



NZM1 Molded Case Circuit Breaker (IEC) With Thermo-Magnetic Trip Unit

Representative product	NZMN1-4-A160 (Y7-281251) Product Category: Circuit Breakers
Description of the product	Eaton Moeller series NZM molded case circuit breaker with Thermo-Magnetic trip unit is designed to protect the installation from overload and short circuits. It is used in unearthed supply systems up to 690 V. It comes with Thermo-Magnetic Trip Unit
Homogeneous Environmental Families Covered	The PEP concerns following product offerings from Eaton Moeller series NZM molded case circuit breaker with Thermo-Magnetic Trip Unit as mentioned below: • Series: NZM Circuit Breaker • Switching Capacity: H (High), L (Limiter), N (Normal), S (Strong) • Rated Current – 20 A ,25 A ,32 A ,40 A ,50 A ,63 A ,80 A ,125 A ,160 A • No. of Poles: 3, 4
Functional unit	‘Protect the installation from overloads and short circuits in a circuit with rated voltage 690V, rated current 160A, with 4 poles, a rated breaking capacity 10kA, and IP20 Rating, in the Industrial application area, according to the appropriate use scenario, and during the reference service life of the product of 20 years.’
Company information	Eaton Electro Productie s.r.l, Independentei 8, Sarbi, Romania, 437157 Email: productstewardship-es@eaton.com

Constituent Materials			
Reference product mass	1.51E+00 Kg (With packaging)		
Category PEP Material	Material constituent	Mass (kg)	% Contribution
Metals	Steel	3.47E-01	23.0%
Metals	Copper	2.97E-01	19.7%
Plastics	Polyamide 6.6 with 30%Glass fiber	2.84E-01	18.8%
Plastics	Unsaturated Polyester Resin	1.60E-01	10.6%
Plastics	Polycarbonate	1.35E-01	8.9%
Plastics	Polyphenylene Sulphide with 40% Glass fiber	9.26E-02	6.1%
Other	Cardboard	4.45E-02	2.9%
Metals	Ferro nickel	3.58E-02	2.4%
Other	Wood	2.92E-02	1.9%
Metals	Stainless Steel	1.99E-02	1.3%
Plastics	Polyamide 6.6	1.91E-02	1.3%
Metals	Silver	1.39E-02	0.9%
Other	Paper	1.10E-02	0.7%
Plastics	Polybutylene Terephthalate with 30% Glass Fiber	6.00E-03	0.4%
Metals	Brass	3.60E-03	0.2%
Other	Miscellaneous	9.14E-03	0.6%
Total		1.51E+00	100.0%

Substance Assessment

The representative product is compliant with the EU-RoHS Directive (2011/65/EU) with exemption and the product does contain lead and Perfluoro butane sulfonic acid (PFBS) and its salts, Bisphenol A and 4-tert-butylphenol as substance listed as Substance-of-Very-High-Concern (SVHC) on the Candidate List of the EU-REACH Regulation (1907/2006/EC).

Additional Environmental Information

Manufacturing	The reference product is assembled at an Eaton plant Sarbi, Romania holding management system certifications according to ISO 14001 standards.
Distribution	Eaton is committed to minimizing weight and volume of product and packaging with focus to optimize transport efficiency.
Installation	The installation process does not require any energy consumption and there is no waste other than the obsolete product packaging generated during this step.
Use	The product requires energy consumption during operation.
End of life	The recyclability rate of the overall product is 75.52% if it is properly dismantled prior to shredding. The rate is calculated based on "ECO'DEEE recyclability and recoverability calculation method" (version V1, 20 Sep. 2008 presented to the French Agency for Environment and Energy Management: ADEME).

Environmental Impacts	
The calculation of the environmental impacts is the result of the Product's Life Cycle Analysis in accordance with ISO 14040/44, covering the entire lifecycle, i.e., "Cradle-to-Grave" including the following life cycle phases: production, distribution, installation, use and end of life. System modelling was carried out using the commercial LCA software EIME v6.2.3 with database version CODDE-2024-04-Updated on 2024-06-04. Indicators Set: PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0	
Manufacturing Phase	The product is assembled as well as packed at Eaton facility Eaton Electro Productie s.r.l, Independentei 8, Sarbi, Romania plant. 1837 km by lorry of 27t capacity from Eaton Plant to Distribution centre in Rheinbach, Germany Energy model used: Romania
Distribution Phase	Distribution of the product in its packaging from the Eaton's last logistics platform to the installation place in Europe is considered as per PCR rules.
Installation Phase	Product is installed in Europe. Installation of product and treatment of packaging waste are considered in this phase. There is no energy consumption for reference product. Energy model used: Europe
Use Phase	Reference lifetime: 20 Years Usage profile: The product has power loss of 36.1W at full load condition. For Industrial applications considering 50% of the loading rate and 30% of the use time rate, total losses are 474.354 kWh over the 20 years. Product do not require any maintenance/replacement during useful life. Industrial application is considered as per PSR-0005 section 3.2.2. Energy model used: Europe
End of life Phase	Product disposed with WEEE guidelines. Energy model used: Europe
Module-D	Module D is calculated according to PCR-ed4-EN-2021 09 06 based on the materials recycled and the modelled end-of-life scenario. It expresses the net benefits and loads beyond the boundaries of the system and are not to be included in the life cycle totals.

Environmental Impact Indicators: Mandatory

Mandatory environmental impact indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B6 - Operational energy use	C1-C4 - End of life	D - Benefits and loads beyond the system boundaries
Climate change – total (GWP)	kg CO2 eq.	1.82E+02	1.19E+01	3.60E-01	2.26E-01	1.67E+02	1.92E+00	-6.25E+00
Climate change - fossil fuels (GWP-f)	kg CO2 eq.	1.81E+02	1.19E+01	3.60E-01	8.94E-02	1.67E+02	1.87E+00	-6.25E+00
Climate change – biogenics (GWP-b)	kg CO2 eq.	5.13E-01	1.06E-02	0.00E+00	1.37E-01	3.08E-01	5.83E-02	3.99E-03
Climate change - land use and land use transformation (GWP-lu)	kg CO2 eq.	1.88E-04	1.87E-04	0.00E+00	0.00E+00	0.00E+00	9.76E-07	-1.71E-04
Ozone depletion (ODP)	kg eq. CFC-11	1.72E-06	8.45E-07	5.52E-10	3.28E-09	8.10E-07	6.14E-08	-4.20E-07
Acidification (AP)	mole of H+ eq.	1.00E+00	1.33E-01	2.28E-03	2.78E-04	8.57E-01	1.29E-02	-7.41E-02

Mandatory environmental impact indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B6 - Operational energy use	C1-C4 - End of life	D - Benefits and loads beyond the system boundaries
Freshwater eutrophication (EP-fw)	kg P eq.	3.07E-03	7.92E-04	1.35E-07	8.64E-07	4.40E-04	1.83E-03	-3.14E-05
Marine aquatic eutrophication (EP-m)	kg of N eq.	1.19E-01	1.21E-02	1.07E-03	9.62E-05	1.04E-01	1.61E-03	-6.08E-03
Terrestrial eutrophication (EP-t)	mole of N eq.	1.83E+00	1.21E-01	1.17E-02	7.38E-04	1.68E+00	2.01E-02	-5.33E-02
Photochemical ozone formation (POCP)	kg of NMVOC eq.	3.79E-01	4.16E-02	2.96E-03	1.87E-04	3.28E-01	5.66E-03	-1.95E-02
Depletion of abiotic resources – elements (ADPe)	kg eq. Sb	2.00E-02	1.99E-02	1.42E-08	6.68E-09	5.91E-05	5.93E-05	-7.63E-03
Depletion of abiotic resources - fossil fuels (ADP-f)	MJ	4.56E+03	2.41E+02	5.02E+00	7.57E-01	4.22E+03	8.86E+01	-1.07E+02
Water scarcity (WDP)	m3 of eq.. deprivation worldwide	2.46E+01	9.83E+00	1.37E-03	2.27E-02	1.28E+01	1.98E+00	-6.07E+00

Inventory Flow Indicators: Mandatory

Inventory flow indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B6 - Operational energy use	C1-C4 - End of life	D - Benefits and loads beyond the system boundaries
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	MJ	1.13E+03	1.40E+01	6.70E-03	4.76E-01	1.12E+03	2.54E+00	-4.70E+00
Use of renewable primary energy resources used as raw materials	MJ	2.36E+00	2.36E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-9.72E-01
Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	1.14E+03	1.64E+01	6.70E-03	4.76E-01	1.12E+03	2.54E+00	-5.67E+00
Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	MJ	4.54E+03	2.24E+02	5.02E+00	7.57E-01	4.22E+03	8.86E+01	-9.65E+01
Use of non-renewable primary energy resources used as raw materials	MJ	1.76E+01	1.76E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.05E+01
Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	4.56E+03	2.41E+02	5.02E+00	7.57E-01	4.22E+03	8.86E+01	-1.07E+02
Use of secondary materials	kg	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	MJ	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	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Net use of fresh water	m3	5.77E-01	2.29E-01	3.18E-05	7.65E-04	3.01E-01	4.62E-02	-1.41E-01
Hazardous waste disposed of	kg	1.07E+02	9.80E+01	0.00E+00	7.15E-03	7.33E+00	1.44E+00	-5.33E+01
Non-hazardous waste disposed of	kg	3.64E+01	7.28E+00	1.26E-02	3.60E-02	2.82E+01	8.48E-01	-4.09E+00
Radioactive waste disposed of	kg	9.35E-03	2.52E-03	9.00E-06	4.16E-06	6.48E-03	3.47E-04	-1.46E-03
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Inventory flow indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B6 - Operational energy use	C1-C4 - End of life	D - Benefits and loads beyond the system boundaries
Materials for recycling	kg	1.52E+00	3.74E-01	0.00E+00	5.74E-02	0.00E+00	1.08E+00	-1.77E-07
Materials for energy recovery	kg	3.50E-02	1.74E-03	0.00E+00	1.56E-02	0.00E+00	1.77E-02	0.00E+00
Exported energy	MJ by energy vector	1.03E-02	4.49E-05	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content of the product	kg of C.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content of the associated packaging	kg of C	3.58E-02	3.58E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Other sub modules in the use stage (B1-B5, B7) are equal to 0, hence not listed in the table

Environmental Impact Indicators: Optional

Optional Environmental impact indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B6 - Operational energy use	C1-C4 - End of life	D - Benefits and loads beyond the system boundaries
Emission of fine particles	incidence of diseases	7.98E-06	9.88E-07	1.85E-08	1.63E-09	6.90E-06	7.65E-08	-5.34E-07
Ionizing radiation, human health	kBq of U235 eq.	3.68E+02	1.16E+02	8.77E-04	1.05E+01	2.40E+02	4.33E-01	-8.00E+01
Ecotoxicity, fresh water	CTUe	7.92E+02	4.20E+02	2.36E-01	9.22E-01	3.16E+02	5.51E+01	-3.30E+02
Human toxicity, cancer effects	CTUh	1.03E-06	1.00E-06	6.33E-12	5.52E-09	2.10E-08	4.34E-09	-4.41E-07
Human toxicity, non-cancer effects	CTUh	2.01E-06	1.36E-06	1.22E-10	2.20E-10	5.02E-07	1.51E-07	-8.38E-07
Impacts related to land use/soil quality	-	1.28E+01	2.70E+00	0.00E+00	2.37E-04	4.63E+00	5.50E+00	-4.79E-01
Total use of primary energy during the life cycle	MJ	5.69E+03	2.58E+02	5.03E+00	1.23E+00	5.34E+03	9.11E+01	-1.13E+02

To evaluate the environmental impact of other product covered by this PEP, multiply the impact figures by

Factors for Manufacturing, Distribution, Installation, End-of-Life, and Module-D Phase:

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H ⁺ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-281251 (Reference)	NZMN1-4-A160	All Phases Except Use Phase	1												
Y7-265817	NZMN1-4-A80	All Phases Except Use Phase	1												
Y7-265811	NZMN1-4-A40	All Phases Except Use Phase	1												
Y7-265815	NZMN1-4-A63	All Phases Except Use Phase	1												
Y7-265813	NZMN1-4-A50	All Phases Except Use Phase	1												
Y7-265803	NZMB1-4-A63	All Phases Except Use Phase	1												
Y7-281239	NZMB1-4-A25	All Phases Except Use Phase	1												
Y7-265805	NZMB1-4-A80	All Phases Except Use Phase	1												
Y7-109951	NZMS1-4-A40	All Phases Except Use Phase	1												
Y7-284422	NZMH1-4-A40	All Phases Except Use Phase	1												
Y7-109948	NZMS1-4-A20	All Phases Except Use Phase	1												
Y7-109949	NZMS1-4-A25	All Phases Except Use Phase	1												
Y7-109950	NZMS1-4-A32	All Phases Except Use Phase	1												
Y7-109952	NZMS1-4-A50	All Phases Except Use Phase	1												
Y7-109953	NZMS1-4-A63	All Phases Except Use Phase	1												

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-109954	NZMS1-4-A80	All Phases Except Use Phase	1												
Y7-109955	NZMS1-4-A100	All Phases Except Use Phase	1												
Y7-109956	NZMS1-4-A125	All Phases Except Use Phase	1												
Y7-109957	NZMS1-4-A160	All Phases Except Use Phase	1												
Y7-271410	NZMC1-4-A50	All Phases Except Use Phase	1												
Y7-271412	NZMC1-4-A63	All Phases Except Use Phase	1												
Y7-271414	NZMC1-4-A80	All Phases Except Use Phase	1												
Y7-271418	NZMC1-4-A125	All Phases Except Use Phase	1												
Y7-281243	NZMB1-4-A160	All Phases Except Use Phase	1												
Y7-281245	NZMN1-4-A20	All Phases Except Use Phase	1												
Y7-281249	NZMN1-4-A32	All Phases Except Use Phase	1												
Y7-283300	NZMC1-4-A20	All Phases Except Use Phase	1												
Y7-283302	NZMC1-4-A25	All Phases Except Use Phase	1												
Y7-283304	NZMC1-4-A32	All Phases Except Use Phase	1												
Y7-283306	NZMC1-4-A160	All Phases Except Use Phase	1												

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-284416	NZMH1-4-A20	All Phases Except Use Phase	1												
Y7-284418	NZMH1-4-A25	All Phases Except Use Phase	1												
Y7-284420	NZMH1-4-A32	All Phases Except Use Phase	1												
Y7-284424	NZMH1-4-A50	All Phases Except Use Phase	1												
Y7-284426	NZMH1-4-A63	All Phases Except Use Phase	1												
Y7-284428	NZMH1-4-A80	All Phases Except Use Phase	1												
Y7-284430	NZMH1-4-A100	All Phases Except Use Phase	1												
Y7-284432	NZMH1-4-A125	All Phases Except Use Phase	1												
Y7-284434	NZMH1-4-A160	All Phases Except Use Phase	1												
Y7-265821	NZMN1-4-A125	All Phases Except Use Phase	1												
Y7-265799	NZMB1-4-A40	All Phases Except Use Phase	1												
Y7-281247	NZMN1-4-A25	All Phases Except Use Phase	1												
Y7-265809	NZMB1-4-A125	All Phases Except Use Phase	1												
Y7-271408	NZMC1-4-A40	All Phases Except Use Phase	1												
Y7-281237	NZMB1-4-A20	All Phases Except Use Phase	1												

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-265819	NZMN1-4-A100	All Phases Except Use Phase	1												
Y7-265807	NZMB1-4-A100	All Phases Except Use Phase	1												
Y7-281241	NZMB1-4-A32	All Phases Except Use Phase	1												
Y7-271416	NZMC1-4-A100	All Phases Except Use Phase	1												
Y7-265801	NZMB1-4-A50	All Phases Except Use Phase	1												
Y7-265714	NZMB1-M100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265728	NZMB1-S63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-115454	NZMH1-M100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265722	NZMN1-M100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-109939	NZMS1-A80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284412	NZMH1-A80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109938	NZMS1-A63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284411	NZMH1-A63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265733	NZMN1-S63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265732	NZMN1-S50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-280988	NZMB1-A25	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265726	NZMB1-S40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265731	NZMN1-S40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271405	NZMC1-S63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109936	NZMS1-A40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-115451	NZMH1-M50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-265713	NZMB1-M80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265719	NZMN1-M50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265735	NZMN1-S100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284379	NZMH1-A40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-115453	NZMH1-M80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265721	NZMN1-M80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-109941	NZMS1-A125	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265711	NZMB1-M50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284414	NZMH1-A125	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109934	NZMS1-A25	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284377	NZMH1-A25	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109940	NZMS1-A100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-284413	NZMH1-A100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109933	NZMS1-A20	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265710	NZMB1-M40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-281232	NZMN1-A25	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284376	NZMH1-A20	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-115450	NZMH1-M40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-265712	NZMB1-M63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265718	NZMN1-M40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-115452	NZMH1-M63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265720	NZMN1-M63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109935	NZMS1-A32	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109937	NZMS1-A50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-109943	NZMS1-S40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109944	NZMS1-S50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109945	NZMS1-S63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109946	NZMS1-S80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109947	NZMS1-S100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265727	NZMB1-S50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-265729	NZMB1-S80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265730	NZMB1-S100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-265734	NZMN1-S80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271398	NZMC1-M40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271399	NZMC1-M50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271400	NZMC1-M63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-271401	NZMC1-M80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271402	NZMC1-M100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271403	NZMC1-S40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271404	NZMC1-S50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271406	NZMC1-S80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271407	NZMC1-S100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-281234	NZMN1-A160	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-283294	NZMC1-A25	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284378	NZMH1-A32	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284410	NZMH1-A50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284436	NZMH1-S40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284437	NZMH1-S50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-284438	NZMH1-S63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284439	NZMH1-S80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284440	NZMH1-S100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271394	NZMC1-A63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259083	NZMN1-A63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259084	NZMN1-A80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-271393	NZMC1-A50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259077	NZMB1-A63	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259076	NZMB1-A50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259075	NZMB1-A40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259078	NZMB1-A80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271395	NZMC1-A80	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-281233	NZMN1-A32	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-280989	NZMB1-A32	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259086	NZMN1-A125	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271397	NZMC1-A125	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259082	NZMN1-A50	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-271392	NZMC1-A40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-271396	NZMC1-A100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259080	NZMB1-A125	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-283293	NZMC1-A20	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259079	NZMB1-A100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259081	NZMN1-A40	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-280987	NZMB1-A20	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-281231	NZMN1-A20	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-283295	NZMC1-A32	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-259085	NZMN1-A100	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-109942	NZMS1-A160	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-284415	NZMH1-A160	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76
Y7-281230	NZMB1-A160	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Product Number	Product Number	Phases	GWP (kg CO ₂ eq.)	GWP-f (kg CO ₂ eq.)	GWP-b (kg CO ₂ eq.)	GWP-lu (kg CO ₂ eq.)	ODP (kg CFC-11 eq.)	AP (mol H+ eq.)	EP-fw (kg P eq.)	EP-m (kg N eq.)	EP-t (mol N eq.)	POCP (kg NMVO C eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m3 eq.)
Y7-283296	NZMC1-A160	Manufacturing	0.80	0.80	-1.67	0.75	0.75	0.75	0.69	0.81	0.82	0.80	0.73	0.78	0.76
		Distribution	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77	0.77
		Installation	0.94	0.94	0.95	1.00	0.98	0.95	0.93	0.97	0.94	0.94	0.97	0.94	0.99
		End of life	0.79	0.79	0.69	0.68	0.93	0.79	0.69	0.77	0.76	0.78	0.69	0.79	0.72
		Module-D	0.80	0.81	5.58	0.75	0.75	0.76	0.76	0.84	0.86	0.84	0.73	0.79	0.76

Multiplying Factors for Use Phase for homogenous products:

Part Number	Product Description	Use Phase Extrapolation Factors
Y7-281251 (Reference)	NZMN1-4-A160 (Reference)	1
Y7-265714	NZMB1-M100	0.66
Y7-265728	NZMB1-S63	0.39
Y7-115454	NZMH1-M100	0.66
Y7-265722	NZMN1-M100	0.66
Y7-109939	NZMS1-A80	0.45
Y7-284412	NZMH1-A80	0.45
Y7-109938	NZMS1-A63	0.39
Y7-284411	NZMH1-A63	0.39
Y7-265733	NZMN1-S63	0.39
Y7-265732	NZMN1-S50	0.37
Y7-280988	NZMB1-A25	0.24
Y7-265726	NZMB1-S40	0.30
Y7-265731	NZMN1-S40	0.30
Y7-271405	NZMC1-S63	0.39
Y7-109936	NZMS1-A40	0.30
Y7-115451	NZMH1-M50	0.39
Y7-265713	NZMB1-M80	0.58
Y7-265719	NZMN1-M50	0.39
Y7-265735	NZMN1-S100	0.61

Part Number	Product Description	Use Phase Extrapolation Factors
Y7-284379	NZMH1-A40	0.30
Y7-115453	NZMH1-M80	0.58
Y7-265721	NZMN1-M80	0.58
Y7-109941	NZMS1-A125	0.24
Y7-265711	NZMB1-M50	0.39
Y7-284414	NZMH1-A125	0.24
Y7-109934	NZMS1-A25	0.24
Y7-284377	NZMH1-A25	0.24
Y7-109940	NZMS1-A100	0.61
Y7-284413	NZMH1-A100	0.61
Y7-109933	NZMS1-A20	0.27
Y7-265710	NZMB1-M40	0.37
Y7-281232	NZMN1-A25	0.24
Y7-284376	NZMH1-A20	0.27
Y7-115450	NZMH1-M40	0.37
Y7-265712	NZMB1-M63	0.41
Y7-265718	NZMN1-M40	0.37
Y7-115452	NZMH1-M63	0.41
Y7-265720	NZMN1-M63	0.41
Y7-109935	NZMS1-A32	0.26
Y7-109937	NZMS1-A50	0.37
Y7-109943	NZMS1-S40	0.30
Y7-109944	NZMS1-S50	0.37
Y7-109945	NZMS1-S63	0.39
Y7-109946	NZMS1-S80	0.45
Y7-109947	NZMS1-S100	0.61
Y7-265727	NZMB1-S50	0.37
Y7-265729	NZMB1-S80	0.45
Y7-265730	NZMB1-S100	0.61
Y7-265734	NZMN1-S80	0.45
Y7-271398	NZMC1-M40	0.37
Y7-271399	NZMC1-M50	0.39
Y7-271400	NZMC1-M63	0.41
Y7-271401	NZMC1-M80	0.58
Y7-271402	NZMC1-M100	0.66
Y7-271403	NZMC1-S40	0.30
Y7-271404	NZMC1-S50	0.37
Y7-271406	NZMC1-S80	0.45
Y7-271407	NZMC1-S100	0.61

Part Number	Product Description	Use Phase Extrapolation Factors
Y7-281234	NZMN1-A160	1.00
Y7-283294	NZMC1-A25	0.24
Y7-284378	NZMH1-A32	0.26
Y7-284410	NZMH1-A50	0.37
Y7-284436	NZMH1-S40	0.30
Y7-284437	NZMH1-S50	0.37
Y7-284438	NZMH1-S63	0.39
Y7-284439	NZMH1-S80	0.45
Y7-284440	NZMH1-S100	0.61
Y7-271394	NZMC1-A63	0.39
Y7-259083	NZMN1-A63	0.39
Y7-259084	NZMN1-A80	0.45
Y7-271393	NZMC1-A50	0.37
Y7-259077	NZMB1-A63	0.39
Y7-259076	NZMB1-A50	0.37
Y7-259075	NZMB1-A40	0.30
Y7-259078	NZMB1-A80	0.45
Y7-271395	NZMC1-A80	0.45
Y7-281233	NZMN1-A32	0.26
Y7-280989	NZMB1-A32	0.26
Y7-259086	NZMN1-A125	0.74
Y7-271397	NZMC1-A125	0.74
Y7-259082	NZMN1-A50	0.37
Y7-271392	NZMC1-A40	0.30
Y7-271396	NZMC1-A100	0.61
Y7-259080	NZMB1-A125	0.74
Y7-283293	NZMC1-A20	0.27
Y7-259079	NZMB1-A100	0.61
Y7-259081	NZMN1-A40	0.30
Y7-280987	NZMB1-A20	0.27
Y7-281231	NZMN1-A20	0.27
Y7-283295	NZMC1-A32	0.26
Y7-259085	NZMN1-A100	0.61
Y7-109942	NZMS1-A160	1.00
Y7-284415	NZMH1-A160	1.00
Y7-281230	NZMB1-A160	1.00
Y7-283296	NZMC1-A160	1.00
Y7-265801	NZMB1-4-A50	0.37
Y7-265817	NZMN1-4-A80	0.45

Part Number	Product Description	Use Phase Extrapolation Factors
Y7-265811	NZMN1-4-A40	0.30
Y7-265815	NZMN1-4-A63	0.39
Y7-265813	NZMN1-4-A50	0.37
Y7-265803	NZMB1-4-A63	0.39
Y7-281239	NZMB1-4-A25	0.24
Y7-265805	NZMB1-4-A80	0.45
Y7-109951	NZMS1-4-A40	0.30
Y7-284422	NZMH1-4-A40	0.30
Y7-109948	NZMS1-4-A20	0.27
Y7-109949	NZMS1-4-A25	0.24
Y7-109950	NZMS1-4-A32	0.26
Y7-109952	NZMS1-4-A50	0.37
Y7-109953	NZMS1-4-A63	0.39
Y7-109954	NZMS1-4-A80	0.45
Y7-109955	NZMS1-4-A100	0.61
Y7-109956	NZMS1-4-A125	0.74
Y7-109957	NZMS1-4-A160	1.00
Y7-271410	NZMC1-4-A50	0.37
Y7-271412	NZMC1-4-A63	0.39
Y7-271414	NZMC1-4-A80	0.45
Y7-271418	NZMC1-4-A125	0.74
Y7-281243	NZMB1-4-A160	1.00
Y7-281245	NZMN1-4-A20	0.27
Y7-281249	NZMN1-4-A32	0.26
Y7-283300	NZMC1-4-A20	0.27
Y7-283302	NZMC1-4-A25	0.24
Y7-283304	NZMC1-4-A32	0.26
Y7-283306	NZMC1-4-A160	1.00
Y7-284416	NZMH1-4-A20	0.27
Y7-284418	NZMH1-4-A25	0.24
Y7-284420	NZMH1-4-A32	0.26
Y7-284424	NZMH1-4-A50	0.37
Y7-284426	NZMH1-4-A63	0.39
Y7-284428	NZMH1-4-A80	0.45
Y7-284430	NZMH1-4-A100	0.61
Y7-284432	NZMH1-4-A125	0.74
Y7-284434	NZMH1-4-A160	1.00
Y7-265821	NZMN1-4-A125	0.74
Y7-265799	NZMB1-4-A40	0.30

Part Number	Product Description	Use Phase Extrapolation Factors
Y7-281247	NZMN1-4-A25	0.24
Y7-265809	NZMB1-4-A125	0.74
Y7-271408	NZMC1-4-A40	0.30
Y7-281237	NZMB1-4-A20	0.27
Y7-265819	NZMN1-4-A100	0.61
Y7-265807	NZMB1-4-A100	0.61
Y7-281241	NZMB1-4-A32	0.26
Y7-271416	NZMC1-4-A100	0.61

Disclaimer

This Product Environmental Profile and its content is based on information available to us. It refers to the product at the date of issue. We make no express or implied representations or warranties with respect to the information contained herein.

<i>Registration Number</i>	EATO-00225-V01.01-EN	<i>Drafting rules</i>	PCR-ed4-EN-2021 09 06
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Verifier accreditation Number	VH56	Supplemented by	PSR-0005-ed3.1-EN-2023 12 08
Date of issue	10-2024	Information and reference documents	www.pep-ecopassport.org
		Validity period	5 years
Independent verification of the declaration and data, in compliance with ISO 14025: 2006			
Internal	X	External	
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)			
PEPs are compliant with XP C08-100-1:2016 and EN 50693:2019			
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 »			