012+A2:2019**

Owner of the declaration
KB Klimatbyrån AB

Product name
Wall Units

Declared unit
1 pc.

Product category /PCR
CEN Standard EN 15804:2012+A2:2019
serves as core PCR NPCR 030:2021
Part B for ventilation components

Program holder and publisher
The Norwegian EPD foundation

Declaration number
NEPD-14807-15504

Registration Number
NEPD-14807-15504

Issue date
30.01.2026

Valid to
30.01.2031

The Norwegian EPD Foundation

epd-norway
Global Program Operator

Contents

General information

Product
Wall Units (represented by OLR–100/125/160)

Program holder
The Norwegian EPD Foundation
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Declaration Number
NEPD-14807-15504

This declaration is based on Product Category Rules
CEN Standard EN 15804:2012+A2:2019 serves as core
PCR NPCR 030:2021 Part B for ventilation components

Statements
The owner of the declaration shall be liable for the underlying information and evidence. EPD Norway shall not be liable with respect to manufacturer, life cycle assessment data and evidences.

Declared unit
1 pc. **OLR–100/125/160**

Declared unit with option
A1-A3, A4 A5, C1, C2, C3, C4, D

Functional unit
Not relevant. Use phase not included.

Verification
Independent verification of the declaration and data, according to ISO14025:2010

☐ Internal ☒ External

Owner of the declaration
KB Klimatbyrån AB
Travbanegatan 6, 211 41 Malmö, Sweden
E-mail: info@klimatbyran.se

Manufacturer
Airvent Légtechnikai Zrt
6000 Kecskemét, Belsőnyír 150, Hungary
E-mail: avkecskemet@airvent.hu

Place of production
Airvent Légtechnikai Zrt
6000 Kecskemét, Belsőnyír 150, Hungary

Management system
ISO 9001, ISO 14001 and ISO 50001

Organisation No.
556478-8428

Issue date
30.01.2025

Valid to
30.01.2031

Year of study
2025

Comparability
EPD's of construction products may not be comparable if they are not in compliance with EN 15804 and if the comparison is not made within a construction context.

The EPD has been worked out by
Kaspars Zudrags, BM Certification SIA

Silvia Vilčeková, SILCERT Ltd
Independent verifier approved by EPD Norway

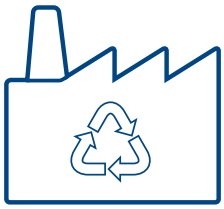
Approved

Manager of EPD Norway

About Klimatbyrån

We develop and supply ventilation products and demand-controlled air management systems, prioritizing air quality, performance and energy efficiency.

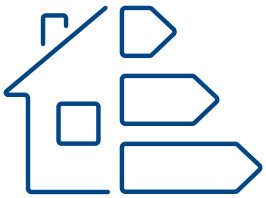
Product development
– 40 years of knowledge enables us to create indoor climate solutions, built to last and to meet future conditions.



Manufacturing
– Continuous improvement governs our production by prioritizing recyclability and sustainable material choices.

Operations
– Environmental awareness

is an integral part of our operations, from warehousing and sales to final delivery.



Solutions
– The core of our solutions is to provide a healthy and energy-saving indoor climate for all facility types and user needs.

Product development

Klimatbyrån governs over four decades of accumulated knowledge within indoor climate. Our heritage drives our commitment to provide functional and sustainable air technology solutions. Our average products feature a life cycle of 25 years. This affects our choices and strategies as they have an impact on both current and future generations. Continuous improvement and adaptation of our solutions is a must to meet our customers' needs and expectations in the best possible way.

Manufacturing

A key focus in both our product development and manufacturing plant is the increased use of sustainable methods, materials and processes without compromising on quality. By prioritizing environmentally friendly resources and transitioning to new components made from recycled raw materials, we strive to ensure that our production aims for reduced environmental impact and increased recyclability and reusability.

Operations

At Klimatbyrån, energy efficiency is at the core of all our operations. From transport and sales to warehouse management and delivery practices. All our branches are powered with renewable energy from Swedish hydro power and we offset all CO_2 emissions generated from our business travel and domestic transportation. In addition, all transports from our EU based production plant are made by intermodal transport, with over 70 % of the land route being made by rail. With over a hundred trucks shipped annually, this significantly reduces our carbon footprint across Europe.

Solutions

Our goal is to supply durable, high-quality ventilation products, designed and manufactured with care, that improves indoor comfort and air quality of the building. Demand-controlled systems, that supply and regulate air distribution, have become a central key in the indoor-climate industry. Our solutions manage and secure a healthy indoor climate and improved energy efficiency, taking both facility operations, occupant needs and seasonal conditions into account.

Klimatbyrån Wall Units

Reference product

OLR-100/125/160

Product description

Our wall units – including diffusers, grilles, transfer units, and valves - are primarily manufactured from galvanized steel and are available in various sizes and configurations, tailored to different applications. All products share the common feature of wall installation. The production methods and materials used across this product family are largely standardized and thus have similar environmental impacts.

This Environmental Product Declaration (EPD) presents the average environmental performance of our wall unit range, as summarized in the section *Included products and multiplication factors*. The Life Cycle Assessment (LCA) is based on product-specific data for the representative model OLR, an air transfer unit designed to facilitate air movement between adjacent spaces while minimizing noise and maintaining aesthetic integration. The OLR's design and production characteristics make it a suitable reference for assessing the environmental performance of the entire wall unit product family.

OLR-100/125/160 – Product specification

Materials	kg	%
Steel	0.898	86.6
Coating	0.071	6.8
PET	0.069	6.6
TOTAL	**1.04**	
Packaging – corrugated board	0.03	

Description and function

Air transfer units play an important role in optimizing indoor comfort by facilitating the movement of air between neighboring spaces, such as residential, hotel, or office rooms, while ensuring a good system balance, low resistance, and sound levels. OLR, is an optimal solution designed to address these needs.

The OLR's emphasis on aesthetics, functionality, noise reduction, and ease of installation ensures effective integration into a variety of ventilation systems, making it a valuable component in achieving an optimal indoor environment. The OLR comes standard with two identical pressed front plates in a circular design, featuring sound absorbing insulation within each plate.

The diffusers are designed with a slim profile, ensuring that each set seamlessly blends into diverse architectural settings. Supplied as standard with bayonet-type mounting frames, each diffuser is fastened on both sides of a wall dividing two rooms, positioned across from each other just above the doors, allowing air to move freely through the opening in the wall and between spaces

Applications

The product is designed for air transfer between spaces, so the product is delivered in pairs including mounting frames

Standard sizes

OLR-125/160/200, OLR-160XL

Airflow range

24-45 l/s (86 - 162 m^3/h), pressure drop: 15 Pa.

Materials

The front plate and bayonette-type frame are made of galvanised steel, powder coated in standard RAL9003 color. Cleanable surface coated insulation from 100% recycled, non allergenic, hydrophobic PET material.

Market

Europe

Reference service life

> 25 years

LCA: Calculation rules

Declared unit

One air transfer unit – OLR-100/125/160 (mass 1.04 kg).
Conversion factor from mass to units – 0.96.

Cut-off criteria

All major raw materials and all the essential energy is included. The production processes for raw materials and energy flows with very small amounts (less than 1%) are not included. These cut-off criteria do not apply for hazardous materials and substances.

Allocation

Allocation is done following EN 15804+A2:2019 guidelines, with incoming energy, water, and waste generated on-site being evenly distributed among all products through mass allocation. The environmental impacts of producing recycled materials are attributed to the primary product in which they are utilized. Additionally, the recycling process and transportation of materials are taken into account in this analysis.

Data quality

Specific data for the product composition are provided by our manufacturer, Airvent Légtechnikai Zrt. They represent the production of the declared product and were collected for EPD development to year 2025. 05. 01. – 2025. 11. 01.

Materials	Source	Data quality	Year
Steel	ecoinvent 3.11	Database	2024
Coating	ecoinvent 3.11	Database	2024
PET	ecoinvent 3.11	Database	2024
Corrugated board	ecoinvent 3.11	Database	2024

System boundary

Cradle to gate with options, modules C1–C4, module D (A1–A3 + A4 + A5 + C + D).

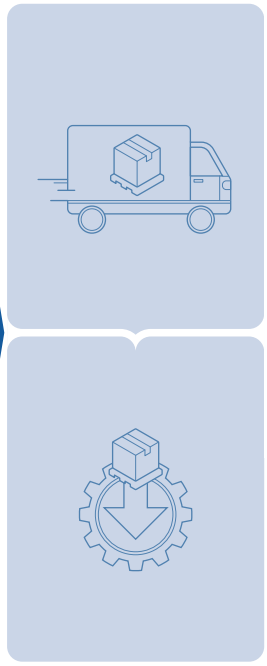
A1-A3

Product stage

A1 Production of input materials for the product
A2 Transport of raw materials
A3 Manufacturing of the product

A4–A5

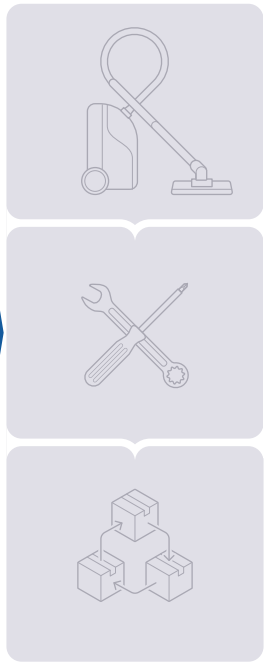
Construction stage



A4 Transport to market
A5 Installation

B1–B7

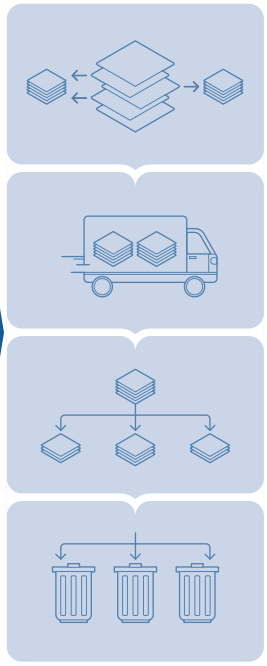
Usage stage



B2 Maintenance
B3 Repair
B4 Replacement

C1–C4

End of life



C1 Deconstruction/demolition
C2 Transport to waste processing
C3 Waste processing
C4 Disposal

D

Beyond system boundaries

D Environmental impact of outgoing streams

LCA: Scenarios and additional technical information

The following information describe the scenarios in the different modules of the EPD.

Energy sources of the electricity used in manufacturing processes of module A3 are modeled using the mix of electricity, the average 0,390 kg CO^2 eq./kWh. A4: Transport scenarios include EURO 6 truck transport for 307km, sea ferry 158km, train 747km. A5. The energy consumption of A5 and C1 model is considered negligible and module A5 includes only packaging utilization. C1: No loads in C1 have been generated as manual dismantling. C2: Transport to waste treatment site after dismantling using EURO 6 truck average (100 km assumed). C3: Assumed as 90% of an air transfer unit is recycled. C4: Assumed as 10% of air transfer unit materials goes to landfill. D: Modeled as 90% of an air transfer unit is recycled.

Transport from production place to assembly/user (A4)

Type	Capacity utilisation (incl. return) *[%]*	Type of vehicle	Distance KM	Fuel/Energy consumption	Value *[l/t]*
Truck	36.7	lorry 16-32 metric ton, EURO6	307	0.043	13.20
Railway	50	rail	747	0.002	1.49
Boat	50	ship	158	0.030	4.74

Assembly (A5)

	Unit	Value
Packaging cardboard, recycled – 89%	kg	0.025
Packaging cardboard, landfill – 5.5%	m^3	0.001
Packaging cardboard, incineration – 5.5%	kWh	0.001

End of Life (C1, C3, C4)

	Unit	Value
Treatment of waste reinforcement steel, recycling	kg	0.76
Treatment of waste plastic, municipal incineration	kg	0.07
Treatment of waste polyethylene, for recycling, unsorted, sorting	kg	0.03
Treatment of waste polyethylene, sanitary landfill	kg	0.04
Treatment of scrap steel, landfill	kg	0.13

Transport to waste processing (C2)

Type	Capacity utilisation (incl. return) *[%]*	Type of vehicle	Distance KM	Fuel/Energy consumption	Value *[l/t]*
Truck	36.7	Lorry 16-32 metric ton, EURO5	100	0.043	13.20

Benefits and loads beyond the system boundaries (D)

	Unit	Value
Substitution of steel production	kg	0.81
Substitution of electricity production	MJ	0.35
Substitution of thermal energy production	MJ	0.48

LCA: Results

System boundaries

X=included, MID=module not declared, MIR=module not relevant

Product stage			Assembly stage		Use stage							End of life stage				Beyond system boundaries
Raw materials	Transport	Manufacturing	Transport	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse-Recovery-Recycling-potential
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
X	X	X	X	X	MID	MID	MID	MID	MID	MID	MID	X	X	X	X	X

Core environmental impact indicators

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP-total	kg CO_2 -eq.	3.95E+00	1.25E-01	4.29E-02	0.00E+00	2.34E-02	2.35E-01	5.33E-03	-1.45E+00
GWP-fossil	kg CO_2 -eq.	3.90E+00	1.25E-01	8.56E-04	0.00E+00	2.34E-02	2.33E-01	5.33E-03	-1.49E+00
GWP-biogenic	kg CO_2 -eq.	4.37E-02	4.40E-05	4.20E-02	0.00E+00	5.30E-06	-2.61E-03	2.06E-06	3.37E-02
GWP-LULUC	kg CO_2 -eq.	3.76E-03	7.56E-05	5.01E-07	0.00E+00	1.05E-05	2.39E-05	7.15E-07	-7.65E-05
ODP	kg CFC11-eq.	4.45E-08	2.02E-09	6.60E-12	0.00E+00	3.45E-10	2.65E-10	3.31E-11	-1.15E-08
AP	mol H^+ eq.	1.69E-02	1.10E-03	3.36E-06	0.00E+00	7.97E-05	2.40E-04	8.60E-06	-6.02E-03
EP-freshwater	kg N eq.	2.22E-03	1.23E-05	2.02E-07	0.00E+00	1.82E-06	1.25E-05	1.14E-07	-1.02E-03
EP-marine	kg N eq.	3.83E-03	3.29E-04	2.24E-06	0.00E+00	2.62E-05	6.34E-05	1.20E-05	-1.30E-03
EP-terrestrial	mol N eq.	3.68E-02	3.61E-03	9.56E-06	0.00E+00	2.85E-04	6.81E-04	3.59E-05	-1.41E-02
POCP	kg NMVOC eq.	1.29E-02	1.13E-03	3.72E-06	0.00E+00	1.18E-04	1.96E-04	1.39E-05	-5.22E-03
ADP-minerals & metals*	kg Sb eq.	3.11E-05	3.34E-07	6.62E-09	0.00E+00	6.52E-08	1.23E-06	2.00E-09	-1.52E-05
ADP-fossil*	MJ	5.37E+01	1.66E+00	6.06E-03	0.00E+00	3.39E-01	2.66E-01	2.92E-02	-1.50E+01
WDP*	m^3	1.35E+00	1.09E-02	2.88E-04	0.00E+00	1.68E-03	9.92E-03	1.28E-03	-3.56E-01

GWP-total: Global Warming Potential; GWP-fossil: Global Warming Potential fossil fuels; GWP-biogenic: Global Warming Potential biogenic; GWP-LULUC: Global Warming Potential land use and land use change; ODP: Depletion potential of the stratospheric ozone layer; AP: Acidification potential, Accumulated Exceedance; EP-freshwater: Eutrophication potential, fraction of nutrients reaching freshwater end compartment; See "additional requirements" for indicator given as PO4 eq. EP-marine: Eutrophication potential, fraction of nutrients reaching freshwater end compartment; EP-terrestial: Eutrophication potential, Accumulated Exceedance; POCP: Formation potential of tropospheric ozone; ADP-M&M: Abiotic depletion potential for non-fossil resources (minerals and metals); ADP-fossil: Abiotic depletion potential for fossil resources; WDP: Water deprivation potential, deprivation weighted water consumption.

Reading example: 9,0 E-03 = $9{,}0*10^{-3}$ = 0,009

Resource use

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
RPEE	MJ	6.08E+00	4.38E-02	-4.56E-01	0.00E+00	4.65E-03	4.43E-02	3.09E-04	-1.83E+00
RPEM	MJ	6.89E-01	0.00E+00	-3.59E-01	0.00E+00	0.00E+00	-2.97E-01	-3.30E-02	-5.00E-03
TPE	MJ	6.77E+00	4.38E-02	-8.15E-01	0.00E+00	4.65E-03	-2.53E-01	-3.27E-02	-1.84E+00
NRPE	MJ	5.06E+01	1.66E+00	7.23E-03	0.00E+00	3.39E-01	2.98E+00	3.31E-01	-1.74E+01
NRPM	MJ	3.02E+00	0.00E+00	-1.17E-03	0.00E+00	0.00E+00	-2.72E+00	-3.02E-01	2.39E+00
TRPE	MJ	5.37E+01	1.66E+00	6.06E-03	0.00E+00	3.39E-01	2.66E-01	2.92E-02	-1.50E+01
SM	kg	2.93E-01	1.26E-03	1.51E-05	0.00E+00	1.44E-04	3.97E-04	8.13E-06	8.32E-01
RSF	MJ	3.69E-03	8.07E-06	8.26E-08	0.00E+00	1.83E-06	1.42E-05	1.67E-07	-1.22E-04
NRSF	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
W	m^3	2.63E-02	2.80E-04	-1.43E-06	0.00E+00	5.02E-05	1.49E-04	-1.20E-04	-6.08E-03

RPEE Renewable primary energy resources used as energy carrier; RPEM Renewable primary energy resources used as raw materials; TPE Total use of renewable primary energy resources; NRPE Non renewable primary energy resources used as energy carrier; NRPM Non renewable primary energy resources used as materials; TRPE Total use of non renewable primary energy resources; SM Use of secondary materials; RSF Use of renewable secondary fuels; NRSF Use of non renewable secondary fuels; W Use of net fresh water

End of life – waste

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
HW	kg	1.13E+00	4.15E-03	9.64E-05	0.00E+00	5.75E-04	3.50E-03	3.79E-05	-4.45E-01
NHW	kg	2.29E+01	7.48E-02	7.82E-03	0.00E+00	1.06E-02	1.40E-01	1.01E-01	-6.72E+00
RW	kg	1.23E-04	7.02E-07	1.55E-08	0.00E+00	7.23E-08	5.40E-07	4.74E-09	1.74E-06

HW Hazardous waste disposed; NHW Non hazardous waste disposed; RW Radioactive waste disposed

End of life – output flow

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
CR	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
MR	kg	0.00E+00	0.00E+00	4.12E-02	0.00E+00	0.00E+00	7.94E-01	0.00E+00	0.00E+00
MER	kg	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	6.90E-02	0.00E+00	0.00E+00
EEE	MJ	0.00E+00	0.00E+00	4.49E-02	0.00E+00	0.00E+00	4.70E-01	0.00E+00	0.00E+00
ETE	MJ	0.00E+00	0.00E+00	6.12E-02	0.00E+00	0.00E+00	6.40E-01	0.00E+00	0.00E+00

CR Components for reuse; MR Materials for recycling; MER Materials for energy recovery; EEE Exported electric energy; ETE Exported thermal energy

Information describing the biogenic carbon content at the factory gate

Biogenic carbon content	Unit	Value
Biogenic carbon content in product	kg C	0
Biogenic carbon content in the accompanying packaging	kg C	0,01

Additional requirements

Greenhouse gas emission from the use of electricity in the manufacturing phase

National production mix from import, low voltage (production of transmission lines, in addition to direct emissions and losses in grid) of applied electricity for the manufacturing process (A3).

Electricity mix	Data source	Amount	Unit
Electricity production, hard coal	ecoinvent 3.10	1.09	g CO_2 eq./kWh
Electricity production, nuclear, pressure water reactor	ecoinvent 3.10	0.007	g CO_2 eq./kWh
Electricity production, photovoltaic	ecoinvent 3.10	0.0798	g CO_2 eq./kWh
Electricity production, hydro, run-of-river	ecoinvent 3.10	0.0043	g CO_2 eq./kWh

Additional environmental impact indicators required in NPCR Part A for construction products

In order to increase the transparency of biogenic carbon contribution to climate impact, the indicator GWP-IOBC is required as it declares climate impacts calculated according to the principle of instantanious oxidation. GWP-IOBC is also reffered to as GWP-GHG in context to Swedish public procurement legislation.

Indicator	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP-IOBC	kg CO^2 eq.	3.91E+00	1.25E-01	8.56E-04	0.00E+00	2.34E-02	2.33E-01	5.33E-03	-1.49E+00

GWP-IOBC Global warming potential calculated according to the principle of instantanious oxidation.

Additional impact category indicators

Parameter	Unit	A1-A3	A4	A5	C1	C2	C3	C4	D
PM	disease incidence	2.47E-07	1.08E-08	4.54E-11	0.00E+00	2.34E-09	3.96E-09	1.98E-10	-1.00E-07
IRP[1]	kBq U-235eq	4.79E-01	2.86E-03	6.05E-05	0.00E+00	2.96E-04	2.12E-03	1.94E-05	7.03E-03
ETP-fw[2]	CTUe	1.48E+02	2.48E-01	1.30E-01	0.00E+00	4.80E-02	3.28E+00	3.91E-02	-6.16E+01
HTP-c[2]	CTUh	3.64E-09	2.50E-11	5.73E-13	0.00E+00	3.86E-12	3.07E-11	2.90E-13	-2.23E-10
HTP-nc[2]	CTUh	3.82E-08	8.83E-10	2.59E-11	0.00E+00	2.20E-10	1.42E-09	2.72E-11	-1.00E-08
SQP[2]	dimensionless	2.06E+01	8.82E-01	6.16E-03	0.00E+00	3.42E-01	4.80E-01	6.10E-02	-7.00E+00

PM: Particulate matter emissions; IRP: Ionising radiation, human health; ETP-fw: Ecotoxicity (freshwater); ETP-c: Human toxicity, cancer effects; HTP-nc: Human toxicity, non-cancer effects; SQP: Land use related impacts / soil quality

[1] This impact category deals mainly with the eventual impact of low dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionizing radiation from the soil, from radon and from some construction materials is also not measured by this indicator.

[2] The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator.

Dangerous substances

The product contains no substances given by the REACH Candidate list or the Norwegian priority list

Indoor environment

The product meets the requirements for low emissions.

Included products and multiplication factors

The multiplication factors in the table below can be used to scale LCA data for another product or size*).

Name	Factor
AC420 / AC450	
AC420 / AC450 400x50	0,66
AC420 / AC450 200x100	0,66
AC420 / AC450 300x100	0,86
AC420 / AC450 400x100	1,08
AC420 / AC450 500x100	1,31
AC420 / AC450 600x100	1,51
AC420 / AC450 300x150	1,08
AC420 / AC450 400x150	1,51
AC420 / AC450 500x150	1,74
AC420 / AC450 600x150	2,17
AC420 / AC450 400x200	1,74
AC420 / AC450 500x200	2,17
AC420 / AC450 600x200	2,60
AC440	
AC440 400x50	0,29
AC440 200x100	0,29
AC440 300x100	0,38
AC440 400x100	0,48
AC440 500x100	0,58
AC440 600x100	0,67
AC440 300x150	0,48
AC440 400x150	0,67
AC440 500x150	0,77
AC440 600x150	0,96
AC440 400x200	0,77
AC440 500x200	0,96
AC440 600x200	1,15
BRD	
BRD 100 (400x150)	0,63
BRD 125 (500x150)	0,77
BRD 160 (550x200)	0,96
BRD 200 (550x300)	1,25
BRD 250 (550x380)	1,44
BRG	
BRG 100 (400x150)	0,87
BRG 125 (500x150)	1,06
BRG 160 (550x200)	1,39
BRG 200 (550x300)	1,88
DH	
DH 200x100	0,24
DH 300x100	0,35
DH 400x100	0,44
DH 500x100	0,55
DH 600x100	0,65
DH 300x150	0,47
DH 400x150	0,62
DH 500x150	0,76
DH 600x150	0,90
DH 400x200	0,79
DH 500x200	0,97
DH 600x200	1,16

Name	Factor
DR	
DR 200x100	0,16
DR 300x100	0,22
DR 400x100	0,29
DR 500x100	0,35
DR 600x100	0,41
DR 300x150	0,30
DR 400x150	0,38
DR 500x150	0,46
DR 600x150	0,55
DR 400x200	0,48
DR 500x200	0,58
DR 600x200	0,68
DRO	
DRO 080	0,29
DRO 100	0,36
DRO 125	0,58
DRO 160	0,55
DUG	
DUG 200x50	1,35
DUG 300x50	1,54
DUG 400x50	1,73
DUG 500x50	1,92
DUS	
DUS 100	0,46
E5	
E5 200x100	0,15
E5 200x150	0,20
E5 200x200	0,25
E5 300x100	0,22
E5 300x150	0,28
E5 300x200	0,34
E5 300x300	0,45
E5 400x100	0,28
E5 400x150	0,36
E5 400x200	0,42
E5 400x300	0,58
E5 400x400	0,72
E5 500x100	0,34
E5 500x150	0,43
E5 500x200	0,52
E5 500x300	0,69
E5 500x400	0,88
E5 500x500	1,05
E5 560x560	1,27
E5 570x570	1,31
E5 600x100	0,40
E5 600x150	0,51
E5 600x200	0,61
E5 600x300	0,82
E5 600x400	1,02
E5 600x500	1,22
E5 600x600	1,43
E5 800x100	0,53
E5 800x150	0,65
E5 800x200	0,79
E5 800x300	1,05
E5 800x400	1,32
E5 800x500	1,58
E5 1000x100	0,63
E5 1000x150	0,81
E5 1000x200	0,98
E5 1000x300	1,29
E5 1000x400	1,48
E5 1000x500	1,79

Name	Factor
E5F	
E5F 1000x150	2,78
E5F 1000x200	3,06
E5F 1000x250	3,38
E5F 1000x300	3,77
E5F 1000x400	4,43
E5F 1000x500	5,10
E5F 800x100	2,00
E5F 800x150	2,28
E5F 800x200	2,56
E5F 800x300	3,13
E5F 800x400	3,69
E5F 800x500	4,25
E5F 600x100	1,54
E5F 600x150	1,78
E5F 600x200	2,01
E5F 600x300	2,48
E5F 600x400	2,94
E5F 600x500	3,41
E5F 600x600	3,88
E5F 500x100	1,32
E5F 500x150	1,53
E5F 500x200	1,73
E5F 500x300	2,15
E5F 500x400	2,58
E5F 500x500	2,99
E5F 400x100	1,09
E5F 400x150	1,27
E5F 400x200	1,46
E5F 400x300	1,83
E5F 400x400	2,20
E5F 300x100	0,86
E5F 300x150	1,02
E5F 300x300	1,51
E5F 200x100	0,63
E5F 200x200	0,90
E5O	
E5O 100	0,19
E5O 125	0,29
E5O 160	0,38
E5O 200	0,48
E5O 250	0,58
E5O 315	0,77
E5O 400	1,15
E5O 500	1,63
E5O 630	2,69
HC	
HC 100	4,18
HC 125	5,58
HC 160	8,12
HC 200	10,72
HC 250	14,71
HC 315	20,00
KC	
KC 100	4,42
KC 125	6,06
KC 160	8,75
KC 200	10,96
KC 250	15,58
KC 315	20,38

Name	Factor
KLK	
KLK 100	0,24
KV	
KV 080	0,19
KV 100	0,24
KV 125	0,34
KV 160	0,53
KV 200	0,77
KVP	
KVP 100	0,24
KVP 125	0,34
KVP 160	0,53
ODA / ÖDA	
ODA / ÖDA 100/125/160	1,94
OLR / ÖLR	
OLR / ÖLR 100/125/160	1,00
OLR / ÖLR 160XL	1,24
OLS / ÖLS	
OLS / ÖLS 300	1,18
OLS / ÖLS 550	1,77
OLS / ÖLS 800	2,43
RP	
RP 250	14,42
RP 315	20,19
RP 400	31,73
RP 500	40,38
SVD	
SVD 500x300	1,44
S2O / S2Ö	
S2O / S2Ö 300	2,69
S2O / S2Ö 550	4,13
S2O / S2Ö 800	5,58
SOD / SÖD	
SOD / SÖD 300	1,25
SOD / SÖD 550	1,92
SOD / SÖD 800	2,60
TED	
TED 100	0,56
TED 125	0,56
TEDO	
TEDO 100	0,54
TEDO 125	0,54

*) Please contact the Klimatbyrån to obtain multiplication factors for non-standard sizes.

Bibliography

ISO 14025:2010	Environmental labels and declarations – Type III environmental declarations – Principles and procedures
ISO 14044:2006	Environmental management – Life cycle assessment – Requirements and guidelines
EN 15804:2012+A2:2019	Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products.

NPCR Part A Construction products and services. Ver. 2.0. March 2021, EPD-Norge.
NPCR 026 Part B for Furniture. Ver. 2.0 March 2022, EPD-Norge.

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