ENVIRONMENTAL PRODUCT DECLARATION

SERIE SR

In accordance with: ISO 14025:2006, EN 15804:2012+A2:2019/AC:2021

Products included in the EPD:

SR15

An EPD may be updated or depublished if conditions change. To find the latest version of the EPD and to confirm its validity, see www.environdec.com

EPD of multiple products based on a representative product

EPD Owner
IDROAIR SRL

Programme
International EPD System
www.environdec.com

Programme operator
EPD International AB

Registration number
EPD-IES-0025131:003

Approval date
2025-09-19

Validity date
2030-09-18



EPD INTERNATIONAL EPD SYSTEM

ECO PLATFORM EPD VERIFIED

IDROAIR ITALY

GENERAL INFORMATION

Programme information

Programme	International EPD System
Address	EPD International AB Box 210 60 SE-100 31 Stockholm Sweden
Website	www.environdec.com
E-mail	support@environdec.com

Product category rules

CEN standard EN 15804 serves as the Core Product Category Rules (PCR)	
Product Category Rules (PCR)	PCR 2019:14 Construction products (EN 15804+A2) (2.0.1)
PCR review was conducted by	The Technical Committee of the International EPD System. See www.environdec.com for a list of members. Review chair: Rob Rouwette (chair), Noa Meron (co-chair). The review panel may be contacted via the Secretariat www.environdec.com/support.
Complementary Product Category Rules (c-PCR)	PCR 2019:14-c-PCR-018 Ventilation components (c-PCR under PCR 2019:14) (Adopted from EPD Norway)
c-PCR review was conducted by	The Technical Committee of the International EPD System

Verification

LCA accountability	SERENA MANTOVANI, commerciale@idroair.eu, IDROAIR SRL
Independent third-party verification of the declaration and data, according to ISO 14025:2006, via	☑ EPD verification through an individual EPD verification ☐ EPD verification through EPD Process Certification* ☐ EPD verification through a fully pre-verified tool
Third-party verifier	TÜV Italia S.r.l.
Accredited by	Accredia
Accredited certification body address	Italy
Procedure for follow-up of data during EPD validity involves third party verifier	☐ Yes ☑ No

*EPD Process Certification involves an accredited certification body certifying and periodically auditing the EPD process and conducting external and independent verification of EPDs that are regularly published. More information can be found in the General Programme Instructions on www.environdec.com. International EPD System.

Ownership and limitations on use of EPD

Limitations

EPDs within the same product category but published in different EPD programmes, may not be comparable. For two EPDs to be comparable, they shall be based on the same PCR (including the same first-digit version number) or be based on fully aligned PCRs or versions of PCRs; cover products with identical functions, technical performances and use (e.g. identical declared/functional units); have identical scope in terms of included life-cycle stages (unless the excluded life-cycle stage is demonstrated to be insignificant); apply identical impact assessment methods (including the same version of characterisation factors); and be valid at the time of comparison.

Ownership

The EPD Owner has the sole ownership, liability, and responsibility for the EPD.

INFORMATION ABOUT EPD OWNER

EPD Owner	IDROAIR SRL
Contact person name	SERENA MANTOVANI
Contact person e-mail	info@idroair.eu
Organisation address	Italy Bovolone 37051 via dossi 1

Description of the organisation of the EPD Owner

IDROAIR SRL is an industrial reality based in Bovolone (Verona). The company has succeeded to develop a long-term strategy and an important commercial network thanks to design experience of technical figures and skilled manpower and also thanks to high-quality materials. Company policy consists of constant product development and improvement of service.

PRODUCT INFORMATION

Product name	SR15
Product identification	Heat recovery units
Product description	The heat recovery units series SR are particularly suitable in environments where there is a need to reciprocate continuously stale air for example, local bars, gyms, locker rooms, offices etc. These equipments allow the renewal of the air of the environment allowing the recovery of part of the heat contained in the expelled air. The heat recovery unit series SR-E are equipped with a heat exchange cross-flow aluminum through which the expelled air transfers part of its heat to the fresh air before it is introduced into the environment. In all models, the storage box is made with structure of aluminum profiles and sandwich panels in galvanized sheet steel, thermally insulated with polyurethane foam, sp. 23mm. SR-series units are equipped with centrifugal fans and centrifugal single inlet with electronically commutated brushless motors. The units in the SR-E are produced in the version for installation in the ceiling, floor or wall.
Technical purpose of product	Europe market, 90% Italian market. Installation for commercial areas, hospitals, ecc.
Manufacturing or service provision description	1. PROCUREMENT 2. RAW MATERIALS PROCESSING 3. ASSEMBLY 4. PRE-SHIPPING & TRANSPORT 5. ON-SITE INSTALLATION AND COMMISSIONING
Material properties	Volumetric mass density: 169.42 kg/m^3
Manufacturing site	IDROAIR SRL Italy BOVOLONE 37051 VIA DOSSI 1
UN CPC code	4391. Gas generators; distilling plant; air conditioning and refrigerating equipment; filtering machinery
Geographical scope(s)	Global
Geographical scope description	A1-A2 (EUR), A3 (ITA), C1-C4 (ITA)
Actual or technical lifespan	20 year(s)

PRODUCT IMAGES



CONTENT DECLARATION

Content declaration of multiple products	The mass (weight) of one unit of a product, as purchased or per declared unit: product mass 169,42 kg without packaging.
Hazardous and toxic substances	The product does not contain any substances from the SVHC candidate list in concentrations exceeding 0.1% of its weight.

PRODUCT CONTENT

Content name	Mass, kg	Post-consumer recycled material, mass-% of product	Biogenic material, mass-% of product	Biogenic material[1], kg C/declared unit
FeZn Sheet Metal	36.57	40	0	0
Liquid Expanded Polyurethane	15.99	0	0	0
Aluminium Profiles	71.84	0	0	0
PVC Corners/Fittings/Handles	1.9	0	0	0
Synthetic Filter M5	4.2	0	0	0
Pocket Filter F7	5.8	0	0	0
Small Hexagonal Plate Heat Exchanger	14	0	0	0
Plug Fan EC Brushless	18	0	0	0
Accessories - Electrical Components for Control	1.12	0	0	0
Total	**169.42**	**40**	**0**	**0**
Note 1	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2			

PACKAGING MATERIALS

Material name	Mass, kg	Mass-% (versus the product)	Biogenic material[1], kg C/declared unit
Pallet	20	12	8.2
Cardboard	0.13	0	
LDPE roll	0.43	0	0
PET strapping / tie roll	0.12	0	0
Adhesive Tape	0.04	0	0
Total	**20.72**	**12**	**8.2**
Note 1	1 kg biogenic carbon is equivalent to 44/12 kg of CO_2		

LCA INFORMATION

EPD based on declared or functional unit	Declared unit
Declared unit and reference flow	SR15 Mass: 1 kg
Conversion factor to mass	1
Are infrastructure or capital goods included in any upstream, core or downstream processes?	☐ Yes ☑ No
Data sources used for this EPD	ecoinvent database (general) ecoinvent 3.11 database
LCA Software	SimaPro SimaPro 9.6
Version of the EN 15804 reference package	EF Reference Package 3.1
Characterisation methods	EF 3.1
Technology description including background system	Average indoor operating temperatures: 20°C at 55% relative humidity (winter), 24°C at 55% relative humidity (summer). Average outdoor temperatures: 0°C at 80% relative humidity (winter), 35°C at 50% relative humidity (summer). Description of system boundaries: Cradle to gate with modules C1–C4 and module D (A1–A3 + C + D);
Scrap (recycled material) inputs contribution level	Less than 10% of the GWP-GHG results in modules A1-A3 come from scrap inputs

Data quality assessment

Description of data quality assessment and reference years	The data quality was assessed in accordance with the Commission Recommendation 2013/179/EU (PEF) and UNI EN 15804:2019 (Annex E). For each dataset, three scores were assigned related to temporal representativeness (TiR), technical representativeness (TeR), and geographical representativeness (GR), following the criteria set out in Table 5 of the PEF Recommendation. The overall Data Quality Rating (DQR) was then calculated as the arithmetic mean of these three values: DQR = (TiR + TeR + GR) / 3. Based on the obtained value, datasets were classified into quality levels ranging from “excellent” to “poor,” with only those achieving at least a “good quality” level being considered acceptable. Overall, the data quality was considered “ good” and no data were excluded from the analysis in the LCA report.

DATA QUALITY ASSESSMENT

Process name	Source type	Source	Reference year	Data category	Share of primary data, of GWP-GHG results for A1-A3
polyurethane foam	Company data	Ecoinvent 3.11	2024	primary	7%
FeZn sheet metal	Company data	Ecoinvent 3.11	2024	primary	5%
Total share of primary data, of GWP-GHG results for A1-A3					**12%**
Note	The share of primary data is calculated based on GWP-GHG results. It is a simplified indicator for data quality that supports the use of more primary data to increase the representativeness of and comparability between EPDs. Note that the indicator does not capture all relevant aspects of data quality and is not comparable across product categories.				

Comment on the data sources and other information in the table	Within modules A1–A3, 17% of the GWP-GHG results are based on primary data. The table reports the processes and materials that contribute to the share of primary data, of GWP-GHG results for A1-A3. However the main contribution for the overal share of GWP-GHG results for A1-A3, is represented by the aluminium profiles, a secondary data accounting alone for the

ELECTRICITY USED IN THE MANUFACTURING PROCESS IN A3 (A5 FOR SERVICES)

Type of electricity mix	Residual electricity mix on the market	
Energy sources	Hydro	0%
	Wind	1%
	Solar	0%
	Biomass	2%
	Geothermal	0%
	Waste	0%

	Nuclear	0%
	Natural gas	69%
	Coal	7%
	Oil	5%
	Peat	0%
	Other	16%
Climate impact (GWP-GHG):	3.72 kg CO_2 eq./kWh	

Method used to calculate residual electricity mix	The dataset describes the residual mix on the low voltage level in Italy. The shares have been calculated based on statistics from AIB (2023) following the methodology of grexel (2020).

SYSTEM BOUNDARY

Description of the System boundary	a) Cradle to gate with modules C1-C4 and module D (A1-A3 + C + D).
Excluded modules	No, there is no excluded module, or there are no excluded modules

	Product stage			Construction process stage		Use stage							End of life stage				Beyond product life cycle
	Raw material supply	Transport	Manufacturing	Transport to site	Construction installation	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	De-construction demolition	Transport	Waste processing	Disposal	Reuse-Recovery-Recycling-potential
Module	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Modules declared	X	X	X	ND	ND	ND	ND	ND	ND	ND	ND	ND	X	X	X	X	X
Geography	Europe	Europe	Italy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Italy	Italy	Italy	Italy	Italy
Share of specific data	12%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation - products	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Variation - sites	0%			-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disclaimer	The share of specific/primary data and both variations (products and sites) refer to GWP-GHG results only.																

Process flow diagram(s) related images

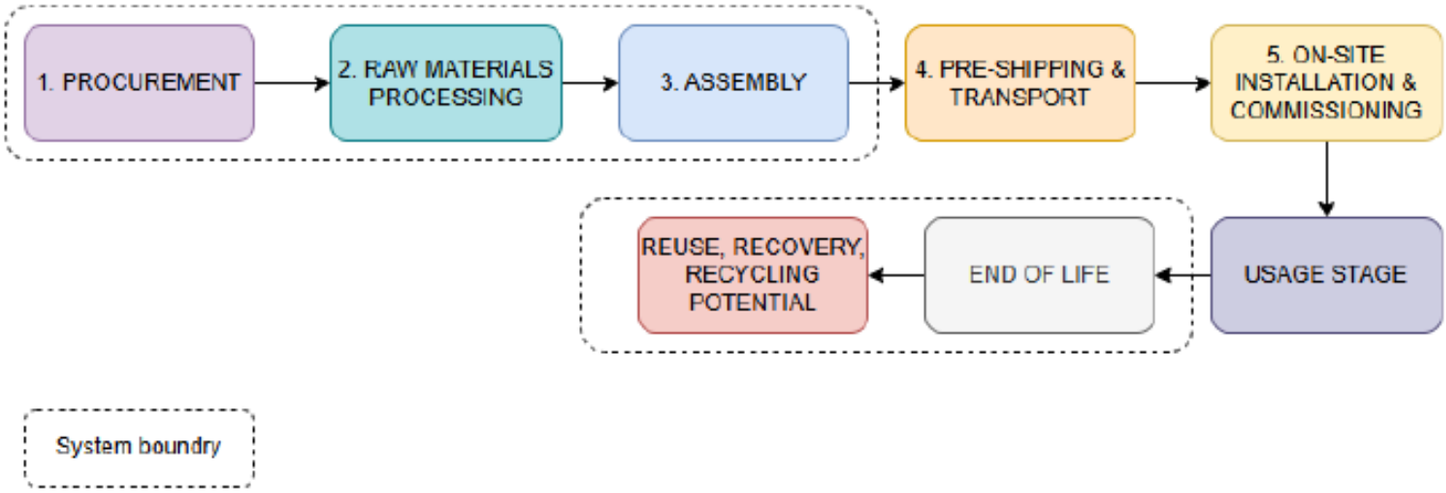


*Figure 1 Process flow diagram. *optional*

DEFAULT SCENARIO

Name of the default scenario	Recycling and Disposal Scenario for Air Treatment Units
Description of the default scenario	As with EPD EPD-IES-0026332:001, a single end-of-life scenario has been indicated. Therefore, it is not considered necessary to create an alternative scenario. For the scenarios of modules C3 and C4, NPCR was followed (Table 4, section 6.3.8.4). According to the material type 68,2% of recycling was associated to both aluminum and steel in module C3, the remaining 31,8% is sent to landfilling in module C4. According to waste diversion from landfills in Europe, 17% of plastic, mineral wool, and electronics are sent to landfill in C4. And the remaining 83% in module C3 is sent to sorting and shredding.

Reference service life

Description of the default scenario in reference service life	25 years with regular maintenance

Reference service life information	Value	Unit
Reference service life	25	year(s)

Module C: End-of-life

Explanatory name of the default scenario in module C	End-of-life
Description of the default scenario in module C	For the scenarios of modules C3 and C4, NPCR was followed (Table 4, section 6.3.8.4). According to the material type 68,2% of recycling was associated to both aluminum and steel in module C3, the remaining 31,8% is sent to landfilling in module C4. According to waste diversion from landfills in Europe, 17% of plastic, mineral wool, and electronics are sent to landfill in C4. And the remaining 83% in module C3 is sent to sorting and shredding.

Module D: Beyond product life cycle

Explanatory name of the default scenario in module D	Resource recovery stage
Description of the default scenario in module D	The benefits of recycled metals in module C3 were considered to have a possible environmental benefit as substituted material.

Module D information	Value	Unit
Aluminium, Steel	68,2	%
plastic, mineral wool, and electronics	83	%

ENVIRONMENTAL PERFORMANCE

The estimated impact results are only relative statements, which do not indicate the endpoints of the impact categories, exceeding threshold values, safety margins and/or risks.

Mandatory environmental performance indicators according to EN 15804

Impact category	Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Climate change - total	GWP-total	kg CO_2 eq.	1.31E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	2.90E+0	3.51E+0	3.76E+0	1.34E+0
Climate change - fossil	GWP-fossil	kg CO_2 eq.	1.35E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	2.89E+0	1.82E+0	3.76E+0	1.34E+0
Climate change - biogenic	GWP-biogenic	kg CO_2 eq.	4.40E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	1.98E+0	1.68E+0	3.31E+0	2.62E+0
Climate change - land use and land-use change	GWP-luluc	kg CO_2 eq.	4.81E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	9.46E+0	8.19E+0	3.59E+0	5.06E+0
Ozone depletion	ODP	kg CFC-11 eq.	1.70E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	5.75E+0	1.10E+0	1.02E+0	9.05E+0
Acidification	AP	mol H^+ eq.	1.09E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	9.05E+0	6.18E+0	2.50E+0	1.09E+0
Eutrophication aquatic freshwater	EP-freshwater	kg P eq.	8.07E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	1.93E+0	1.26E+0	4.43E+0	8.57E+0
Eutrophication aquatic marine	EP-marine	kg N eq.	1.69E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	3.05E+0	2.90E+0	2.15E+0	1.77E+0
Eutrophication terrestrial	EP-terrestrial	mol N eq.	2.17E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	3.32E+0	3.09E+0	1.03E+0	1.95E+0
Photochemical ozone formation	POCP	kg NMVOC eq.	5.75E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	1.42E+0	9.11E+0	3.69E+0	5.72E+0
Depletion of abiotic resources - minerals and metals	ADP-minerals&metals[1]	kg Sb eq.	1.97E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	9.25E+0	5.83E+0	7.13E+0	2.35E+0
Depletion of abiotic resources - fossil fuels	ADP-fossil[1]	MJ, net calorific value	1.66E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	4.06E+0	8.96E+0	8.61E+0	1.40E+0
Water use	WDP[1]	m^3 world eq. deprived	3.15E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	1.67E+0	1.30E+0	3.47E+0	2.40E+0
Acronyms	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; EP-marine = Eutrophication potential, fraction of nutrients reaching marine end compartment; EP-terrestrial = Eutrophication potential, Accumulated Exceedance; POCP = Formation potential of tropospheric ozone; ADP-minerals&metals = Abiotic depletion potential for non-fossil resources; ADP-fossil = Abiotic depletion for fossil resources potential; WDP = Water (user) deprivation potential, deprivation-weighted water consumption																
General disclaimer	The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3/A1-A5 for services).																
Disclaimer 1	The results of this environmental impact indicator shall be used with care as the uncertainties of these results are high or as there is limited experience with the indicator																

Additional mandatory environmental performance indicators

Impact category	Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Climate change - GWP-GHG	GWP-GHG[1]	kg CO_2 eq.	1.34E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	2.87E+0	1.82E+0	3.73E+0	1.33E+0
Acronyms	GWP-GHG = Global warming potential greenhouse gas.																
General disclaimer	The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3/A1-A5 for services).																
Disclaimer 1	The GWP-GHG indicator is termed GWP-IOBC/GHG in the ILCD+EPD+ data format. The indicator accounts for all greenhouse gases except biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. As such, the indicator is identical to GWP-total except that the CF for biogenic CO_2 is set to zero.																

Resource use indicators according to EN 15804

Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
PERE	MJ, net calorific value	2.98E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	6.66E+0	1.69E+0	2.07E+0	2.59E+0
PERM	MJ, net calorific value	1.99E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	1.99E+0	1.99E+0
PERT	MJ, net calorific value	2.98E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	6.66E+0	1.69E+0	8.56E+0	2.57E+0
PENRE	MJ, net calorific value	1.65E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	4.06E+0	8.96E+0	3.01E+0	1.42E+0
PENRM	MJ, net calorific value	2.15E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	2.15E+0	2.15E+0
PENRT	MJ, net calorific value	1.66E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	4.06E+0	8.96E+0	8.62E+0	1.40E+0
SM	kg	0.00E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
RSF	MJ, net calorific value	0.00E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
NRSF	MJ, net calorific value	0.00E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
FW	m^3	1.40E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	5.56E+0	3.37E+0	8.29E+0	1.26E+0
Acronyms	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non-renewable primary energy excluding non-renewable primary energy resources used as raw materials; PENRM = Use of non-renewable primary energy resources used as raw materials; PENRT = Total use of non-renewable primary energy re-sources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non-renewable secondary fuels; FW = Use of net fresh water.															
General disclaimer	The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3/A1-A5 for services).															

Waste indicators according to EN 15804

Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
HWD	kg	9.30E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	2.74E+0	6.38E+0	5.64E+0	8.43E+0
NHWD	kg	6.37E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	1.93E+0	7.22E+0	4.47E+0	4.73E+0
RWD	kg	2.30E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	1.29E+0	1.90E+0	1.47E+0	1.54E+0
Acronyms	HWD = Hazardous waste disposed; NHWD = Non-hazardous waste disposed; RWD = Radioactive waste disposed.															
General disclaimer	The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3/A1-A5 for services).															

Output flow indicators according to EN 15804

Indicator	Unit	A1-A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
CRU	kg	0.00E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
MFR	kg	5.66E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	1.42E+0	0.00E+0	7.39E+0
MER	kg	0.00E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	2.79E+0	0.00E+0	0.00E+0
EEE	MJ, net calorific value	0.00E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
EET	MJ, net calorific value	0.00E+0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00E+0	0.00E+0	0.00E+0	0.00E+0	0.00E+0
Acronyms	CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy.															
General disclaimer	The results of the end-of-life stage (modules C1-C4) should be considered when using the results of the product stage (modules A1-A3/A1-A5 for services).															

INFORMATION RELATED TO EPDS OF MULTIPLE PRODUCTS

Justification for why this is representative	The heat recovery units series SR are particularly suitable in environments where there is a need to reciprocate continuously stale air for example, local bars, gyms, locker rooms, offices etc. These equipments allow the renewal of the air of the environment allowing the recovery of part of the heat contained in the expelled air. The heat recovery unit series SR-E are equipped with a heat exchange cross-flow aluminum through which the expelled air transfers part of its heat to the fresh air before it is introduced into the environment. In all models, the storage box is made with structure of aluminum profiles and sandwich panels in galvanized sheet steel, thermally insulated with polyurethane foam, sp. 23mm. SR-series units are equipped with centrifugal fans and centrifugal single inlet with electronically commutated brushless motors. The units in the SR-E are produced in the version for installation in the ceiling, floor or wall. List of products of the SR serie: SR15, SR12HD, SR10, SR10T, SR09HD, SR06T, SR06HD, SR05, SR03T e SR01.

ABBREVIATIONS

NOT APPLICABLE

REFERENCES

a) General Programme Instructions of the International EPD® System. Version 5.0.1

b) PCR 2019:14. CONSTRUCTION PRODUCTS 2.0.1

c) c-PCR-018 Ventilation components (Adapted from EPD Norway, "Part B for ventilation com ponents" NPCR 030 version 1.1)

d) Report LCA_Idroair_2024_rev02

e) For the development of the inventory and the calculation of eco-profiles, the SimaPro 9 software was used, and the database "ECOINVENT 3.11" was selected. To characterize the inventory data in relation to the various impact categories relevant to the system under analysis, the "EN 15804 +A2 Method" was applied as the calculation method.

VERSION HISTORY

First year certification, original version of the EPD

Version 001, 2025-09-19

Original version of the EPD