CORDIVARI®
Zona Ind. Pagliare 64020 Morro D'Oro (TE)
Italy www.cordivari.it · www.cordivaridesign.it

PRODUCT ENVIRONMENTAL PROFILE

HOT WATER RADIATORS

HOT WATER RADIATORS
BRAZE WELDED

Registration number: **CORD-00002-V01.03-EN**	Drafting rules: **«PCR-ed4-EN-2021 09 06»** **Supplemented by** «PSR-0011-ed2.0 EN-2023 06 06»
Verifier accreditation number: **VH50**	Information and reference document: **www.pep-ecopassport.org**
Date of issue: **06-2025**	Validity period: **5 years**
Independent verification of the declaration and data in compliance with ISO 14025:2006	
Internal ☐	External ☑
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)	
PEPs are compliant with NF C08-100-1:2022 and EN 50693:2019 or NF E38-500:2022. The components of the present PEP may not be compared with components from any other program.	
Document complies with ISO 14025:2006 "Environmental labels and declarations. Type III environmental declarations"	

COMPANY INFORMATION

General Information	Cordivari Srl - Zona Ind.le Pagliare Morro D'Oro Snc 64020 (TE) - Italy
Legal contact in the company	info@cordivari.it

Cordivari Srl is one of the leading Italian companies in the hydro-thermal-sanitary sector, specializing in the production of hydrothermal systems for domestic, civil, and industrial applications.
The company continuously renews its commitment by focusing on developing products and solutions that combine efficiency, reliability, and environmental sustainability.
Cordivari is certified according to UNI EN ISO 9001, UNI EN ISO 14001, and UNI EN ISO 45001 standards, implementing an integrated management system that ensures high quality standards and full customer satisfaction.

REFERENCE PRODUCT

Product	Lisa® 22
Reference product category	Hot water radiators
Subcategory	Passive devices - Static hot water radiator
Output (W)	1062 (Δt=50°C)
Dimensions (mm)	750X1732
Finish	With epoxy polyester powders with DIN 55900-1,-2 certified process
Functional unit	"To produce 1 kW of heating as defined by the manufacturer, according to the reference usage scenario and during the 50 years reference lifetime of the product"
Declared unit	"To produce heating with a 1062 W radiator for a reference lifetime of 50 years of the product."

TECHNICAL CHARACTERISTICS

Product mass (including packaging)	15,20 kg
Packaging mass	0,93 kg
Reference lifetime	50 years

CONSTITUENT MATERIALS

The total mass of the product is 15,20 kg, including 14,27 kg of product and 0,93 kg of packaging. The constituent materials are:

Metals		Plastics		Other Materials	
Carbon steel (20% recycled content)	90,3%	LDPE shrink wrap (50% recycled content)	1,7%	Cardboard (100% recycled content)	4,4%
				Epoxy-polyester powder	3,6%
Total	90,3%	Total	1,7%	Total	8,0%

LIFE CYCLE ANALYSIS METHODOLOGY

Name and version of LCA software	openLCA version 2.4
Version of LCA software database	Ecoinvent v.3.11
Temporal Representativeness	Primary data collected in the reference period 01/01/2024 -31/12/2024
Technological Representativeness	Primary data collected from the manufacturing plant in Italy through the technical documentation of the radiator (material information and supplier data)

Geographical Representativeness

MANUFACTURING	DISTRIBUTION	INSTALLATION	USE	END OF LIFE
Italy/Europe	Europe	Europe	Europe	Europe

Energy Models Considered for Each Phase

MANUFACTURING STAGE	Electricity, low voltage, residual mix Italy | electricity, low voltage
	Electricity production, photovoltaic, 570kWp open ground installation, multi-Si | electricity, low voltage|Italy

The life cycle analysis on which this Product Environmental Profile (PEP) is based is carried out in compliance with the criteria imposed by PCR– ed4-EN-2021 09 06 of the PEP ecopassport® Program. The functional unit and the scenarios of distribution, use, and waste treatment are in accordance with the assumptions established in PSR-0011-ed2.0 EN-2023 06 06.

ADDITIONAL ENVIRONMENTAL INFORMATION

Manufacturing	Produced in an ISO 14001 certified plant in Italy. Components come from Europe. Raw materials and their transport to the production site, various production phases of the finished product, and waste treatment were considered.
Distribution	Product and packaging delivery: 1500 km by truck
Installation	The product does not require any special installation procedure as it is manually performed by a professional with portable tools and does not require energy. This phase includes the end-of-life treatment of the packaging according to the PSR-0011-ed2.0 EN-2023 06 06 standards.
Usage	The hot water radiator or towel radiator does not require any maintenance or care during the use phase. Additionally, once installed, no energy consumption is expected.
End of Life	To model the end-of-life phase of the product, the Ecosystem database was used, in accordance with PSR-0011-ed2.0-EN 2023 06 06. Therefore, the data relating to transport, recycling, recovery, incineration and landfill rates provided by this source were applied, in line with the specific indications for electrical and electronic products. According to the sectoral convention, the end-of-life transport phase is considered assuming a 100 km journey by truck.

ENVIRONMENTAL IMPACTS

The environmental impact assessment covers the following phases of the product life cycle: Manufacturing (A1-A3), Distribution (A4), Installation (A5), Use (B1-B7), End of life (C1-C4), and benefits and loads beyond the system boundaries (D).
Calculations were performed using OpenLCA version 2.4 software and Ecoinvent v.3.11 database. The applied method complies with the EN15804+A2 standard and is based on the EF 3.1 methodology.
The PEP was developed considering the emission of a thermal power of 1 kW. The impact of the life cycle phases of the product installed in a real situation must be calculated by the user of the declaration by multiplying the considered impact by the total heating capacity of the device.
In the context of the life cycle analysis of a building, modules from B1 to B7 must be declared. For this product, the impact of the use phase is zero (PSR-0011-ed2.0-EN 2023 06 06).

ENVIRONMENTAL IMPACTS PER KW CORRESPONDING TO THE FUNCTIONAL UNIT

MANDATORY ENVIRONMENTAL IMPACT INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	TOTAL (module D excluded)	MANUFACTURING A1-A3	DISTRIBUTION A4	INSTALLATION A5	USE B1-B7	END OF LIFE C1-C4	BENEFITS AND CHARGES BEYOND THE SYSTEM'S BOUNDARIES D
Global Warming Potential - biogenic (GWP-biogenic)	*kg CO_2-eq*	2,42E+00	-6,20E-01	2,79E-03	3,04E+00	0,00E+00	1,74E-04	6,58E-01
Global Warming Potential - fossil fuels (GWP-fossil)	*kg CO_2-eq*	6,67E+01	6,20E+01	4,01E+00	4,96E-01	0,00E+00	2,51E-01	-1,14E+01
Global Warming Potential - land use and land use change (GWP-luluc)	*kg CO_2-eq*	1,43E-01	1,42E-01	1,35E-03	1,89E-04	0,00E+00	8,44E-05	-7,15E-03
Global Warming Potential - total (GWP-total)	*kg CO_2-eq*	6,93E+01	6,15E+01	4,01E+00	3,54E+00	0,00E+00	2,51E-01	-1,08E+01
Abiotic depletion potential - fossil resources (ADPF)	*MJ*	8,48E+02	7,85E+02	5,69E+01	2,15E+00	0,00E+00	3,56E+00	-1,21E+02
Abiotic depletion potential - non-fossil resources (ADPE)	*kg Sb-eq*	4,11E-04	3,95E-04	1,41E-05	1,21E-06	0,00E+00	8,81E-07	-8,56E-05
Acidification potential, Accumulated Exceedance (AP)	*mol H+-eq*	2,23E-01	2,13E-01	8,60E-03	6,82E-04	0,00E+00	5,38E-04	-4,80E-02
Depletion potential of the stratospheric ozone layer (ODP)	*kg CFC-11-eq*	1,32E-06	1,23E-06	8,73E-08	2,45E-09	0,00E+00	5,47E-09	-5,45E-08
Eutrophication potential - freshwater (EP-freshwater)	*kg P-eq*	2,41E-02	2,38E-02	2,78E-04	6,68E-05	0,00E+00	1,74E-05	-6,18E-03
Eutrophication potential - marine (EP-marine)	*kg N-eq*	4,83E-02	4,58E-02	2,07E-03	3,33E-04	0,00E+00	1,30E-04	-1,06E-02
Eutrophication potential - terrestrial (EP-terrestrial)	*mol N-eq*	4,95E-01	4,69E-01	2,24E-02	1,92E-03	0,00E+00	1,40E-03	-1,14E-01
Photochemical Ozone Creation Potential (POCP)	*kg NMVOC-eq*	1,90E-01	1,75E-01	1,36E-02	6,72E-04	0,00E+00	8,54E-04	-3,82E-02
Water (user) deprivation potential (WDP)	*m^3 world-eq deprived*	2,53E+01	2,49E+01	3,02E-01	6,31E-02	0,00E+00	1,89E-02	-3,32E+00

ENVIRONMENTAL IMPACTS PER KW CORRESPONDING TO THE FUNCTIONAL UNIT

OPTIONAL ENVIRONMENTAL IMPACT INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	TOTAL (module D excluded)	MANUFACTURING A1-A3	DISTRIBUTION A4	INSTALLATION A5	USE B1-B7	END OF LIFE C1-C4	BENEFITS AND CHARGES BEYOND THE SYSTEM'S BOUNDARIES D
Ecotoxicity (fresh water)	*CTUe*	3,39E+02	3,28E+02	7,65E+00	3,18E+00	0,00E+00	4,79E-01	-7,00E+01
Human toxicity, non-carcinogenic effects	*CTUh*	4,74E-07	4,32E-07	3,59E-08	3,50E-09	0,00E+00	2,25E-09	-9,54E-08
Human toxicity, carcinogenic effects	*CTUh*	4,94E-08	4,86E-08	6,74E-10	1,22E-10	0,00E+00	4,22E-11	-1,38E-08
Ionizing radiation, human health	*kBq U235-eq*	2,79E+00	2,68E+00	6,88E-02	3,77E-02	0,00E+00	4,31E-03	-2,67E-01
Emission of fine particles	*Disease incidence*	4,05E-06	3,72E-06	3,00E-07	7,31E-09	0,00E+00	1,88E-08	-1,12E-06
Impacts related to land use/soil quality	*Dimensionless*	2,87E+02	2,49E+02	3,42E+01	7,78E-01	0,00E+00	2,14E+00	-9,93E+01

INDICATORS DESCRIBING OUTPUT FLOWS

IMPACT CATEGORY	UNIT OF MEASUREMENT	TOTAL (module D excluded)	MANUFACTURING A1-A3	DISTRIBUTION A4	INSTALLATION A5	USE B1-B7	END OF LIFE C1-C4	BENEFITS AND CHARGES BEYOND THE SYSTEM'S BOUNDARIES D
Components for re-use (CRU)	*kg*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Exported electrical energy (EEE)	*MJ*	2,12E-01	0,00E+00	0,00E+00	2,12E-01	0,00E+00	0,00E+00	0,00E+00
Exported thermal energy (EET)	*MJ*	4,18E-01	0,00E+00	0,00E+00	4,18E-01	0,00E+00	0,00E+00	0,00E+00
Materials for energy recovery (MER)	*kg*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Materials for recycling (MFR)	*kg*	1,53E+00	1,53E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

ENVIRONMENTAL IMPACTS PER KW CORRESPONDING TO THE FUNCTIONAL UNIT

INVENTORY FLOW INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	TOTAL (module D excluded)	MANUFACTURING A1-A3	DISTRIBUTION A4	INSTALLATION A5	USE B1-B7	END OF LIFE C1-C4	BENEFITS AND CHARGES BEYOND THE SYSTEM'S BOUNDARIES D
Total use of non renewable primary energy resources (PENRT)	*MJ*	8,48E+02	7,86E+02	5,69E+01	2,15E+00	0,00E+00	3,56E+00	-1,21E+02
Total use of renewable primary energy resources (PERT)	*MJ*	7,38E+01	7,25E+01	9,40E-01	3,70E-01	0,00E+00	5,88E-02	-2,26E+01
Use of net fresh water (FW)	*m^3*	5,60E-01	5,52E-01	6,97E-03	8,07E-04	0,00E+00	4,36E-04	-6,99E-02
Use of non renewable primary energy resources used as energy carrier (PENRE)	*MJ*	8,38E+02	7,72E+02	5,69E+01	6,14E+00	0,00E+00	3,56E+00	-1,21E+02
Use of non renewable primary energy resources used as raw materials (PENRM)	*MJ*	9,86E+00	1,38E+01	0,00E+00	-3,99E+00	0,00E+00	0,00E+00	0,00E+00
Use of non renewable secondary fuels (NRSF)	*MJ*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Use of renewable primary energy resources used as energy carrier (PERE)	*MJ*	5,37E+01	5,14E+01	9,40E-01	1,27E+00	0,00E+00	5,88E-02	-2,26E+01
Use of renewable primary energy resources used as raw materials (PERM)	*MJ*	2,01E+01	2,10E+01	0,00E+00	-8,99E-01	0,00E+00	0,00E+00	0,00E+00
Use of renewable secondary fuels (RSF)	*MJ*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Use of secondary materials (SM)	*kg*	3,44E+00	3,44E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

ENVIRONMENTAL IMPACTS PER KW CORRESPONDING TO THE FUNCTIONAL UNIT

INDICATORS DESCRIBING CATEGORIES OF WASTE

IMPACT CATEGORY	UNIT OF MEASUREMENT	TOTAL (module D excluded)	MANUFACTURING A1-A3	DISTRIBUTION A4	INSTALLATION A5	USE B1-B7	END OF LIFE C1-C4	BENEFITS AND CHARGES BEYOND THE SYSTEM'S BOUNDARIES D
Hazardous waste disposed (HWD)	*kg*	1,36E+01	1,35E+01	5,87E-02	1,14E-02	0,00E+00	3,67E-03	-3,56E+00
Non hazardous waste disposed (NHWD)	*kg*	6,36E+01	6,23E+01	6,27E-01	7,06E-01	0,00E+00	3,92E-02	-1,01E+01
Radioactive waste disposed (RWD)	*kg*	7,11E-04	6,83E-04	1,70E-05	9,68E-06	0,00E+00	1,06E-06	-6,71E-05

OTHER INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	TOTAL (module D excluded)
Biogenic carbon content of product	*kg*	0
Biogenic carbon content of packaging	*kg*	3,32E-01

ENVIRONMENTAL IMPACT INDICATORS PER KW CORRESPONDING TO THE FUNCTIONAL UNIT

MANDATORY ENVIRONMENTAL IMPACT INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	USE PHASE	B1	B2	B3	B4	B5	B6	B7
Global Warming Potential - biogenic (GWP-biogenic)	*kg CO_2-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Global Warming Potential - fossil fuels (GWP-fossil)	*kg CO_2-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Global Warming Potential - land use and land use change (GWP-luluc)	*kg CO_2-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Global Warming Potential - total (GWP-total)	*kg CO_2-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Abiotic depletion potential - fossil resources (ADPF)	*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
Abiotic depletion potential - non-fossil resources (ADPE)	*kg Sb-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Acidification potential, Accumulated Exceedance (AP)	*mol H+-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Depletion potential of the stratospheric ozone layer (ODP)	*kg CFC-11-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Eutrophication potential - freshwater (EP-freshwater)	*kg P-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Eutrophication potential - marine (EP-marine)	*kg N-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Eutrophication potential - terrestrial (EP-terrestrial)	*mol N-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Photochemical Ozone Creation Potential (POCP)	*kg NMVOC-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Water (user) deprivation potential (WDP)	*m^3 world-eq deprived*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

ENVIRONMENTAL IMPACT INDICATORS PER KW CORRESPONDING TO THE FUNCTIONAL UNIT

OPTIONAL ENVIRONMENTAL IMPACT INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	USE PHASE	B1	B2	B3	B4	B5	B6	B7
Ecotoxicity (fresh water)	*CTUe*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Human toxicity, non-carcinogenic effects	*CTUh*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Human toxicity, carcinogenic effects	*CTUh*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Ionizing radiation, human health	*kBq U235-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Emission of fine particles	*Disease incidence*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Impacts related to land use/soil quality	*Dimensionless*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

INDICATORS DESCRIBING OUTPUT FLOWS

IMPACT CATEGORY	UNIT OF MEASUREMENT	USE PHASE	B1	B2	B3	B4	B5	B6	B7
Components for re-use (CRU)	*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
Exported electrical energy (EEE)	*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
Exported thermal energy (EET)	*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
Materials for energy recovery (MER)	*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
Materials for recycling (MFR)	*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

ENVIRONMENTAL IMPACT INDICATORS PER KW CORRESPONDING TO THE FUNCTIONAL UNIT

INVENTORY FLOW INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	USE PHASE	B1	B2	B3	B4	B5	B6	B7
Total use of non renewable primary energy resources (PENRT)	*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
Total use of renewable primary energy resources (PERT)	*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
Use of net fresh water (FW)	m^3	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Use of non renewable primary energy resources used as energy carrier (PENRE)	*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
Use of non renewable primary energy resources used as raw materials (PENRM)	*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
Use of non renewable secondary fuels (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
Use of renewable primary energy resources used as energy carrier (PERE)	*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
Use of renewable primary energy resources used as raw materials (PERM)	*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
Use of renewable secondary fuels (RSF)	*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
Use of secondary materials (SM)	*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

INDICATORS DESCRIBING CATEGORIES OF WASTE

IMPACT CATEGORY	UNIT OF MEASUREMENT	USE PHASE	B1	B2	B3	B4	B5	B6	B7
Hazardous waste disposed (HWD)	*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
Non hazardous waste disposed (NHWD)	*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
Radioactive waste disposed (RWD)	*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

ENVIRONMENTAL IMPACTS PER EQUIPMENT CORRESPONDING TO THE REFERENCE PRODUCT

MANDATORY ENVIRONMENTAL IMPACT INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	TOTAL (module D excluded)	MANUFACTURING A1-A3	DISTRIBUTION A4	INSTALLATION A5	USE B1-B7	END OF LIFE C1-C4	BENEFITS AND CHARGES BEYOND THE SYSTEM'S BOUNDARIES D
Global Warming Potential - biogenic (GWP-biogenic)	*kg CO_2-eq*	2,57E+00	-6,58E-01	2,96E-03	3,23E+00	0,00E+00	1,85E-04	6,98E-01
Global Warming Potential - fossil fuels (GWP-fossil)	*kg CO_2-eq*	7,08E+01	6,58E+01	4,26E+00	5,27E-01	0,00E+00	2,66E-01	-1,22E+01
Global Warming Potential - land use and land use change (GWP-luluc)	*kg CO_2-eq*	1,52E-01	1,50E-01	1,43E-03	2,01E-04	0,00E+00	8,97E-05	-7,59E-03
Global Warming Potential - total (GWP-total)	*kg CO_2-eq*	7,36E+01	6,53E+01	4,26E+00	3,76E+00	0,00E+00	2,67E-01	-1,15E+01
Abiotic depletion potential - fossil resources (ADPF)	*MJ*	9,01E+02	8,34E+02	6,05E+01	2,28E+00	0,00E+00	3,78E+00	-1,28E+02
Abiotic depletion potential - non-fossil resources (ADPE)	*kg Sb-eq*	4,37E-04	4,20E-04	1,50E-05	1,28E-06	0,00E+00	9,36E-07	-9,09E-05
Acidification potential, Accumulated Exceedance (AP)	*mol H+-eq*	2,36E-01	2,26E-01	9,14E-03	7,24E-04	0,00E+00	5,72E-04	-5,09E-02
Depletion potential of the stratospheric ozone layer (ODP)	*kg CFC-11-eq*	1,40E-06	1,30E-06	9,28E-08	2,60E-09	0,00E+00	5,81E-09	-5,79E-08
Eutrophication potential - freshwater (EP-freshwater)	*kg P-eq*	2,56E-02	2,52E-02	2,95E-04	7,09E-05	0,00E+00	1,85E-05	-6,56E-03
Eutrophication potential - marine (EP-marine)	*kg N-eq*	5,13E-02	4,87E-02	2,20E-03	3,53E-04	0,00E+00	1,38E-04	-1,13E-02
Eutrophication potential - terrestrial (EP-terrestrial)	*mol N-eq*	5,25E-01	4,98E-01	2,38E-02	2,04E-03	0,00E+00	1,49E-03	-1,21E-01
Photochemical Ozone Creation Potential (POCP)	*kg NMVOC-eq*	2,02E-01	1,86E-01	1,45E-02	7,14E-04	0,00E+00	9,07E-04	-4,06E-02
Water (user) deprivation potential (WDP)	*m^3 world-eq deprived*	2,69E+01	2,65E+01	3,21E-01	6,70E-02	0,00E+00	2,01E-02	-3,53E+00

ENVIRONMENTAL IMPACTS PER EQUIPMENT CORRESPONDING TO THE REFERENCE PRODUCT

OPTIONAL ENVIRONMENTAL IMPACT INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	TOTAL (module D excluded)	MANUFACTURING A1-A3	DISTRIBUTION A4	INSTALLATION A5	USE B1-B7	END OF LIFE C1-C4	BENEFITS AND CHARGES BEYOND THE SYSTEM'S BOUNDARIES D
Ecotoxicity (fresh water)	*CTUe*	3,60E+02	3,48E+02	8,12E+00	3,38E+00	0,00E+00	5,08E-01	-7,44E+01
Human toxicity, non-carcinogenic effects	*CTUh*	5,03E-07	4,59E-07	3,81E-08	3,72E-09	0,00E+00	2,39E-09	-1,01E-07
Human toxicity, carcinogenic effects	*CTUh*	5,25E-08	5,16E-08	7,15E-10	1,29E-10	0,00E+00	4,48E-11	-1,47E-08
Ionizing radiation, human health	*kBq U235-eq*	2,97E+00	2,85E+00	7,31E-02	4,00E-02	0,00E+00	4,57E-03	-2,83E-01
Emission of fine particles	*Disease incidence*	4,30E-06	3,95E-06	3,19E-07	7,76E-09	0,00E+00	2,00E-08	-1,19E-06
Impacts related to land use/soil quality	*Dimensionless*	3,04E+02	2,65E+02	3,63E+01	8,27E-01	0,00E+00	2,27E+00	-1,05E+02

INDICATORS DESCRIBING OUTPUT FLOWS

IMPACT CATEGORY	UNIT OF MEASUREMENT	TOTAL (module D excluded)	MANUFACTURING A1-A3	DISTRIBUTION A4	INSTALLATION A5	USE B1-B7	END OF LIFE C1-C4	BENEFITS AND CHARGES BEYOND THE SYSTEM'S BOUNDARIES D
Components for re-use (CRU)	*kg*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Exported electrical energy (EEE)	*MJ*	2,25E-01	0,00E+00	0,00E+00	2,25E-01	0,00E+00	0,00E+00	0,00E+00
Exported thermal energy (EET)	*MJ*	4,44E-01	0,00E+00	0,00E+00	4,44E-01	0,00E+00	0,00E+00	0,00E+00
Materials for energy recovery (MER)	*kg*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Materials for recycling (MFR)	*kg*	1,62E+00	1,62E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

ENVIRONMENTAL IMPACTS PER EQUIPMENT CORRESPONDING TO THE REFERENCE PRODUCT

INVENTORY FLOW INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	TOTAL (module D excluded)	MANUFACTURING A1-A3	DISTRIBUTION A4	INSTALLATION A5	USE B1-B7	END OF LIFE C1-C4	BENEFITS AND CHARGES BEYOND THE SYSTEM'S BOUNDARIES D
Total use of non renewable primary energy resources (PENRT)	*MJ*	9,01E+02	8,34E+02	6,05E+01	2,28E+00	0,00E+00	3,79E+00	-1,28E+02
Total use of renewable primary energy resources (PERT)	*MJ*	7,84E+01	7,69E+01	9,98E-01	3,93E-01	0,00E+00	6,25E-02	-2,40E+01
Use of net fresh water (FW)	*m^3*	5,95E-01	5,86E-01	7,40E-03	8,57E-04	0,00E+00	4,63E-04	-7,42E-02
Use of non renewable primary energy resources used as energy carrier (PENRE)	*MJ*	8,90E+02	8,20E+02	6,05E+01	6,52E+00	0,00E+00	3,79E+00	-1,28E+02
Use of non renewable primary energy resources used as raw materials (PENRM)	*MJ*	1,05E+01	1,47E+01	0,00E+00	-4,24E+00	0,00E+00	0,00E+00	0,00E+00
Use of non renewable secondary fuels (NRSF)	*MJ*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Use of renewable primary energy resources used as energy carrier (PERE)	*MJ*	5,70E+01	5,46E+01	9,98E-01	1,35E+00	0,00E+00	6,25E-02	-2,40E+01
Use of renewable primary energy resources used as raw materials (PERM)	*MJ*	2,14E+01	2,23E+01	0,00E+00	-9,55E-01	0,00E+00	0,00E+00	0,00E+00
Use of renewable secondary fuels (RSF)	*MJ*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Use of secondary materials (SM)	*kg*	3,65E+00	3,65E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

INDICATORS DESCRIBING CATEGORIES OF WASTE

Hazardous waste disposed (HWD)	*kg*	1,45E+01	1,44E+01	6,23E-02	1,21E-02	0,00E+00	3,90E-03	-3,78E+00
Non hazardous waste disposed (NHWD)	*kg*	6,76E+01	6,61E+01	6,66E-01	7,50E-01	0,00E+00	4,17E-02	-1,08E+01
Radioactive waste disposed (RWD)	*kg*	7,55E-04	7,26E-04	1,80E-05	1,03E-05	0,00E+00	1,13E-06	-7,13E-05

ENVIRONMENTAL IMPACTS PER EQUIPMENT CORRESPONDING TO THE REFERENCE PRODUCT

MANDATORY ENVIRONMENTAL IMPACT INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	USE PHASE	B1	B2	B3	B4	B5	B6	B7
Global Warming Potential - biogenic (GWP-biogenic)	*kg CO_2-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Global Warming Potential - fossil fuels (GWP-fossil)	*kg CO_2-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Global Warming Potential - land use and land use change (GWP-luluc)	*kg CO_2-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Global Warming Potential - total (GWP-total)	*kg CO_2-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Abiotic depletion potential - fossil resources (ADPF)	*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
Abiotic depletion potential - non-fossil resources (ADPE)	*kg Sb-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Acidification potential, Accumulated Exceedance (AP)	*mol H+-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Depletion potential of the stratospheric ozone layer (ODP)	*kg CFC-11-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Eutrophication potential - freshwater (EP-freshwater)	*kg P-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Eutrophication potential - marine (EP-marine)	*kg N-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Eutrophication potential - terrestrial (EP-terrestrial)	*mol N-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Photochemical Ozone Creation Potential (POCP)	*kg NMVOC-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Water (user) deprivation potential (WDP)	*m^3 world-eq deprived*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

ENVIRONMENTAL IMPACTS PER EQUIPMENT CORRESPONDING TO THE REFERENCE PRODUCT

OPTIONAL ENVIRONMENTAL IMPACT INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	USE PHASE	B1	B2	B3	B4	B5	B6	B7
Ecotoxicity (fresh water)	*CTUe*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Human toxicity, non-carcinogenic effects	*CTUh*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Human toxicity, carcinogenic effects	*CTUh*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Ionizing radiation, human health	*kBq U235-eq*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Emission of fine particles	*Disease incidence*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Impacts related to land use/soil quality	*Dimensionless*	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00

INDICATORS DESCRIBING OUTPUT FLOWS

IMPACT CATEGORY	UNIT OF MEASUREMENT	USE PHASE	B1	B2	B3	B4	B5	B6	B7
Components for re-use (CRU)	*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
Exported electrical energy (EEE)	*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
Exported thermal energy (EET)	*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
Materials for energy recovery (MER)	*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
Materials for recycling (MFR)	*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

ENVIRONMENTAL IMPACTS PER EQUIPMENT CORRESPONDING TO THE REFERENCE PRODUCT

INVENTORY FLOW INDICATORS

IMPACT CATEGORY	UNIT OF MEASUREMENT	USE PHASE	B1	B2	B3	B4	B5	B6	B7
Total use of non renewable primary energy resources (PENRT)	*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
Total use of renewable primary energy resources (PERT)	*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
Use of net fresh water (FW)	m^3	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Use of non renewable primary energy resources used as energy carrier (PENRE)	*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
Use of non renewable primary energy resources used as raw materials (PENRM)	*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
Use of non renewable secondary fuels (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
Use of renewable primary energy resources used as energy carrier (PERE)	*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
Use of renewable primary energy resources used as raw materials (PERM)	*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
Use of renewable secondary fuels (RSF)	*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
Use of secondary materials (SM)	*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

INDICATORS DESCRIBING CATEGORIES OF WASTE

IMPACT CATEGORY	UNIT OF MEASUREMENT	USE PHASE	B1	B2	B3	B4	B5	B6	B7
Hazardous waste disposed (HWD)	*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
Non hazardous waste disposed (NHWD)	*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
Radioactive waste disposed (RWD)	*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

EXTRAPOLATION FACTOR FOR HOMOGENEOUS ENVIRONMENTAL FAMILIES

The table reports the different configurations of the extrapolation coefficients for the homogeneous family and associated with the different life cycle phases. The homogeneous family includes the following models: LISA 22®, LISA 25®, CLAUDIA®, CLAUDIA® SQUARE, CLAUDIA® WIDE, CLAUDIA® ELITE, NAIKE ST, NAIKE SQUARE, ANNA, BELEN, ROBERTA, ANDREA, JACKY, YARA and DEBBY.
For the LISA 22® range, the extrapolation coefficients apply to all variants sharing the same production process, weight, wattage, and dimensions, regardless of the radiator's colour. This includes the White versions R01–RAL 9010 and R02–RAL 9016 Traffic White, T01 Matt Black, F53 Silver Look, T10 Matt Beige, T15 Tela, T20 White Grey, and the Curved White versions R01–RAL 9010 and R02–RAL 9016. All corresponding VIP versions and 50 mm centre distance versions are included.
For the LISA 25® range, the extrapolation coefficients extend to all variants with identical production process, weight, wattage, and dimension, regardless of the radiator's colours. This includes the White versions R01–RAL 9010 and R02–RAL 9016 Traffic White, T01 Matt Black, F53 Silver Look, and the Curved White versions R01–RAL 9010 and R02–RAL 9016. All corresponding VIP versions and 50 mm centre distance versions are included.
For the CLAUDIA® range, the extrapolation coefficients apply to all variants with the same production process, weight, wattage, and dimensions, regardless of the radiator's colour. This includes the 50 mm centre distance versions and the lateral connection versions, as well as the CLAUDIA® Elite models.

These coefficients are calculated in accordance with PCR-ed4-EN-2021 09 06 and PSR-0011-ed2.0 EN-2023 06 06 and are provided for the impact of the functional unit, i.e., the emission of 1 kW of heat. For each life cycle phase, the product impacts are calculated by multiplying the impacts of the declaration corresponding to the reference product by the extrapolation coefficient. The "total" column must be calculated by summing the environmental impacts of each life cycle phase.

EXTRAPOLATION COEFFICIENTS

Homogeneous Family Products		Pipe centres 50 mm	Dimension (mm)	Output (W)	Product weight including packaging (kg)	Mass packaging (kg)	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End of Life C1-C4	Benefits and charges beyond the system's boundaries D
LISA® 22	3551646101077	3551646101081	400x700	257	4,03	0,23	1,10	1,10	1,03	-	1,10	1,10
	3551646101001	3551646101021	450x700	282	4,24	0,24	1,05	1,05	0,99	-	1,06	1,05
	3551646101002	3551646101022	500x700	306	4,56	0,26	1,04	1,04	0,98	-	1,05	1,04
	3551646101003	3551646101023	550x700	330	4,88	0,28	1,03	1,03	0,97	-	1,04	1,03
	3551646101004	3551646101024	600x750	355	5,20	0,30	1,02	1,02	0,96	-	1,03	1,02
	3551646101133	3551646101137	750x700	427	6,05	0,35	0,99	0,99	0,93	-	0,99	0,99
	3551646101078	3551646101082	400x1160	408	6,37	0,37	1,09	1,09	1,03	-	1,09	1,09
	3551646101005	3551646101025	450x1160	448	6,79	0,39	1,06	1,06	1,00	-	1,06	1,06
	3551646101006	3551646101026	500x1160	487	7,22	0,42	1,04	1,04	0,97	-	1,04	1,04
	3551646101007	3551646101027	550x1160	526	7,64	0,44	1,01	1,01	0,96	-	1,02	1,01
	3551646101008	3551646101028	600x1160	565	8,06	0,46	1,00	1,00	0,94	-	1,00	1,00
	3551646101134	3551646101138	750x1160	683	9,44	0,54	0,97	0,97	0,91	-	0,97	0,97
	3551646101079	3551646101083	400x1385	509	7,75	0,45	1,06	1,06	1,00	-	1,07	1,06

EXTRAPOLATION COEFFICIENTS

Homogeneous Family Products		Pipe centres 50 mm	Dimension (mm)	Output (W)	Product weight including packaging (kg)	Mass packaging (kg)	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End of Life C1-C4	Benefits and charges beyond the system's boundaries D
LISA® 22	3551646101009	3551646101029	450x1385	558	8,28	0,48	1,04	1,04	0,98	-	1,04	1,04
	3551646101010	3551646101030	500x1385	606	8,81	0,51	1,02	1,02	0,96	-	1,02	1,02
	3551646101011	3551646101031	550x1385	655	9,34	0,54	1,00	1,00	0,94	-	1,00	1,00
	3551646101012	3551646101032	600x1385	703	9,87	0,57	0,98	0,98	0,92	-	0,98	0,98
	3551646101135	3551646101139	750x1385	849	11,57	0,67	0,95	0,95	0,90	-	0,96	0,95
	3551646101080	3551646101084	400x1732	634	9,44	0,54	1,04	1,04	0,98	-	1,04	1,04
	3551646101013	3551646101033	450x1732	696	10,08	0,58	1,01	1,01	0,95	-	1,02	1,01
	3551646101014	3551646101034	500x1732	756	10,72	0,62	0,99	0,99	0,93	-	0,99	0,99
	3551646101015	3551646101035	550x1732	817	11,46	0,66	0,98	0,98	0,92	-	0,98	0,98
	3551646101016	3551646101036	600x1732	878	12,10	0,70	0,96	0,96	0,91	-	0,97	0,96
	3551646101136	3551646101140	**750x1732**	**1062**	**15,20**	**0,93**	**1,00**	**1,00**	**1,00**	**-**	**1,00**	**1,00**
LISA® 25	3551586100201	3551586100251	400x760	317	5,41	0,31	1,19	1,19	1,12	-	1,20	1,19
	3551586100202	3551586100252	450x760	348	5,94	0,34	1,19	1,19	1,12	-	1,20	1,19
	3551586100203	3551586100253	500x760	379	6,37	0,37	1,17	1,17	1,10	-	1,18	1,17
	3551586100204	3551586100254	550x760	410	6,79	0,39	1,16	1,16	1,09	-	1,16	1,16
	3551586100205	3551586100255	600x760	441	7,32	0,42	1,16	1,16	1,09	-	1,16	1,16
	3551586100206	3551586100256	750x760	534	8,70	0,50	1,14	1,14	1,07	-	1,14	1,14
	3551586100207	3551586100257	1000x760	712	11,04	0,64	1,08	1,08	1,02	-	1,09	1,08
	3551586100208	3551586100258	400x980	388	6,68	0,38	1,20	1,20	1,13	-	1,21	1,20
	3551586100209	3551586100259	450x980	427	7,22	0,42	1,18	1,18	1,11	-	1,19	1,18
	3551586100210	3551586100260	500x980	466	7,85	0,45	1,18	1,18	1,11	-	1,18	1,18
	3551586100211	3551586100261	550x980	505	8,38	0,48	1,16	1,16	1,09	-	1,16	1,16
	3551586100212	3551586100262	600x980	543	8,91	0,51	1,15	1,15	1,08	-	1,15	1,15
	3551586100213	3551586100263	750x980	660	10,61	0,61	1,12	1,12	1,06	-	1,13	1,12
	3551586100214	3551586100264	1000x980	880	13,48	0,78	1,07	1,07	1,01	-	1,07	1,07
	3551586100215	3551586100265	400x1160	449	8,06	0,46	1,25	1,25	1,18	-	1,26	1,25
	3551586100216	3551586100266	450x1160	494	8,70	0,50	1,23	1,23	1,16	-	1,24	1,23
	3551586100217	3551586100267	500x1160	539	9,44	0,54	1,22	1,22	1,15	-	1,23	1,22
	3551586100218	3551586100268	550x1160	585	10,08	0,58	1,20	1,20	1,13	-	1,21	1,20
	3551586100219	3551586100269	600x1160	630	10,82	0,62	1,20	1,20	1,13	-	1,20	1,20

EXTRAPOLATION COEFFICIENTS

Homogeneous Family Products		Pipe centres 50 mm	Dimension (mm)	Output (W)	Product weight including packaging (kg)	Mass packaging (kg)	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End of Life C1-C4	Benefits and charges beyond the system's boundaries D
LISA® 25	3551586100220	3551586100270	750x1160	766	12,84	0,74	1,17	1,17	1,10	-	1,18	1,17
	3551586100221	3551586100271	1000x1160	1021	16,34	1,12	1,12	1,05	1,12	-	1,12	1,12
	3551586100222	3551586100272	400x1411	541	9,97	1,29	1,29	1,21	1,29	-	1,29	1,29
	3551586100223	3551586100273	450x1411	596	10,82	1,27	1,27	1,19	1,27	-	1,27	1,27
	3551586100224	3551586100274	500x1411	651	11,78	1,26	1,26	1,19	1,27	-	1,27	1,26
	3551586100225	3551586100275	550x1411	706	12,63	1,25	1,25	1,18	1,25	-	1,25	1,25
	3551586100226	3551586100276	600x1411	762	13,48	1,24	1,24	1,16	1,24	-	1,24	1,24
	3551586100227	3551586100277	750x1411	927	16,13	1,22	1,22	1,14	1,22	-	1,22	1,22
	3551586100228	3551586100278	1000x1411	1236	20,48	1,16	1,16	1,09	1,16	-	1,16	1,16
	3551586100229	3551586100279	400x1600	615	10,93	1,24	1,24	1,17	1,25	-	1,25	1,24
	3551586100230	3551586100280	450x1600	679	11,88	1,22	1,22	1,15	1,23	-	1,23	1,22
	3551586100231	3551586100281	500x1600	742	12,84	1,21	1,21	1,14	1,21	-	1,21	1,21
	3551586100232	3551586100282	550x1600	805	13,79	1,20	1,20	1,13	1,20	-	1,20	1,20
	3551586100233	3551586100283	600x1600	869	14,75	1,19	1,19	1,12	1,19	-	1,19	1,19
	3551586100234	3551586100284	750x1600	1058	17,51	1,16	1,16	1,09	1,16	-	1,16	1,16
	3551586100235	3551586100285	1000x1600	1411	22,28	1,10	1,10	1,04	1,11	-	1,11	1,10
	3551586100236	3551586100286	400x1775	691	12,31	0,71	1,24	1,24	1,17	-	1,25	1,24
	3551586100237	3551586100287	450x1775	761	13,37	0,77	1,23	1,23	1,16	-	1,23	1,23
	3551586100238	3551586100288	500x1775	832	14,43	0,83	1,21	1,21	1,14	-	1,22	1,21
	3551586100239	3551586100289	550x1775	903	15,49	0,89	1,20	1,20	1,13	-	1,20	1,20
	3551586100240	3551586100290	600x1775	974	16,55	0,95	1,19	1,19	1,12	-	1,19	1,19
	3551586100241	3551586100291	750x1775	1187	19,74	1,14	1,16	1,16	1,09	-	1,17	1,16
	3551586100242	3551586100292	1000x1775	1583	25,04	1,44	1,11	1,11	1,04	-	1,11	1,11
CLAUDIA®	3551356100025	3551356101025	400x763	316	5,41	0,31	1,20	1,20	1,13	-	1,20	1,20
	3551356100001	3551356101001	450x763	349	5,84	0,34	1,17	1,17	1,10	-	1,17	1,17
	3551356100004	3551356101004	500x763	389	6,37	0,37	1,14	1,14	1,08	-	1,15	1,14
	3551356100008	3551356101008	550x763	430	6,90	0,40	1,12	1,12	1,05	-	1,12	1,12
	3551356100011	3551356101011	600x763	470	7,32	0,42	1,09	1,09	1,02	-	1,09	1,09
	3551356100015	3551356101015	750x763	591	8,81	0,51	1,04	1,04	0,98	-	1,05	1,04
	3551356100019	3551356101019	1000x763	792	11,14	0,64	0,98	0,98	0,93	-	0,99	0,98

EXTRAPOLATION COEFFICIENTS

Homogeneous Family Products		Pipe centres 50 mm	Dimension (mm)	Output (W)	Product weight including packaging (kg)	Mass packaging (kg)	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End of Life C1-C4	Benefits and charges beyond the system's boundaries D
CLAUDIA®	3551356100026	3551356101026	400x1195	478	8,38	0,48	1,23	1,23	1,15	-	1,23	1,23
	3551356100002	3551356101002	450x1195	534	9,13	0,53	1,19	1,19	1,12	-	1,20	1,19
	3551356100005	3551356101005	500x1195	595	9,87	0,57	1,16	1,16	1,09	-	1,16	1,16
	3551356100009	3551356101009	550x1195	656	10,50	0,60	1,12	1,12	1,05	-	1,12	1,12
	3551356100012	3551356101012	600x1195	716	11,25	0,65	1,10	1,10	1,03	-	1,10	1,10
	3551356100016	3551356101016	750x1195	899	13,48	0,78	1,05	1,05	0,99	-	1,05	1,05
	3551356100020	3551356101020	1000x1195	1202	17,19	0,99	1,00	1,00	0,94	-	1,00	1,00
	3551356100027	3551356101027	400x1411	583	9,97	0,57	1,20	1,20	1,12	-	1,20	1,20
	3551356100023	3551356101023	450x1411	648	10,82	0,62	1,17	1,17	1,10	-	1,17	1,17
	3551356100006	3551356101006	500x1411	719	11,78	0,68	1,14	1,14	1,08	-	1,15	1,14
	3551356100024	3551356101024	550x1411	791	12,63	0,73	1,12	1,12	1,05	-	1,12	1,12
	3551356100013	3551356101013	600x1411	862	13,48	0,78	1,09	1,09	1,03	-	1,10	1,09
	3551356100017	3551356101017	750x1411	1077	16,23	0,93	1,05	1,05	0,99	-	1,06	1,05
	3551356100021	3551356101021	1000x1411	1434	20,59	1,19	1,00	1,00	0,94	-	1,01	1,00
	3551356100028	3551356101028	400x1807	753	12,63	0,73	1,17	1,17	1,10	-	1,18	1,17
	3551356100003	3551356101003	450x1807	821	13,79	0,79	1,17	1,17	1,10	-	1,18	1,17
	3551356100007	3551356101007	500x1807	907	14,86	0,86	1,14	1,14	1,08	-	1,15	1,14
	3551356100010	3551356101010	550x1807	992	16,02	0,92	1,13	1,13	1,06	-	1,13	1,13
	3551356100014	3551356101014	600x1807	1077	17,08	0,98	1,11	1,11	1,04	-	1,11	1,11
	3551356100018	3551356101018	750x1807	1333	20,48	1,18	1,07	1,07	1,01	-	1,08	1,07
	3551356100022	3551356101022	1000x1807	1760	26,00	1,50	1,03	1,03	0,97	-	1,04	1,03
CLAUDIA® SQUARE	3551356100301	3551356100309	490x775	431	7,75	0,45	1,26	1,26	1,18	-	1,26	1,26
	3551356100305	3551356100313	540x775	471	8,38	0,48	1,24	1,24	1,17	-	1,25	1,24
	3551356100302	3551356100310	490x1207	673	11,67	0,67	1,21	1,21	1,14	-	1,22	1,21
	3551356100306	3551356100314	540x1207	738	12,52	0,72	1,19	1,19	1,12	-	1,19	1,19
	3551356100303	3551356100311	490x1423	801	13,69	0,79	1,19	1,19	1,12	-	1,20	1,19
	3551356100307	3551356100315	540x1423	876	14,64	0,84	1,17	1,17	1,10	-	1,17	1,17
	3551356100304	3551356100312	490x1819	990	16,98	0,98	1,20	1,20	1,13	-	1,20	1,20
	3551356100308	3551356100316	540x1819	1081	18,25	1,05	1,18	1,18	1,11	-	1,18	1,18
CLAUDIA® WIDE	3551356100101	-	1200x440	471	6,47	0,37	0,96	0,96	0,90	-	0,96	0,96

EXTRAPOLATION COEFFICIENTS

Homogeneous Family Products		Pipe centres 50 mm	Dimension (mm)	Output (W)	Product weight including packaging (kg)	Mass packaging (kg)	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End of Life C1-C4	Benefits and charges beyond the system's boundaries D
CLAUDIA® WIDE	3551356100103	-	1400x440	558	7,32	0,42	0,92	0,92	0,86	-	0,92	0,92
	3551356100102	-	1200x620	712	9,87	0,57	0,97	0,97	0,91	-	0,97	0,97
	3551356100104	-	1400x620	837	11,25	0,65	0,94	0,94	0,88	-	0,94	0,94
CLAUDIA® ELITE	3551356100211	-	450x763	349	8,38	0,48	1,68	1,68	1,58	-	1,68	1,68
	3551356100215	-	500x763	389	8,59	0,49	1,54	1,54	1,45	-	1,55	1,54
	3551356100212	-	450x1195	534	11,86	0,68	1,55	1,55	1,46	-	1,56	1,55
	3551356100216	-	500x1195	595	12,54	0,72	1,47	1,47	1,39	-	1,48	1,47
	3551356100220	-	550x1195	656	13,66	0,79	1,45	1,45	1,37	-	1,46	1,45
	3551356100224	-	600x1195	716	14,43	0,83	1,41	1,41	1,33	-	1,41	1,41
	3551356100213	-	450x1411	648	13,80	0,79	1,49	1,49	1,40	-	1,49	1,49
	3551356100217	-	500x1411	719	14,72	0,85	1,43	1,43	1,35	-	1,44	1,43
	3551356100221	-	550x1411	791	16,02	0,92	1,42	1,42	1,33	-	1,42	1,42
	3551356100225	-	600x1411	862	17,02	0,98	1,38	1,38	1,30	-	1,39	1,38
	3551356100214	-	450x1807	821	17,43	1,00	1,48	1,48	1,40	-	1,49	1,48
	3551356100218	-	500x1807	907	18,60	1,07	1,43	1,43	1,35	-	1,44	1,43
	3551356100222	-	550x1807	992	19,86	1,14	1,40	1,40	1,32	-	1,40	1,40
	3551356100226	-	600x1807	1077	21,04	1,21	1,36	1,36	1,28	-	1,37	1,36
NAIKE ST	3551826102116	3551826102136	430X965	376	7,74	0,50	1,44	1,44	1,53	-	1,63	1,44
	3551826102117	3551826102137	480X965	409	8,20	0,53	1,40	1,40	1,49	-	1,59	1,40
	3551826102118	3551826102138	530X965	443	8,76	0,57	1,38	1,38	1,47	-	1,57	1,38
	3551826102119	3551826102139	580X965	477	9,32	0,61	1,37	1,37	1,45	-	1,55	1,37
	3551826102120	3551826102140	630X965	510	9,84	0,64	1,35	1,35	1,43	-	1,53	1,35
	3551826102121	3551826102141	430X1245	477	9,55	0,62	1,40	1,40	1,49	-	1,59	1,40
	3551826102122	3551826102142	480X1245	520	10,31	0,67	1,39	1,39	1,47	-	1,57	1,39
	3551826102123	3551826102143	530X1245	563	11,03	0,72	1,37	1,37	1,46	-	1,55	1,37
	3551826102124	3551826102144	580X1245	606	11,74	0,76	1,35	1,35	1,44	-	1,54	1,35
	3551826102125	3551826102145	630X1245	649	12,40	0,81	1,33	1,33	1,42	-	1,51	1,33
	3551826102126	3551826102146	430X1525	579	11,83	0,77	1,43	1,43	1,52	-	1,62	1,43
	3551826102127	3551826102147	480X1525	632	12,76	0,83	1,41	1,41	1,50	-	1,60	1,41
	3551826102128	3551826102148	530X1525	685	13,63	0,89	1,39	1,39	1,48	-	1,58	1,39

EXTRAPOLATION COEFFICIENTS

Homogeneous Family Products		Pipe centres 50 mm	Dimension (mm)	Output (W)	Product weight including packaging (kg)	Mass packaging (kg)	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End of Life C1-C4	Benefits and charges beyond the system's boundaries D
NAIKE ST	3551826102129	3551826102149	580X1525	738	14,50	0,94	1,37	1,37	1,46	-	1,56	1,37
	3551826102130	3551826102150	630X1525	790	15,30	1,00	1,35	1,35	1,44	-	1,53	1,35
	3551826102131	3551826102151	430X1805	684	11,85	0,77	1,21	1,21	1,29	-	1,37	1,21
	3551826102132	3551826102152	480X1805	747	14,86	0,97	1,39	1,39	1,48	-	1,58	1,39
	3551826102133	3551826102153	530X1805	810	15,89	1,03	1,37	1,37	1,46	-	1,55	1,37
	3551826102134	3551826102154	580X1805	874	16,41	1,07	1,31	1,31	1,40	-	1,49	1,31
	3551826102135	3551826102155	630X1805	937	17,85	1,16	1,33	1,33	1,42	-	1,51	1,33
NAIKE SQUARE	3551826102021	3551826102029	480x760	350	7,43	0,43	1,48	1,48	1,40	-	1,49	1,48
	3551826102025	3551826102033	530x760	381	8,06	0,46	1,48	1,48	1,39	-	1,48	1,48
	3551826102005	3551826102015	580x760	412	8,70	0,50	1,48	1,48	1,39	-	1,48	1,48
	3551826102022	3551826102030	480x1040	459	9,76	0,56	1,49	1,49	1,40	-	1,49	1,49
	3551826102026	3551826102034	530x1040	499	10,61	0,61	1,49	1,49	1,40	-	1,49	1,49
	3551826102006	3551826102016	580x1040	538	11,46	0,66	1,49	1,49	1,40	-	1,49	1,49
	3551826102002	3551826102012	480x1320	568	12,10	0,70	1,49	1,49	1,40	-	1,49	1,49
	3551826102004	3551826102014	530x1320	617	13,16	0,76	1,49	1,49	1,40	-	1,50	1,49
	3551826102008	3551826102018	580x1320	667	14,11	0,81	1,48	1,48	1,39	-	1,48	1,48
	3551826102023	3551826102031	480x1600	679	14,54	0,84	1,50	1,50	1,41	-	1,50	1,50
	3551826102027	3551826102035	530x1320	739	15,70	0,90	1,48	1,48	1,40	-	1,49	1,48
	3551826102009	3551826102019	580x1320	799	16,87	0,97	1,48	1,48	1,39	-	1,48	1,48
	3551826102024	3551826102032	480x1880	793	16,87	0,97	1,49	1,49	1,40	-	1,49	1,49
	3551826102028	3551826102036	530x1880	864	18,25	1,05	1,48	1,48	1,39	-	1,48	1,48
	3551826102010	3551826102020	580x1880	936	19,63	1,13	1,47	1,47	1,38	-	1,47	1,47
ANNA	3551686100001	3551686100017	400X840	325	4,99	0,29	1,07	1,07	1,01	-	1,08	1,07
	3551686100005	3551686100021	450X840	358	5,41	0,31	1,06	1,06	0,99	-	1,06	1,06
	3551686100009	3551686100025	500X840	392	5,73	0,33	1,02	1,02	0,96	-	1,03	1,02
	3551686100041	3551686100033	550X840	426	6,15	0,35	1,01	1,01	0,95	-	1,01	1,01
	3551686100013	3551686100029	600X840	458	6,47	0,37	0,99	0,99	0,93	-	0,99	0,99
	3551686100045	3551686100037	750X840	573	7,64	0,44	0,93	0,93	0,88	-	0,94	0,93
	3551686100002	3551686100018	400X1160	429	6,79	0,39	1,11	1,11	1,04	-	1,11	1,11
	3551686100006	3551686100022	450X1160	472	7,32	0,42	1,08	1,08	1,02	-	1,09	1,08

EXTRAPOLATION COEFFICIENTS

Homogeneous Family Products		Pipe centres 50 mm	Dimension (mm)	Output (W)	Product weight including packaging (kg)	Mass packaging (kg)	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End of Life C1-C4	Benefits and charges beyond the system's boundaries D
ANNA	3551686100010	3551686100026	500X1160	515	7,75	0,45	1,05	1,05	0,99	-	1,05	1,05
	3551686100042	3551686100034	550X1160	557	8,28	0,48	1,04	1,04	0,98	-	1,04	1,04
	3551686100014	3551686100030	600X1160	600	8,81	0,51	1,03	1,03	0,97	-	1,03	1,03
	3551686100046	3551686100038	750X1160	728	10,29	0,59	0,99	0,99	0,93	-	0,99	0,99
	3551686100003	3551686100019	400X1454	534	8,49	0,49	1,11	1,11	1,05	-	1,11	1,11
	3551686100007	3551686100023	450X1454	586	9,13	0,53	1,09	1,09	1,02	-	1,09	1,09
	3551686100011	3551686100027	500X1454	639	9,76	0,56	1,07	1,07	1,00	-	1,07	1,07
	3551686100043	3551686100035	550X1454	692	10,29	0,59	1,04	1,04	0,98	-	1,04	1,04
	3551686100015	3551686100031	600X1454	744	11,04	0,64	1,04	1,04	0,98	-	1,04	1,04
	3551686100047	3551686100039	750X1454	902	12,84	0,74	0,99	0,99	0,94	-	1,00	0,99
	3551686100004	3551686100020	400X1775	660	10,29	0,59	1,09	1,09	1,03	-	1,09	1,09
	3551686100008	3551686100024	450X1775	725	11,04	0,64	1,06	1,06	1,00	-	1,07	1,06
	3551686100012	3551686100028	500X1775	789	11,78	0,68	1,04	1,04	0,98	-	1,05	1,04
	3551686100044	3551686100036	550X1775	855	12,41	0,71	1,01	1,01	0,95	-	1,02	1,01
	3551686100016	3551686100032	600X1775	919	13,16	0,76	1,00	1,00	0,94	-	1,00	1,00
	3551686100048	3551686100040	750X1775	1114	15,39	0,89	0,96	0,96	0,91	-	0,97	0,96
BELEN	3551650000100	3551650000120	400x700	258	4,03	0,23	1,09	1,09	1,03	-	1,10	1,09
	3551650000101	3551650000121	450x700	284	4,35	0,25	1,07	1,07	1,01	-	1,07	1,07
	3551650000102	3551650000122	500x700	311	4,67	0,27	1,05	1,05	0,99	-	1,05	1,05
	3551650000103	3551650000123	550x700	337	4,99	0,29	1,03	1,03	0,97	-	1,04	1,03
	3551650000104	3551650000124	600x700	364	5,31	0,31	1,02	1,02	0,96	-	1,02	1,02
	3551650000280	3551650000288	750x700	443	6,26	0,36	0,99	0,99	0,93	-	0,99	0,99
	3551650000281	3551650000289	1000x700	576	7,75	0,45	0,94	0,94	0,88	-	0,94	0,94
	3551650000105	3551650000125	400x1238	449	7,00	0,40	1,09	1,09	1,03	-	1,09	1,09
	3551650000106	3551650000126	450x1238	492	7,53	0,43	1,07	1,07	1,01	-	1,07	1,07
	3551650000107	3551650000127	500x1238	534	8,06	0,46	1,06	1,06	0,99	-	1,06	1,06
	3551650000108	3551650000128	550x1238	577	8,49	0,49	1,03	1,03	0,97	-	1,03	1,03
	3551650000109	3551650000129	600x1238	619	9,02	0,52	1,02	1,02	0,96	-	1,02	1,02
	3551650000282	3551650000290	750x1238	747	10,50	0,60	0,98	0,98	0,92	-	0,99	0,98
	3551650000283	3551650000291	1000X1238	959	13,05	0,75	0,95	0,95	0,89	-	0,95	0,95

EXTRAPOLATION COEFFICIENTS

Homogeneous Family Products		Pipe centres 50 mm	Dimension (mm)	Output (W)	Product weight including packaging (kg)	Mass packaging (kg)	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End of Life C1-C4	Benefits and charges beyond the system's boundaries D
BELEN	3551650000110	3551650000130	400x1496	529	8,49	0,49	1,12	1,12	1,06	-	1,13	1,12
	3551650000111	3551650000131	450x1496	582	9,02	0,52	1,08	1,08	1,02	-	1,09	1,08
	3551650000112	3551650000132	500x1496	635	9,66	0,56	1,06	1,06	1,00	-	1,07	1,06
	3551650000113	3551650000133	550x1496	689	10,29	0,59	1,04	1,04	0,98	-	1,05	1,04
	3551650000114	3551650000134	600x1496	742	10,93	0,63	1,03	1,03	0,97	-	1,03	1,03
	3551650000284	3551650000292	750x1496	902	12,73	0,73	0,99	0,99	0,93	-	0,99	0,99
	3551650000285	3551650000293	1000X1496	1168	15,60	0,90	0,93	0,93	0,88	-	0,94	0,93
	3551650000115	3551650000135	400x1775	633	9,97	0,57	1,10	1,10	1,04	-	1,11	1,10
	3551650000116	3551650000136	450x1775	696	10,61	0,61	1,07	1,07	1,00	-	1,07	1,07
	3551650000117	3551650000137	500x1775	758	11,35	0,65	1,05	1,05	0,98	-	1,05	1,05
	3551650000118	3551650000138	550x1775	820	12,10	0,70	1,03	1,03	0,97	-	1,03	1,03
	3551650000119	3551650000139	600x1775	883	12,84	0,74	1,02	1,02	0,96	-	1,02	1,02
	3551650000286	3551650000294	750x1775	1070	14,96	0,86	0,98	0,98	0,92	-	0,98	0,98
	3551650000287	3551650000295	1000X1775	1382	18,29	1,05	0,92	0,92	0,87	-	0,93	0,92
ROBERTA	3551650000200	3551650000220	400x700	253	3,82	0,22	1,05	1,05	0,99	-	1,06	1,05
	3551650000201	3551650000221	450x700	277	4,14	0,24	1,04	1,04	0,98	-	1,05	1,04
	3551650000202	3551650000222	500x700	301	4,35	0,25	1,01	1,01	0,95	-	1,01	1,01
	3551650000203	3551650000223	550x700	324	4,67	0,27	1,01	1,01	0,95	-	1,01	1,01
	3551650000204	3551650000224	600x700	348	4,88	0,28	0,98	0,98	0,92	-	0,98	0,98
	3551650000304	3551650000308	750x700	419	5,73	0,33	0,96	0,96	0,90	-	0,96	0,96
	3551650000205	3551650000225	400x1238	430	6,58	0,38	1,07	1,07	1,01	-	1,07	1,07
	3551650000206	3551650000226	450x1238	472	7,11	0,41	1,05	1,05	0,99	-	1,06	1,05
	3551650000207	3551650000227	500x1238	514	7,53	0,43	1,02	1,02	0,96	-	1,03	1,02
	3551650000208	3551650000228	550x1238	556	7,96	0,46	1,00	1,00	0,94	-	1,00	1,00
	3551650000209	3551650000229	600x1238	598	8,38	0,48	0,98	0,98	0,92	-	0,98	0,98
	3551650000305	3551650000309	750x1238	724	9,76	0,56	0,94	0,94	0,89	-	0,95	0,94
	3551650000210	3551650000230	400x1496	553	7,96	0,46	1,01	1,01	0,95	-	1,01	1,01
	3551650000211	3551650000231	450x1496	582	8,49	0,49	1,02	1,02	0,96	-	1,02	1,02
	3551650000212	3551650000232	500x1496	631	9,02	0,52	1,00	1,00	0,94	-	1,00	1,00
	3551650000213	3551650000233	550x1496	679	9,55	0,55	0,98	0,98	0,92	-	0,99	0,98

EXTRAPOLATION COEFFICIENTS

Homogeneous Family Products		Pipe centres 50 mm	Dimension (mm)	Output (W)	Product weight including packaging (kg)	Mass packaging (kg)	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End of Life C1-C4	Benefits and charges beyond the system's boundaries D
ROBERTA	3551650000214	3551650000234	600x1496	728	10,08	0,58	0,97	0,97	0,91	-	0,97	0,97
	3551650000306	3551650000310	750x1496	875	11,67	0,67	0,93	0,93	0,88	-	0,94	0,93
	3551650000215	3551650000235	400x1775	633	9,34	0,54	1,03	1,03	0,97	-	1,03	1,03
	3551650000216	3551650000236	450x1775	689	9,97	0,57	1,01	1,01	0,95	-	1,02	1,01
	3551650000217	3551650000237	500x1775	745	10,61	0,61	1,00	1,00	0,94	-	1,00	1,00
	3551650000218	3551650000238	550x1775	802	11,25	0,65	0,98	0,98	0,92	-	0,98	0,98
	3551650000219	3551650000239	600x1775	858	11,88	0,68	0,97	0,97	0,91	-	0,97	0,97
	3551650000307	3551650000311	750x1775	1027	13,69	0,79	0,93	0,93	0,88	-	0,93	0,93
ANDREA	3551776100001	-	500X990	390	11,88	0,68	2,13	2,13	2,00	-	2,14	2,13
	3551776100002	-	500X1200	439	15,80	0,91	2,51	2,51	2,37	-	2,52	2,51
	3551776100003	-	500X1410	489	18,70	1,08	2,67	2,67	2,51	-	2,68	2,67
JACKY	3551776101001	-	500X1260	566	18,06	1,04	2,23	2,23	2,10	-	2,24	2,23
	3551776101002	-	500X1520	654	21,54	1,24	2,30	2,30	2,17	-	2,31	2,30
	3551776101003	-	500X1780	741	24,41	1,41	2,30	2,30	2,17	-	2,31	2,30
YARA	3551436101001	-	500X988	465	14,97	0,86	2,25	2,25	2,12	-	2,26	2,25
	3551436101002	-	500X1168	557	17,48	1,01	2,19	2,19	2,06	-	2,20	2,19
	3551436101003	-	500X1348	613	20,43	1,18	2,33	2,33	2,19	-	2,34	2,33
DEBBY	3551436100000	-	500X688	312	11,21	0,65	2,51	2,51	2,36	-	2,52	2,51
	3551436100001	-	500X868	390	11,46	0,66	2,05	2,05	1,93	-	2,06	2,05
	3551436100002	-	500X1228	504	19,02	1,10	2,64	2,64	2,48	-	2,65	2,64
	3551436100003	-	500X1408	548	21,08	1,21	2,69	2,69	2,53	-	2,70	2,69

Hot water radiators braze welded

CORDIVARI

6,93E+01 kg CO_2 eq.
Global Warming*

9,22E+02 MJ
Total use of primary energy*

4,11E-04 kg Sb-eq.
Depletion of abiotic resources*

5,60E-01 m^3
Net use of fresh water*

*Results based on the lifecycle analysis per kW corresponding to the functional unit

PEP ecopassport

Extract from collective PEP ecopassport n° CORD-00002-V01.03-EN
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