



BP-F Floor Standing Distribution Board

Representative product	BP-F-1200/20/3 (Y7-102324) Product Category: Unequipped enclosures and cabinets																																						
Description of the product	The Eaton's xEnergy BP-F is a floor-standing distribution board. It features an IP30 protection rating, and flexible floor standing for indoor use. The board comes with configurable door openings and variable interior fittings, making it versatile for various electrical distribution needs.																																						
Homogeneous Environmental Families Covered	<p>The PEP concerns following product offerings from Eaton xEnergy series BP-F Group as mentioned below:</p> <table border="0"> <tr> <td>Y7-102324 BP-F-1200/20/3; (Reference)</td> <td>Y7-119190 BP-F-1000/20/2,5;</td> </tr> <tr> <td>Y7-119196 BP-F-1200/20/4-P;</td> <td>Y7-120760 BP-F-600/20/4-F;</td> </tr> <tr> <td>Y7-119195 BP-F-1000/20/4-P;</td> <td>Y7-102358 BP-F-600/20/3-P;</td> </tr> <tr> <td>Y7-102364 BP-F-1200/20/3-P;</td> <td>Y7-102378 BP-F-600/20/3-P-W;</td> </tr> <tr> <td>Y7-102384 BP-F-1200/20/3-P-W;</td> <td>Y7-187843 BP-F-600/20/3-P-F3A;</td> </tr> <tr> <td>Y7-187849 BP-F-1200/20/3-P-F3A;</td> <td>Y7-102058 BP-F-600/20/3;</td> </tr> <tr> <td>Y7-102344 BP-F-1200/20/3-W;</td> <td>Y7-102338 BP-F-600/20/3-W;</td> </tr> <tr> <td>Y7-120763 BP-F-1200/20/4-F;</td> <td>Y7-120691 BP-F-1000/17/3-F;</td> </tr> <tr> <td>Y7-102363 BP-F-1200/17/3-P;</td> <td>Y7-120695 BP-F-1000/17/3-F-W;</td> </tr> <tr> <td>Y7-102383 BP-F-1200/17/3-P-W;</td> <td>Y7-102357 BP-F-600/17/3-P;</td> </tr> <tr> <td>Y7-119194 BP-F-800/20/4-P;</td> <td>Y7-102377 BP-F-600/17/3-P-W;</td> </tr> <tr> <td>Y7-187848 BP-F-1200/17/3-P-F3A;</td> <td>Y7-187842 BP-F-600/17/3-P-F3A;</td> </tr> <tr> <td>Y7-102323 BP-F-1200/17/3;</td> <td>Y7-102057 BP-F-600/17/3;</td> </tr> <tr> <td>Y7-102343 BP-F-1200/17/3-W;</td> <td>Y7-102337 BP-F-600/17/3-W;</td> </tr> <tr> <td>Y7-120762 BP-F-1000/20/4-F;</td> <td>Y7-120759 BP-F-400/20/4-F;</td> </tr> <tr> <td>Y7-102362 BP-F-1000/20/3-P;</td> <td>Y7-102400 BP-F-800/20/3-F;</td> </tr> <tr> <td>Y7-102382 BP-F-1000/20/3-P-W;</td> <td>Y7-102412 BP-F-800/20/3-F-W;</td> </tr> <tr> <td>Y7-187847 BP-F-1000/20/3-P-F3A;</td> <td>Y7-102356 BP-F-400/20/3-P;</td> </tr> <tr> <td>Y7-102322 BP-F-1000/20/3;</td> <td>Y7-102376 BP-F-400/20/3-P-W;</td> </tr> </table>	Y7-102324 BP-F-1200/20/3; (Reference)	Y7-119190 BP-F-1000/20/2,5;	Y7-119196 BP-F-1200/20/4-P;	Y7-120760 BP-F-600/20/4-F;	Y7-119195 BP-F-1000/20/4-P;	Y7-102358 BP-F-600/20/3-P;	Y7-102364 BP-F-1200/20/3-P;	Y7-102378 BP-F-600/20/3-P-W;	Y7-102384 BP-F-1200/20/3-P-W;	Y7-187843 BP-F-600/20/3-P-F3A;	Y7-187849 BP-F-1200/20/3-P-F3A;	Y7-102058 BP-F-600/20/3;	Y7-102344 BP-F-1200/20/3-W;	Y7-102338 BP-F-600/20/3-W;	Y7-120763 BP-F-1200/20/4-F;	Y7-120691 BP-F-1000/17/3-F;	Y7-102363 BP-F-1200/17/3-P;	Y7-120695 BP-F-1000/17/3-F-W;	Y7-102383 BP-F-1200/17/3-P-W;	Y7-102357 BP-F-600/17/3-P;	Y7-119194 BP-F-800/20/4-P;	Y7-102377 BP-F-600/17/3-P-W;	Y7-187848 BP-F-1200/17/3-P-F3A;	Y7-187842 BP-F-600/17/3-P-F3A;	Y7-102323 BP-F-1200/17/3;	Y7-102057 BP-F-600/17/3;	Y7-102343 BP-F-1200/17/3-W;	Y7-102337 BP-F-600/17/3-W;	Y7-120762 BP-F-1000/20/4-F;	Y7-120759 BP-F-400/20/4-F;	Y7-102362 BP-F-1000/20/3-P;	Y7-102400 BP-F-800/20/3-F;	Y7-102382 BP-F-1000/20/3-P-W;	Y7-102412 BP-F-800/20/3-F-W;	Y7-187847 BP-F-1000/20/3-P-F3A;	Y7-102356 BP-F-400/20/3-P;	Y7-102322 BP-F-1000/20/3;	Y7-102376 BP-F-400/20/3-P-W;
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Functional unit	'Protect people from direct contact with live active parts and ensure the grouping of control, command and protection devices in a single enclosure having the following dimensions 2060 mm x 300 mm x 1200 mm with rated current up to 630 A, while protecting them against mechanical impacts IK08 and the penetration of solid objects and liquids IP30, according to the appropriate use scenario, and for the reference service life of the product of 20 years.'	
Company information	Eaton Elektrotechnika, s.r.o, Czechia Email: productstewardship-es@eaton.com	

Constituent materials			
Reference product mass	8.93E+01 kg (with packaging)		
Category pep material	Material constituent	Mass (kg)	% contribution
Metals	Steel	7.37E+01	82.5%
Metals	Stainless Steel	8.18E+00	9.2%
Other	Wooden Pallet	3.50E+00	3.9%
Other	Powder Coating	2.59E+00	2.9%
Plastics	Polyurethane	7.60E-01	0.9%
Plastics	Polypropylene + Thermoplastic Elastomer	4.00E-01	0.4%

Plastics	Polyamide 6	1.33E-01	0.1%
Metals	Copper Wire	4.80E-02	<0.1%
Other	Cardboard	2.74E-02	<0.1%
Other	Paper	1.00E-02	<0.1%
Plastics	Low density Polyethylene	7.00E-04	<0.1%
Total		8.93E+01	8.93E+01

Substance Assessment

The representative product is compliant with the EU-RoHS Directive (2011/65/EU) and the product doesn't contain any 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 Czech Republic 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 does not require energy consumption during operation.
End of life	Recyclability of product is equal to 74.70% based on the method described in IEC/TR 62635, Edition 1.0/2012-10 "Guidelines for end-of-life information provided by manufacturers and recyclers and for recyclability rate calculation of electrical and electronic equipment".

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 v6.2.5 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 Elektrotechnika, s.r.o, Czechia. Energy model used: Czech Republic
Distribution Phase	Distribution of the product in its packaging from 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 does not have any use phase.
End of life Phase	Product disposed of 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.	7.63E+02	5.53E+02	2.01E+01	8.57E+00	0.00E+00	1.81E+02	-2.54E+02
Climate change - fossil fuels (GWP-f)	kg CO2 eq.	7.62E+02	5.58E+02	2.01E+01	3.29E+00	0.00E+00	1.81E+02	-2.55E+02
Climate change – biogenics (GWP-b)	kg CO2 eq.	3.98E-01	-4.93E+00	8.21E-05	5.29E+00	0.00E+00	4.10E-02	9.87E-01
Climate change - land use and land use transformation (GWP-lu)	kg CO2 eq.	7.48E-05	4.32E-05	3.04E-05	5.87E-08	0.00E+00	1.26E-06	0.00E+00
Ozone depletion (ODP)	kg eq. CFC-11	2.10E-05	1.93E-05	2.43E-07	2.47E-08	0.00E+00	1.44E-06	-4.28E-05
Acidification (AP)	mole of H+ eq.	2.51E+00	1.83E+00	3.17E-02	5.15E-03	0.00E+00	6.45E-01	-1.50E+00
Freshwater eutrophication (EP-fw)	kg P eq.	1.12E-03	8.00E-04	7.50E-05	1.75E-05	0.00E+00	2.31E-04	-4.56E-04
Marine aquatic eutrophication (EP-m)	kg of N eq.	4.00E-01	2.81E-01	5.75E-03	1.32E-03	0.00E+00	1.12E-01	-1.47E-01
Terrestrial eutrophication (EP-t)	mole of N eq.	4.48E+00	3.16E+00	6.31E-02	1.57E-02	0.00E+00	1.24E+00	-1.71E+00
Photochemical ozone formation (POCP)	kg of NMVOC eq.	1.62E+00	1.15E+00	2.04E-02	4.25E-03	0.00E+00	4.48E-01	-6.04E-01
Depletion of abiotic resources – elements (ADPe)	kg eq. Sb	9.41E-03	9.39E-03	7.16E-06	7.64E-08	0.00E+00	1.36E-05	-7.67E-02
Depletion of abiotic resources - fossil fuels (ADP-f)	MJ	3.99E+04	2.57E+04	3.56E+02	1.63E+01	0.00E+00	1.39E+04	-5.73E+03
Water scarcity (WDP)	m3 of eq.. deprivation worldwide	2.52E+02	1.79E+02	7.22E-01	6.34E-02	0.00E+00	7.25E+01	-1.11E+02

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	8.42E+01	5.85E+01	1.12E+00	1.71E+01	0.00E+00	7.46E+00	-4.50E+01
Use of renewable primary energy resources used as raw materials	MJ	6.67E+01	6.67E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-2.08E+01
Total use of renewable primary energy resources (primary energy)	MJ	1.51E+02	1.25E+02	1.12E+00	1.71E+01	0.00E+00	7.46E+00	-6.58E+01

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Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	MJ	3.99E+04	2.56E+04	3.56E+02	1.63E+01	0.00E+00	1.39E+04	-5.72E+03
Use of non-renewable primary energy resources used as raw materials	MJ	5.80E+01	5.80E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.69E+01
Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	3.99E+04	2.57E+04	3.56E+02	1.63E+01	0.00E+00	1.39E+04	-5.73E+03
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	5.88E+00	4.17E+00	1.68E-02	1.80E-03	0.00E+00	1.69E+00	-2.59E+00
Hazardous waste disposed of	kg	6.97E+02	6.03E+02	8.39E-02	5.24E-01	0.00E+00	9.38E+01	-6.02E+03
Non-hazardous waste disposed of	kg	2.02E+02	1.89E+02	1.86E+00	1.82E+00	0.00E+00	9.60E+00	-1.97E+02
Radioactive waste disposed of	kg	2.28E-02	2.03E-02	1.48E-03	1.13E-04	0.00E+00	9.45E-04	-8.89E-02
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
Materials for recycling	kg	9.50E+01	2.81E+01	0.00E+00	1.40E+00	0.00E+00	6.56E+01	0.00E+00
Materials for energy recovery	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ by energy vector	1.16E+00	0.00E+00	0.00E+00	1.16E+00	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.	1.40E+00	1.40E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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	2.67E-05	2.32E-05	2.72E-07	3.40E-08	0.00E+00	3.21E-06	-1.32E-04
Ionizing radiation, human health	kBq of U235 eq.	1.27E+02	1.22E+02	7.10E-01	4.32E-01	0.00E+00	3.80E+00	-6.36E+01
Ecotoxicity, fresh water	CTUe	6.29E+03	5.39E+03	5.85E+02	1.55E+01	0.00E+00	3.02E+02	-7.53E+02
Human toxicity, cancer effects	CTUh	8.45E-05	8.44E-05	3.93E-09	1.52E-09	0.00E+00	2.15E-08	-8.66E-04
Human toxicity, non-cancer effects	CTUh	6.75E-06	4.98E-06	7.50E-08	5.31E-09	0.00E+00	1.69E-06	-1.22E-05

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
Impacts related to land use/soil quality	-	1.62E+00	6.54E-01	8.59E-02	1.06E-02	0.00E+00	8.65E-01	-1.75E-01
Total use of primary energy during the life cycle	MJ	4.01E+04	2.58E+04	3.57E+02	3.34E+01	0.00E+00	1.39E+04	-5.80E+03

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

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

Product Number	Product Description	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 NMVOC eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m ³ eq.)	
102324 (Reference)	BP-F-1200/20/3	Manufacturing	1.00													
		Distribution	1.00													
		Installation	1.00													
		End of Life	1.00													
		Module D	1.00													
119196	BP-F-1200/20/4-P	Manufacturing	1.01	1.01	1.02	1.04	1.15	1.01	1.00	1.01	0.99	1.00	1.10	1.03	0.87	
		Distribution	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04	1.04
		Installation	1.01	1.02	1.00	1.03	1.05	1.06	1.06	1.04	1.05	1.04	1.06	1.06	1.06	1.06
		End of Life	1.04	1.04	1.07	1.04	1.06	1.04	1.01	1.04	1.04	1.04	1.04	1.02	1.04	1.04
		Module D	1.05	1.05	1.01	1.00	1.08	1.05	1.07	1.05	1.05	1.05	1.05	1.03	1.04	1.05
102364	BP-F-1200/20/3-P	Manufacturing	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
		Distribution	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Module D	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
102384	BP-F-1200/20/3-P-W	Manufacturing	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
		Distribution	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Module D	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
187849	BP-F-1200/20/3-P-F3A	Manufacturing	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
		Distribution	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Module D	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
102344	BP-F-1200/20/3-W	Manufacturing	1.00	1.00	1.00	1.00	0.99	1.00	1.00	1.00	1.00	1.00	1.00	0.99	1.00	1.01
		Distribution	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Installation	1.00	1.00	1.00	1.00	0.99	0.99	0.99	0.99	0.99	0.99	1.00	0.99	0.99	0.99
		End of Life	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Module D	1.00	1.00	1.00	1.00	0.99	1.00	0.99	1.00	0.99	1.00	1.00	1.00	1.00	1.00
119195	BP-F-1000/20/4-P	Manufacturing	0.98	0.98	0.99	0.96	0.87	0.98	0.99	0.98	0.99	0.99	0.99	0.91	0.97	1.10
		Distribution	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
		Installation	0.99	0.97	1.00	0.96	0.93	0.92	0.92	0.93	0.93	0.94	0.92	0.92	0.92	0.92
		End of Life	0.96	0.96	0.95	0.96	0.95	0.96	1.00	0.96	0.96	0.96	0.96	0.98	0.96	0.96
		Module D	0.95	0.95	1.01	1.00	0.93	0.95	0.93	0.95	0.95	0.95	0.95	0.96	0.96	0.95
102363	BP-F-1200/17/3-P	Manufacturing	0.97	0.97	0.99	0.93	0.80	0.97	0.98	0.97	0.99	0.98	0.86	0.94	1.14	
		Distribution	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
		Installation	0.98	0.96	0.99	0.93	0.89	0.87	0.87	0.90	0.89	0.91	0.87	0.87	0.88	0.88
		End of Life	0.93	0.93	0.92	0.94	0.92	0.93	1.00	0.93	0.93	0.93	0.93	0.97	0.93	0.93
		Module D	0.92	0.92	1.02	1.00	0.89	0.93	0.90	0.93	0.93	0.93	0.92	0.94	0.94	0.92
102383	BP-F-1200/17/3-P-W	Manufacturing	0.97	0.97	0.99	0.93	0.80	0.97	0.98	0.97	0.99	0.98	0.86	0.94	1.14	
		Distribution	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
		Installation	0.98	0.96	0.99	0.93	0.89	0.87	0.87	0.90	0.89	0.91	0.87	0.87	0.88	0.88
		End of Life	0.93	0.93	0.92	0.94	0.92	0.93	1.00	0.93	0.93	0.93	0.93	0.97	0.93	0.93
		Module D	0.92	0.92	1.02	1.00	0.89	0.93	0.90	0.93	0.93	0.93	0.92	0.94	0.94	0.92
187848	BP-F-1200/17/3-P-F3A	Manufacturing	0.97	0.97	0.99	0.93	0.80	0.97	0.98	0.97	0.99	0.98	0.86	0.94	1.14	
		Distribution	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93
		Installation	0.98	0.96	0.99	0.93	0.89	0.87	0.87	0.90	0.89	0.91	0.87	0.87	0.88	0.88
		End of Life	0.93	0.93	0.92	0.94	0.92	0.93	1.00	0.93	0.93	0.93	0.93	0.97	0.93	0.93
		Module D	0.92	0.92	1.02	1.00	0.89	0.93	0.90	0.93	0.93	0.93	0.92	0.94	0.94	0.92

Product Number	Product Description	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 NMVOC eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m ³ eq.)	
119194	BP-F-800/20/4-P	Module D	0.92	0.92	1.02	1.00	0.89	0.93	0.90	0.93	0.93	0.92	0.94	0.94	0.92	
		Manufacturing	0.97	0.97	0.99	0.92	0.77	0.97	0.98	0.97	0.98	0.97	0.84	0.94	1.15	
		Distribution	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
		Installation	0.98	0.95	0.99	0.92	0.88	0.86	0.86	0.89	0.88	0.90	0.86	0.86	0.86	
		End of Life	0.93	0.93	0.92	0.93	0.91	0.93	1.00	0.92	0.92	0.92	0.93	0.96	0.93	0.93
102323	BP-F-1200/17/3	Module D	0.91	0.91	1.03	1.00	0.88	0.92	0.88	0.92	0.92	0.91	0.94	0.93	0.91	
		Manufacturing	0.97	0.97	0.99	0.92	0.77	0.97	0.97	0.97	0.98	0.97	0.84	0.94	1.15	
		Distribution	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
		Installation	0.98	0.95	0.99	0.92	0.88	0.86	0.86	0.89	0.88	0.90	0.86	0.85	0.86	
		End of Life	0.92	0.92	0.92	0.93	0.91	0.92	1.00	0.92	0.92	0.92	0.92	0.96	0.92	0.92
102343	BP-F-1200/17/3-W	Module D	0.91	0.91	1.03	1.00	0.88	0.92	0.88	0.92	0.92	0.91	0.93	0.93	0.91	
		Manufacturing	0.97	0.97	0.99	0.92	0.77	0.97	0.97	0.97	0.98	0.97	0.84	0.94	1.15	
		Distribution	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
		Installation	0.98	0.95	0.99	0.92	0.88	0.86	0.86	0.89	0.88	0.90	0.86	0.85	0.86	
		End of Life	0.92	0.92	0.92	0.93	0.91	0.92	1.00	0.92	0.92	0.92	0.92	0.96	0.92	0.92
119193	BP-F-600/20/4-P	Module D	0.91	0.91	1.03	1.00	0.88	0.92	0.88	0.92	0.92	0.91	0.93	0.93	0.91	
		Manufacturing	0.93	0.93	1.00	0.87	0.64	0.93	0.94	0.93	0.95	0.94	0.74	0.89	1.19	
		Distribution	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87
		Installation	0.96	0.92	0.98	0.87	0.80	0.77	0.77	0.82	0.80	0.84	0.77	0.76	0.77	
		End of Life	0.87	0.87	0.88	0.89	0.86	0.87	0.99	0.87	0.87	0.87	0.87	0.94	0.87	0.87
102362	BP-F-1000/20/3-P	Module D	0.86	0.86	1.07	1.00	0.80	0.86	0.81	0.86	0.86	0.86	0.89	0.88	0.86	
		Manufacturing	0.89	0.89	1.02	0.82	0.54	0.88	0.91	0.89	0.91	0.90	0.65	0.84	1.20	
		Distribution	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
		Installation	0.94	0.89	0.97	0.83	0.73	0.69	0.69	0.75	0.74	0.78	0.69	0.68	0.70	
		End of Life	0.83	0.83	0.85	0.84	0.82	0.83	0.98	0.83	0.83	0.83	0.83	0.91	0.83	0.83
102382	BP-F-1000/20/3-P-W	Module D	0.80	0.80	1.12	1.00	0.74	0.81	0.75	0.81	0.81	0.80	0.84	0.83	0.80	
		Manufacturing	0.89	0.89	1.02	0.82	0.54	0.88	0.91	0.89	0.91	0.90	0.65	0.84	1.20	
		Distribution	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
		Installation	0.94	0.89	0.97	0.83	0.73	0.69	0.69	0.75	0.74	0.78	0.69	0.68	0.70	
		End of Life	0.83	0.83	0.85	0.84	0.82	0.83	0.98	0.83	0.83	0.83	0.83	0.91	0.83	0.83
187847	BP-F-1000/20/3-P-F3A	Module D	0.80	0.80	1.12	1.00	0.74	0.81	0.75	0.81	0.81	0.80	0.84	0.83	0.80	
		Manufacturing	0.89	0.89	1.02	0.82	0.54	0.88	0.91	0.89	0.91	0.90	0.65	0.84	1.20	
		Distribution	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83	0.83
		Installation	0.94	0.89	0.97	0.83	0.73	0.69	0.69	0.75	0.74	0.78	0.69	0.68	0.70	
		End of Life	0.83	0.83	0.85	0.84	0.82	0.83	0.98	0.83	0.83	0.83	0.83	0.91	0.83	0.83
102322	BP-F-1000/20/3	Module D	0.79	0.79	1.13	1.00	0.73	0.80	0.74	0.80	0.80	0.79	0.83	0.82	0.79	
		Manufacturing	0.88	0.88	1.02	0.81	0.51	0.87	0.90	0.88	0.90	0.89	0.63	0.83	1.19	
		Distribution	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
		Installation	0.93	0.88	0.96	0.81	0.72	0.68	0.67	0.74	0.72	0.77	0.67	0.67	0.68	
		End of Life	0.81	0.81	0.84	0.83	0.82	0.81	0.98	0.81	0.82	0.81	0.91	0.81	0.81	0.81
102342	BP-F-1000/20/3-W	Module D	0.79	0.79	1.13	1.00	0.73	0.80	0.74	0.80	0.80	0.79	0.83	0.82	0.79	
		Manufacturing	0.88	0.88	1.02	0.81	0.51	0.87	0.90	0.88	0.90	0.89	0.63	0.83	1.19	
		Distribution	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
		Installation	0.93	0.88	0.96	0.81	0.72	0.68	0.67	0.74	0.72	0.77	0.67	0.67	0.68	
		End of Life	0.81	0.81	0.84	0.83	0.82	0.81	0.98	0.81	0.82	0.81	0.91	0.81	0.81	0.81
119192	BP-F-400/20/4-P	Module D	0.78	0.79	1.14	1.00	0.72	0.79	0.73	0.79	0.79	0.79	0.83	0.82	0.78	
		Manufacturing	0.87	0.87	1.02	0.81	0.50	0.87	0.89	0.87	0.90	0.89	0.62	0.82	1.19	
		Distribution	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81	0.81
		Installation	0.93	0.88	0.96	0.81	0.71	0.67	0.66	0.73	0.71	0.76	0.66	0.66	0.67	
		End of Life	0.81	0.81	0.84	0.83	0.81	0.81	0.98	0.81	0.81	0.81	0.90	0.81	0.81	0.81
120763	BP-F-1200/20/4-F	Module D	0.77	0.77	1.15	1.00	0.70	0.78	0.72	0.78	0.78	0.77	0.81	0.80	0.77	
		Manufacturing	0.86	0.86	1.03	0.79	0.48	0.85	0.88	0.86	0.89	0.87	0.60	0.81	1.19	
		Distribution	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
		Installation	0.92	0.87	0.95	0.80	0.69	0.65	0.64	0.71	0.70	0.75	0.65	0.64	0.65	
		End of Life	0.80	0.80	0.83	0.81	0.80	0.80	0.97	0.80	0.80	0.80	0.89	0.80	0.80	
119190	BP-F-1000/20/2,5	Module D	0.75	0.75	1.19	1.00	0.67	0.75	0.69	0.75	0.75	0.75	0.79	0.78	0.74	
		Manufacturing	0.83	0.84	1.04	0.77	0.43	0.83	0.85	0.83	0.86	0.85	0.55	0.78	1.17	
		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	0.77
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	0.76	0.76	0.81	0.78	0.77	0.76	0.95	0.76	0.76	0.76	0.76	0.87	0.76	0.76
119191	BP-F-1200/20/2,5	Module D	0.73	0.73	1.20	1.00	0.66	0.74	0.67	0.74	0.74	0.73	0.78	0.77	0.73	
		Manufacturing	0.82	0.82	1.05	0.76	0.41	0.81	0.84	0.82	0.85	0.83	0.53	0.77	1.16	
		Distribution	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.76
		Installation	0.90	0.84	0.94	0.76	0.64	0.59	0.59	0.66	0.64	0.70	0.59	0.58	0.60	
		End of Life	0.76	0.76	0.81	0.78	0.77	0.76	0.95	0.76	0.76	0.76	0.76	0.86	0.76	0.76
102360	BP-F-800/20/3-P	Module D	0.73	0.73	1.20	1.00	0.66	0.74	0.67	0.74	0.74	0.73	0.78	0.77	0.73	
		Manufacturing	0.81	0.81	1.05	0.75	0.40	0.80	0.83	0.81	0.84	0.83	0.52	0.76	1.15	
		Distribution	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	

Product Number	Product Description	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 NMVOC eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m ³ eq.)	
		Installation	0.90	0.83	0.93	0.75	0.63	0.58	0.58	0.66	0.64	0.69	0.58	0.57	0.59	
		End of Life	0.75	0.75	0.81	0.77	0.77	0.75	0.95	0.75	0.75	0.75	0.86	0.75	0.75	
		Module D	0.72	0.73	1.21	1.00	0.65	0.73	0.67	0.73	0.73	0.73	0.73	0.77	0.76	0.72
102380	BP-F-800/20/3-P-W	Manufacturing	0.81	0.81	1.05	0.75	0.40	0.80	0.83	0.81	0.84	0.83	0.52	0.76	1.15	
		Distribution	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	
		Installation	0.90	0.83	0.93	0.75	0.63	0.58	0.58	0.66	0.64	0.69	0.58	0.57	0.59	
		End of Life	0.75	0.75	0.81	0.77	0.77	0.75	0.95	0.75	0.75	0.75	0.86	0.75	0.75	
		Module D	0.72	0.73	1.21	1.00	0.65	0.73	0.67	0.73	0.73	0.73	0.73	0.77	0.76	0.72
		Module D	0.72	0.73	1.21	1.00	0.65	0.73	0.67	0.73	0.73	0.73	0.73	0.77	0.76	0.72
187845	BP-F-800/20/3-P-F3A	Manufacturing	0.81	0.81	1.05	0.75	0.40	0.80	0.83	0.81	0.84	0.83	0.52	0.76	1.15	
		Distribution	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	
		Installation	0.90	0.83	0.93	0.75	0.63	0.58	0.58	0.66	0.64	0.69	0.58	0.57	0.59	
		End of Life	0.75	0.75	0.81	0.77	0.77	0.75	0.95	0.75	0.75	0.75	0.86	0.75	0.75	
		Module D	0.72	0.73	1.21	1.00	0.65	0.73	0.67	0.73	0.73	0.73	0.73	0.77	0.76	0.72
120694	BP-F-1200/20/3-F	Manufacturing	0.81	0.81	1.05	0.75	0.39	0.80	0.83	0.81	0.84	0.82	0.51	0.76	1.15	
		Distribution	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	
		Installation	0.89	0.83	0.93	0.75	0.63	0.58	0.57	0.65	0.63	0.69	0.57	0.56	0.58	
		End of Life	0.75	0.75	0.81	0.77	0.76	0.75	0.94	0.75	0.75	0.75	0.86	0.75	0.75	
120698	BP-F-1200/20/3-F-W	Manufacturing	0.81	0.81	1.05	0.75	0.39	0.80	0.83	0.81	0.84	0.82	0.51	0.76	1.15	
		Distribution	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	
		Installation	0.89	0.83	0.93	0.75	0.63	0.58	0.57	0.65	0.63	0.69	0.57	0.56	0.58	
		End of Life	0.75	0.75	0.81	0.77	0.76	0.75	0.94	0.75	0.75	0.75	0.86	0.75	0.75	
		Module D	0.72	0.72	1.22	1.00	0.65	0.73	0.66	0.73	0.73	0.72	0.77	0.76	0.72	
102320	BP-F-800/20/3	Manufacturing	0.80	0.80	1.05	0.74	0.38	0.79	0.82	0.80	0.83	0.81	0.50	0.75	1.14	
		Distribution	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	
		Installation	0.89	0.83	0.93	0.74	0.62	0.57	0.56	0.64	0.62	0.68	0.56	0.55	0.57	
		End of Life	0.74	0.74	0.80	0.76	0.76	0.74	0.94	0.74	0.74	0.74	0.85	0.74	0.74	
		Module D	0.71	0.71	1.23	1.00	0.64	0.72	0.65	0.72	0.72	0.72	0.72	0.76	0.75	0.71
102340	BP-F-800/20/3-W	Manufacturing	0.80	0.80	1.05	0.74	0.38	0.79	0.82	0.80	0.83	0.81	0.50	0.75	1.14	
		Distribution	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	
		Installation	0.89	0.83	0.93	0.74	0.62	0.57	0.56	0.64	0.62	0.68	0.56	0.55	0.57	
		End of Life	0.74	0.74	0.80	0.76	0.76	0.74	0.94	0.74	0.74	0.74	0.85	0.74	0.74	
		Module D	0.71	0.71	1.23	1.00	0.64	0.72	0.65	0.72	0.72	0.72	0.72	0.76	0.75	0.71
102361	BP-F-1000/17/3-P	Manufacturing	0.79	0.79	1.06	0.73	0.37	0.78	0.81	0.79	0.82	0.81	0.49	0.74	1.13	
		Distribution	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	
		Installation	0.89	0.82	0.93	0.74	0.61	0.56	0.55	0.64	0.62	0.67	0.56	0.54	0.56	
		End of Life	0.74	0.74	0.80	0.76	0.75	0.74	0.93	0.74	0.74	0.74	0.84	0.74	0.74	
		Module D	0.71	0.71	1.23	1.00	0.63	0.72	0.65	0.71	0.72	0.71	0.75	0.74	0.71	
102381	BP-F-1000/17/3-P-W	Manufacturing	0.79	0.79	1.06	0.73	0.37	0.78	0.81	0.79	0.82	0.81	0.49	0.74	1.13	
		Distribution	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	
		Installation	0.89	0.82	0.93	0.74	0.61	0.56	0.55	0.64	0.62	0.67	0.56	0.54	0.56	
		End of Life	0.74	0.74	0.80	0.76	0.75	0.74	0.93	0.74	0.74	0.74	0.84	0.74	0.74	
		Module D	0.71	0.71	1.23	1.00	0.63	0.72	0.65	0.71	0.72	0.71	0.75	0.74	0.71	
187846	BP-F-1000/17/3-P-F3A	Manufacturing	0.79	0.79	1.06	0.73	0.37	0.78	0.81	0.79	0.82	0.81	0.49	0.74	1.13	
		Distribution	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.74	
		Installation	0.89	0.82	0.93	0.74	0.61	0.56	0.55	0.64	0.62	0.67	0.56	0.54	0.56	
		End of Life	0.74	0.74	0.80	0.76	0.75	0.74	0.93	0.74	0.74	0.74	0.84	0.74	0.74	
		Module D	0.71	0.71	1.23	1.00	0.63	0.72	0.65	0.71	0.72	0.71	0.75	0.74	0.71	
102321	BP-F-1000/17/3	Manufacturing	0.78	0.78	1.06	0.72	0.36	0.77	0.80	0.78	0.81	0.79	0.48	0.73	1.12	
		Distribution	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	
		Installation	0.88	0.81	0.92	0.73	0.60	0.55	0.54	0.63	0.60	0.66	0.54	0.53	0.55	
		End of Life	0.73	0.73	0.79	0.75	0.75	0.73	0.93	0.73	0.73	0.73	0.84	0.73	0.73	
		Module D	0.70	0.70	1.25	1.00	0.62	0.71	0.64	0.70	0.71	0.70	0.74	0.73	0.70	
102341	BP-F-1000/17/3-W	Manufacturing	0.78	0.78	1.06	0.72	0.36	0.77	0.80	0.78	0.81	0.79	0.48	0.73	1.12	
		Distribution	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	
		Installation	0.88	0.81	0.92	0.73	0.60	0.55	0.54	0.63	0.60	0.66	0.54	0.53	0.55	
		End of Life	0.73	0.73	0.79	0.75	0.75	0.73	0.93	0.73	0.73	0.73	0.84	0.73	0.73	
		Module D	0.70	0.70	1.25	1.00	0.62	0.71	0.64	0.70	0.71	0.70	0.74	0.73	0.70	
120693	BP-F-1200/17/3-F	Manufacturing	0.77	0.77	1.07	0.72	0.34	0.76	0.79	0.77	0.80	0.78	0.46	0.72	1.11	
		Distribution	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	
		Installation	0.87	0.81	0.92	0.72	0.59	0.53	0.53	0.61	0.59	0.65	0.53	0.52	0.54	
		End of Life	0.72	0.72	0.79	0.74	0.74	0.72	0.92	0.72	0.72	0.72	0.83	0.72	0.72	
		Module D	0.69	0.69	1.26	1.00	0.61	0.70	0.63	0.69	0.70	0.69	0.73	0.72	0.69	
120697	BP-F-1200/17/3-F-W	Manufacturing	0.77	0.77	1.07	0.72	0.34	0.76	0.79	0.77	0.80	0.78	0.46	0.72	1.11	
		Distribution	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	
		Installation	0.87	0.81	0.92	0.72	0.59	0.53	0.53	0.61	0.59	0.65	0.53	0.52	0.54	
		End of Life	0.72	0.72	0.79	0.74	0.74	0.72	0.92	0.72	0.72	0.72	0.83	0.72	0.72	
		Module D	0.69	0.69	1.26	1.00	0.61	0.70	0.63	0.69	0.70	0.69	0.73	0.72	0.69	

Product Number	Product Description	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 NMVOC eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m ³ eq.)	
120762	BP-F-1000/20/4-F	Manufacturing	0.77	0.77	1.07	0.71	0.34	0.76	0.79	0.77	0.80	0.78	0.46	0.72	1.10	
		Distribution	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
		Installation	0.87	0.81	0.92	0.72	0.59	0.53	0.53	0.61	0.59	0.65	0.65	0.53	0.52	0.54
		End of Life	0.72	0.72	0.79	0.74	0.74	0.74	0.72	0.92	0.72	0.72	0.72	0.83	0.72	0.72
		Module D	0.69	0.69	1.26	1.00	0.61	0.70	0.63	0.69	0.70	0.69	0.69	0.73	0.72	0.69
120761	BP-F-800/20/4-F	Manufacturing	0.75	0.75	1.07	0.70	0.32	0.74	0.77	0.75	0.77	0.76	0.43	0.70	1.08	
		Distribution	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
		Installation	0.86	0.79	0.91	0.70	0.57	0.51	0.50	0.59	0.57	0.63	0.63	0.51	0.49	0.51
		End of Life	0.70	0.70	0.78	0.72	0.73	0.70	0.90	0.70	0.70	0.70	0.70	0.81	0.70	0.70
		Module D	0.67	0.67	1.28	1.00	0.59	0.68	0.61	0.68	0.68	0.68	0.67	0.72	0.71	0.67
102358	BP-F-600/20/3-P	Manufacturing	0.72	0.73	1.08	0.68	0.29	0.71	0.75	0.72	0.75	0.74	0.40	0.68	1.05	
		Distribution	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
		Installation	0.85	0.78	0.89	0.68	0.54	0.48	0.48	0.57	0.55	0.61	0.61	0.48	0.47	0.49
		End of Life	0.68	0.68	0.76	0.70	0.71	0.68	0.88	0.68	0.68	0.68	0.68	0.79	0.68	0.68
		Module D	0.65	0.65	1.31	1.00	0.57	0.66	0.59	0.66	0.66	0.66	0.65	0.70	0.69	0.65
102378	BP-F-600/20/3-P-W	Manufacturing	0.72	0.73	1.08	0.68	0.29	0.71	0.75	0.72	0.75	0.74	0.40	0.68	1.05	
		Distribution	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
		Installation	0.85	0.78	0.89	0.68	0.54	0.48	0.48	0.57	0.55	0.61	0.61	0.48	0.47	0.49
		End of Life	0.68	0.68	0.76	0.70	0.71	0.68	0.88	0.68	0.68	0.68	0.68	0.79	0.68	0.68
		Module D	0.65	0.65	1.31	1.00	0.57	0.66	0.59	0.66	0.66	0.66	0.65	0.70	0.69	0.65
187843	BP-F-600/20/3-P-F3A	Manufacturing	0.72	0.73	1.08	0.68	0.29	0.71	0.75	0.72	0.75	0.74	0.40	0.68	1.05	
		Distribution	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68
		Installation	0.85	0.78	0.89	0.68	0.54	0.48	0.48	0.57	0.55	0.61	0.61	0.48	0.47	0.49
		End of Life	0.68	0.68	0.76	0.70	0.71	0.68	0.88	0.68	0.68	0.68	0.68	0.79	0.68	0.68
		Module D	0.65	0.65	1.31	1.00	0.57	0.66	0.59	0.66	0.66	0.66	0.65	0.70	0.69	0.65
102058	BP-F-600/20/3	Manufacturing	0.71	0.71	1.09	0.67	0.27	0.70	0.74	0.71	0.74	0.72	0.39	0.67	1.03	
		Distribution	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
		Installation	0.84	0.77	0.89	0.67	0.53	0.47	0.46	0.56	0.53	0.60	0.60	0.47	0.45	0.47
		End of Life	0.67	0.67	0.76	0.69	0.70	0.67	0.87	0.67	0.67	0.67	0.67	0.78	0.67	0.67
		Module D	0.64	0.64	1.32	1.00	0.56	0.65	0.58	0.64	0.65	0.64	0.64	0.68	0.67	0.64
102338	BP-F-600/20/3-W	Manufacturing	0.71	0.71	1.09	0.67	0.27	0.70	0.74	0.71	0.74	0.72	0.39	0.67	1.03	
		Distribution	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67
		Installation	0.84	0.77	0.89	0.67	0.53	0.47	0.46	0.56	0.53	0.60	0.60	0.47	0.45	0.47
		End of Life	0.67	0.67	0.76	0.69	0.70	0.67	0.87	0.67	0.67	0.67	0.67	0.78	0.67	0.67
		Module D	0.64	0.64	1.32	1.00	0.56	0.65	0.58	0.64	0.65	0.64	0.64	0.68	0.67	0.64
102357	BP-F-600/17/3-P	Manufacturing	0.68	0.68	1.10	0.64	0.24	0.66	0.70	0.68	0.70	0.69	0.35	0.64	0.98	
		Distribution	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
		Installation	0.82	0.75	0.87	0.65	0.50	0.44	0.43	0.53	0.51	0.58	0.58	0.44	0.42	0.44
		End of Life	0.65	0.65	0.74	0.67	0.68	0.65	0.83	0.65	0.65	0.65	0.65	0.75	0.65	0.65
		Module D	0.61	0.61	1.35	1.00	0.54	0.62	0.56	0.62	0.62	0.62	0.62	0.66	0.65	0.61
102377	BP-F-600/17/3-P-W	Manufacturing	0.68	0.68	1.10	0.64	0.24	0.66	0.70	0.68	0.70	0.69	0.35	0.64	0.98	
		Distribution	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
		Installation	0.82	0.75	0.87	0.65	0.50	0.44	0.43	0.53	0.51	0.58	0.58	0.44	0.42	0.44
		End of Life	0.65	0.65	0.74	0.67	0.68	0.65	0.83	0.65	0.65	0.65	0.65	0.75	0.65	0.65
		Module D	0.61	0.61	1.35	1.00	0.54	0.62	0.56	0.62	0.62	0.62	0.62	0.66	0.65	0.61
187842	BP-F-600/17/3-P-F3A	Manufacturing	0.68	0.68	1.10	0.64	0.24	0.66	0.70	0.68	0.70	0.69	0.35	0.64	0.98	
		Distribution	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
		Installation	0.82	0.75	0.87	0.65	0.50	0.44	0.43	0.53	0.51	0.58	0.58	0.44	0.42	0.44
		End of Life	0.65	0.65	0.74	0.67	0.68	0.65	0.83	0.65	0.65	0.65	0.65	0.75	0.65	0.65
		Module D	0.61	0.61	1.35	1.00	0.54	0.62	0.56	0.62	0.62	0.62	0.62	0.66	0.65	0.61
120760	BP-F-600/20/4-F	Manufacturing	0.67	0.67	1.10	0.64	0.23	0.65	0.69	0.67	0.69	0.68	0.34	0.63	0.97	
		Distribution	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
		Installation	0.82	0.74	0.87	0.64	0.49	0.43	0.42	0.52	0.50	0.57	0.57	0.42	0.41	0.43
		End of Life	0.64	0.64	0.73	0.66	0.68	0.64	0.82	0.64	0.64	0.64	0.64	0.74	0.64	0.64
		Module D	0.60	0.61	1.36	1.00	0.53	0.61	0.55	0.61	0.61	0.61	0.61	0.65	0.64	0.60
102057	BP-F-600/17/3	Manufacturing	0.66	0.67	1.10	0.63	0.23	0.65	0.69	0.66	0.69	0.68	0.34	0.63	0.96	
		Distribution	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
		Installation	0.82	0.74	0.86	0.64	0.49	0.43	0.42	0.52	0.49	0.56	0.56	0.42	0.41	0.43
		End of Life	0.64	0.64	0.73	0.66	0.67	0.64	0.82	0.64	0.64	0.64	0.64	0.74	0.64	0.64
		Module D	0.60	0.60	1.37	1.00	0.53	0.61	0.55	0.61	0.61	0.61	0.60	0.65	0.64	0.60
102337	BP-F-600/17/3-W	Manufacturing	0.66	0.67	1.10	0.63	0.23	0.65	0.69	0.66	0.69	0.68	0.34	0.63	0.96	
		Distribution	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64	0.64
		Installation	0.82	0.74	0.86	0.64	0.49	0.43	0.42	0.52	0.49	0.56	0.56	0.42	0.41	0.43
		End of Life	0.64	0.64	0.73	0.66	0.67	0.64	0.82	0.64	0.64	0.64	0.64	0.74	0.64	0.64
		Module D	0.60	0.60	1.37	1.00	0.53	0.61	0.55	0.61	0.61	0.61	0.60	0.65	0.64	0.60
119189	BP-F-800/20/2,5	Manufacturing	0.64	0.65	1.11	0.62	0.22	0.63	0.67	0.65	0.67	0.66	0.32	0.61	0.94	
		Distribution	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
		Installation	0.81	0.73	0.85	0.63	0.47	0.41	0.40	0.50	0.48	0.55	0.55	0.41	0.39	0.41


Product Number	Product Description	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 NMVOC eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m ³ eq.)
		End of Life	0.62	0.62	0.72	0.64	0.66	0.62	0.80	0.62	0.62	0.62	0.72	0.62	0.62
		Module D	0.59	0.59	1.38	1.00	0.51	0.60	0.53	0.59	0.60	0.59	0.63	0.62	0.59
102359	BP-F-800/17/3-P	Manufacturing	0.62	0.62	1.11	0.60	0.20	0.61	0.65	0.62	0.64	0.63	0.29	0.59	0.90
		Distribution	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
		Installation	0.79	0.71	0.84	0.61	0.45	0.39	0.38	0.48	0.46	0.53	0.38	0.37	0.39
		End of Life	0.61	0.61	0.70	0.62	0.65	0.61	0.77	0.61	0.61	0.61	0.70	0.60	0.61
		Module D	0.57	0.57	1.40	1.00	0.50	0.58	0.52	0.58	0.58	0.57	0.61	0.60	0.57
102379	BP-F-800/17/3-P-W	Manufacturing	0.62	0.62	1.11	0.60	0.20	0.61	0.65	0.62	0.64	0.63	0.29	0.59	0.90
		Distribution	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
		Installation	0.79	0.71	0.84	0.61	0.45	0.39	0.38	0.48	0.46	0.53	0.38	0.37	0.39
		End of Life	0.61	0.61	0.70	0.62	0.65	0.61	0.77	0.61	0.61	0.61	0.70	0.60	0.61
		Module D	0.57	0.57	1.40	1.00	0.50	0.58	0.52	0.58	0.58	0.57	0.61	0.60	0.57
187844	BP-F-800/17/3-P-F3A	Manufacturing	0.62	0.62	1.11	0.60	0.20	0.61	0.65	0.62	0.64	0.63	0.29	0.59	0.90
		Distribution	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
		Installation	0.79	0.71	0.84	0.61	0.45	0.39	0.38	0.48	0.46	0.53	0.38	0.37	0.39
		End of Life	0.61	0.61	0.70	0.62	0.65	0.61	0.77	0.61	0.61	0.61	0.70	0.60	0.61
		Module D	0.57	0.57	1.40	1.00	0.50	0.58	0.52	0.58	0.58	0.57	0.61	0.60	0.57
102356	BP-F-400/20/3-P	Manufacturing	0.62	0.62	1.12	0.60	0.20	0.60	0.65	0.62	0.64	0.63	0.29	0.59	0.89
		Distribution	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
		Installation	0.79	0.71	0.84	0.61	0.45	0.39	0.38	0.48	0.46	0.53	0.38	0.37	0.39
		End of Life	0.60	0.60	0.70	0.62	0.65	0.61	0.77	0.61	0.61	0.61	0.69	0.60	0.60
		Module D	0.57	0.57	1.40	1.00	0.50	0.58	0.52	0.58	0.58	0.57	0.61	0.60	0.57
102376	BP-F-400/20/3-P-W	Manufacturing	0.62	0.62	1.12	0.60	0.20	0.60	0.65	0.62	0.64	0.63	0.29	0.59	0.89
		Distribution	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
		Installation	0.79	0.71	0.84	0.61	0.45	0.39	0.38	0.48	0.46	0.53	0.38	0.37	0.39
		End of Life	0.60	0.60	0.70	0.62	0.65	0.61	0.77	0.61	0.61	0.61	0.69	0.60	0.60
		Module D	0.57	0.57	1.40	1.00	0.50	0.58	0.52	0.58	0.58	0.57	0.61	0.60	0.57
187841	BP-F-400/20/3-P-F3A	Manufacturing	0.62	0.62	1.12	0.60	0.20	0.60	0.65	0.62	0.64	0.63	0.29	0.59	0.89
		Distribution	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
		Installation	0.79	0.71	0.84	0.61	0.45	0.39	0.38	0.48	0.46	0.53	0.38	0.37	0.39
		End of Life	0.60	0.60	0.70	0.62	0.65	0.61	0.77	0.61	0.61	0.61	0.69	0.60	0.60
		Module D	0.57	0.57	1.40	1.00	0.50	0.58	0.52	0.58	0.58	0.57	0.61	0.60	0.57
102059	BP-F-800/17/3	Manufacturing	0.60	0.61	1.12	0.59	0.19	0.59	0.63	0.61	0.63	0.62	0.28	0.58	0.87
		Distribution	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
		Installation	0.78	0.70	0.83	0.60	0.44	0.38	0.37	0.47	0.45	0.52	0.37	0.36	0.38
		End of Life	0.60	0.60	0.69	0.61	0.64	0.60	0.75	0.60	0.60	0.60	0.68	0.59	0.60
		Module D	0.56	0.56	1.42	1.00	0.49	0.57	0.51	0.57	0.57	0.56	0.60	0.59	0.56
102339	BP-F-800/17/3-W	Manufacturing	0.60	0.61	1.12	0.59	0.19	0.59	0.63	0.61	0.63	0.62	0.28	0.58	0.87
		Distribution	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
		Installation	0.78	0.70	0.83	0.60	0.44	0.38	0.37	0.47	0.45	0.52	0.37	0.36	0.38
		End of Life	0.60	0.60	0.69	0.61	0.64	0.60	0.75	0.60	0.60	0.60	0.68	0.59	0.60
		Module D	0.56	0.56	1.42	1.00	0.49	0.57	0.51	0.57	0.57	0.56	0.60	0.59	0.56
102056	BP-F-400/20/3	Manufacturing	0.60	0.61	1.12	0.59	0.19	0.59	0.63	0.61	0.63	0.62	0.28	0.58	0.87
		Distribution	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
		Installation	0.78	0.70	0.83	0.60	0.44	0.38	0.37	0.47	0.45	0.52	0.37	0.36	0.38
		End of Life	0.60	0.60	0.69	0.61	0.64	0.60	0.75	0.60	0.60	0.60	0.68	0.59	0.60
		Module D	0.56	0.56	1.42	1.00	0.49	0.57	0.51	0.57	0.57	0.56	0.60	0.59	0.56
102336	BP-F-400/20/3-W	Manufacturing	0.60	0.61	1.12	0.59	0.19	0.59	0.63	0.61	0.63	0.62	0.28	0.58	0.87
		Distribution	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
		Installation	0.78	0.70	0.83	0.60	0.44	0.38	0.37	0.47	0.45	0.52	0.37	0.36	0.38
		End of Life	0.60	0.60	0.69	0.61	0.64	0.60	0.75	0.60	0.60	0.60	0.68	0.59	0.60
		Module D	0.56	0.56	1.42	1.00	0.49	0.57	0.51	0.57	0.57	0.56	0.60	0.59	0.56
120692	BP-F-1000/20/3-F	Manufacturing	0.59	0.60	1.12	0.59	0.18	0.58	0.62	0.60	0.62	0.61	0.27	0.57	0.86
		Distribution	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
		Installation	0.78	0.69	0.83	0.59	0.43	0.37	0.36	0.46	0.44	0.51	0.36	0.35	0.37
		End of Life	0.59	0.59	0.68	0.60	0.63	0.59	0.74	0.59	0.59	0.59	0.67	0.59	0.59
		Module D	0.55	0.55	1.42	1.00	0.48	0.56	0.50	0.56	0.56	0.55	0.60	0.59	0.55
120696	BP-F-1000/20/3-F-W	Manufacturing	0.59	0.60	1.12	0.59	0.18	0.58	0.62	0.60	0.62	0.61	0.27	0.57	0.86
		Distribution	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59
		Installation	0.78	0.69	0.83	0.59	0.43	0.37	0.36	0.46	0.44	0.51	0.36	0.35	0.37
		End of Life	0.59	0.59	0.68	0.60	0.63	0.59	0.74	0.59	0.59	0.59	0.67	0.59	0.59
		Module D	0.55	0.55	1.42	1.00	0.48	0.56	0.50	0.56	0.56	0.55	0.60	0.59	0.55
120759	BP-F-400/20/4-F	Manufacturing	0.56	0.57	1.13	0.56	0.16	0.55	0.59	0.57	0.58	0.58	0.24	0.54	0.81
		Distribution	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57	0.57
		Installation	0.76	0.67	0.81	0.57	0.41	0.34	0.33	0.44	0.41	0.49	0.34	0.33	0.35
		End of Life	0.57	0.57	0.66	0.58	0.61	0.57	0.70	0.57	0.57	0.57	0.64	0.57	0.57
		Module D	0.53	0.53	1.44	1.00	0.46	0.54	0.48	0.54	0.54	0.53	0.57	0.56	0.53
102355	BP-F-400/17/3-P	Manufacturing	0.54	0.55	1.13	0.55	0.15	0.53	0.57	0.54	0.56	0.55	0.22	0.53	0.77

Product Number	Product Description	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 NMVOC eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m ³ eq.)		
		Distribution	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	
		Installation	0.74	0.66	0.79	0.55	0.39	0.33	0.32	0.43	0.40	0.47	0.32	0.31	0.33	0.33	
		End of Life	0.55	0.55	0.64	0.57	0.60	0.55	0.67	0.55	0.55	0.55	0.55	0.61	0.55	0.55	0.55
		Module D	0.51	0.52	1.46	1.00	0.45	0.52	0.47	0.52	0.52	0.52	0.52	0.56	0.55	0.51	0.51
102375	BP-F-400/17/3-P-W	Manufacturing	0.54	0.55	1.13	0.55	0.15	0.53	0.57	0.54	0.56	0.55	0.22	0.53	0.77	0.77	
		Distribution	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
		Installation	0.74	0.66	0.79	0.55	0.39	0.33	0.32	0.43	0.40	0.47	0.32	0.31	0.33	0.33	0.33
		End of Life	0.55	0.55	0.64	0.57	0.60	0.55	0.67	0.55	0.55	0.55	0.55	0.61	0.55	0.55	0.55
		Module D	0.51	0.52	1.46	1.00	0.45	0.52	0.47	0.52	0.52	0.52	0.52	0.56	0.55	0.51	0.51
187840	BP-F-400/17/3-P-F3A	Manufacturing	0.54	0.55	1.13	0.55	0.15	0.53	0.57	0.54	0.56	0.55	0.22	0.53	0.77	0.77	
		Distribution	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
		Installation	0.74	0.66	0.79	0.55	0.39	0.33	0.32	0.43	0.40	0.47	0.32	0.31	0.33	0.33	0.33
		End of Life	0.55	0.55	0.64	0.57	0.60	0.55	0.67	0.55	0.55	0.55	0.55	0.61	0.55	0.55	0.55
119188	BP-F-600/20/2,5	Manufacturing	0.54	0.55	1.13	0.55	0.15	0.53	0.57	0.54	0.56	0.55	0.22	0.53	0.77	0.77	
		Distribution	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
		Installation	0.74	0.66	0.79	0.55	0.39	0.33	0.32	0.43	0.40	0.47	0.32	0.31	0.33	0.33	0.33
		End of Life	0.55	0.55	0.64	0.57	0.60	0.55	0.67	0.55	0.55	0.55	0.55	0.61	0.55	0.55	0.55
		Module D	0.51	0.52	1.46	1.00	0.45	0.52	0.47	0.52	0.52	0.52	0.52	0.56	0.55	0.51	0.51
120691	BP-F-1000/17/3-F	Manufacturing	0.53	0.54	1.13	0.54	0.14	0.52	0.57	0.54	0.55	0.55	0.22	0.52	0.76	0.76	
		Distribution	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
		Installation	0.74	0.66	0.79	0.55	0.39	0.32	0.31	0.42	0.39	0.47	0.32	0.30	0.33	0.33	0.33
		End of Life	0.55	0.55	0.64	0.56	0.59	0.55	0.66	0.55	0.55	0.55	0.55	0.61	0.55	0.55	0.55
120695	BP-F-1000/17/3-F-W	Manufacturing	0.53	0.54	1.13	0.54	0.14	0.52	0.57	0.54	0.55	0.55	0.22	0.52	0.76	0.76	
		Distribution	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
		Installation	0.74	0.66	0.79	0.55	0.39	0.32	0.31	0.42	0.39	0.47	0.32	0.30	0.33	0.33	0.33
		End of Life	0.55	0.55	0.64	0.56	0.59	0.55	0.66	0.55	0.55	0.55	0.55	0.61	0.55	0.55	0.55
		Module D	0.51	0.51	1.46	1.00	0.44	0.52	0.47	0.52	0.52	0.52	0.51	0.55	0.54	0.51	0.51
102055	BP-F-400/17/3	Manufacturing	0.53	0.53	1.13	0.54	0.14	0.51	0.56	0.53	0.55	0.54	0.21	0.51	0.75	0.75	
		Distribution	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
		Installation	0.73	0.65	0.79	0.54	0.38	0.32	0.31	0.42	0.39	0.46	0.31	0.30	0.32	0.32	0.32
		End of Life	0.54	0.54	0.63	0.55	0.59	0.54	0.65	0.54	0.54	0.54	0.54	0.60	0.54	0.54	0.54
		Module D	0.50	0.51	1.47	1.00	0.44	0.51	0.46	0.51	0.51	0.51	0.51	0.55	0.54	0.50	0.50
102335	BP-F-400/17/3-W	Manufacturing	0.53	0.53	1.13	0.54	0.14	0.51	0.56	0.53	0.55	0.54	0.21	0.51	0.75	0.75	
		Distribution	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54
		Installation	0.73	0.65	0.79	0.54	0.38	0.32	0.31	0.42	0.39	0.46	0.31	0.30	0.32	0.32	0.32
		End of Life	0.54	0.54	0.63	0.55	0.59	0.54	0.65	0.54	0.54	0.54	0.54	0.60	0.54	0.54	0.54
102400	BP-F-800/20/3-F	Manufacturing	0.50	0.51	1.13	0.52	0.13	0.49	0.53	0.50	0.52	0.51	0.19	0.49	0.70	0.70	
		Distribution	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
		Installation	0.72	0.63	0.77	0.53	0.36	0.30	0.29	0.40	0.37	0.45	0.29	0.28	0.30	0.30	0.30
		End of Life	0.52	0.52	0.61	0.54	0.57	0.53	0.61	0.53	0.53	0.53	0.53	0.57	0.52	0.52	0.52
		Module D	0.48	0.49	1.48	1.00	0.42	0.49	0.45	0.49	0.50	0.49	0.49	0.53	0.52	0.49	0.49
102412	BP-F-800/20/3-F-W	Manufacturing	0.50	0.51	1.13	0.52	0.12	0.48	0.53	0.50	0.51	0.51	0.19	0.49	0.69	0.69	
		Distribution	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53	0.53
		Installation	0.72	0.63	0.77	0.53	0.36	0.30	0.29	0.40	0.37	0.45	0.29	0.28	0.30	0.30	0.30
		End of Life	0.52	0.52	0.61	0.54	0.57	0.53	0.61	0.53	0.53	0.53	0.53	0.57	0.52	0.52	0.52
		Module D	0.48	0.49	1.48	1.00	0.42	0.49	0.45	0.49	0.50	0.49	0.49	0.53	0.52	0.49	0.49
120758	BP-F-1200/20/2,5-F	Manufacturing	0.50	0.50	1.13	0.52	0.12	0.48	0.53	0.50	0.51	0.51	0.19	0.49	0.69	0.69	
		Distribution	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
		Installation	0.71	0.63	0.77	0.52	0.36	0.29	0.28	0.39	0.37	0.44	0.29	0.27	0.30	0.30	0.30
		End of Life	0.52	0.52	0.60	0.53	0.56	0.52	0.60	0.52	0.52	0.52	0.52	0.56	0.52	0.52	0.52
		Module D	0.48	0.48	1.48	1.00	0.42	0.49	0.44	0.49	0.49	0.49	0.49	0.52	0.51	0.48	0.48
119187	BP-F-400/20/2,5	Manufacturing	0.44	0.45	1.13	0.48	0.10	0.42	0.48	0.45	0.46	0.45	0.15	0.44	0.60	0.60	
		Distribution	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
		Installation	0.68	0.59	0.73	0.49	0.32	0.25	0.25	0.36	0.33	0.40	0.25	0.24	0.26	0.26	0.26
		End of Life	0.48	0.48	0.55	0.49	0.52	0.48	0.51	0.48	0.49	0.48	0.48	0.50	0.48	0.48	0.48
		Module D	0.44	0.45	1.50	1.00	0.39	0.45	0.41	0.45	0.45	0.45	0.45	0.48	0.47	0.44	0.44
102398	BP-F-600/20/3-F	Manufacturing	0.44	0.45	1.13	0.48	0.10	0.42	0.47	0.44	0.45	0.45	0.15	0.44	0.59	0.59	
		Distribution	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
		Installation	0.68	0.59	0.73	0.48	0.32	0.25	0.25	0.35	0.33	0.40	0.25	0.24	0.26	0.26	0.26
		End of Life	0.48	0.48	0.55	0.49	0.52	0.48	0.51	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48
		Module D	0.44	0.45	1.50	1.00	0.39	0.45	0.41	0.45	0.45	0.45	0.45	0.48	0.47	0.44	0.44
102410	BP-F-600/20/3-F-W	Manufacturing	0.44	0.45	1.13	0.48	0.10	0.42	0.47	0.44	0.45	0.45	0.15	0.44	0.59	0.59	
		Distribution	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
		Installation	0.68	0.59	0.73	0.48	0.32	0.25	0.25	0.35	0.33	0.40	0.25	0.24	0.26	0.26	0.26
		End of Life	0.48	0.48	0.55	0.49	0.52	0.48	0.51	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48

Product Number	Product Description	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 NMVOC eq.)	ADP-e (kg Sb eq.)	ADP-f (MJ)	WDP (m ³ eq.)	
120757	BP-F-1000/20/2,5-F	Module D	0.44	0.45	1.50	1.00	0.39	0.45	0.41	0.45	0.45	0.45	0.48	0.47	0.44	
		Manufacturing	0.42	0.43	1.13	0.47	0.09	0.40	0.45	0.43	0.43	0.43	0.43	0.13	0.43	0.56
		Distribution	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
		Installation	0.66	0.58	0.71	0.47	0.31	0.24	0.23	0.34	0.31	0.39	0.39	0.24	0.22	0.25
		End of Life	0.47	0.47	0.53	0.47	0.51	0.47	0.48	0.47	0.47	0.47	0.47	0.48	0.47	0.47
102399	BP-F-800/17/3-F	Module D	0.43	0.43	1.51	1.00	0.38	0.44	0.40	0.44	0.44	0.43	0.46	0.46	0.43	
		Manufacturing	0.41	0.42	1.13	0.46	0.09	0.39	0.45	0.42	0.43	0.42	0.42	0.13	0.42	0.55
		Distribution	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
		Installation	0.66	0.57	0.71	0.47	0.30	0.24	0.23	0.34	0.31	0.39	0.39	0.23	0.22	0.24
		End of Life	0.46	0.46	0.52	0.47	0.50	0.46	0.46	0.46	0.47	0.46	0.46	0.47	0.46	0.46
102411	BP-F-800/17/3-F-W	Module D	0.42	0.43	1.51	1.00	0.37	0.43	0.40	0.43	0.43	0.43	0.46	0.45	0.42	
		Manufacturing	0.41	0.42	1.13	0.46	0.09	0.39	0.45	0.42	0.43	0.42	0.42	0.13	0.42	0.55
		Distribution	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47	0.47
		Installation	0.66	0.57	0.71	0.47	0.30	0.24	0.23	0.34	0.31	0.39	0.39	0.23	0.22	0.24
		End of Life	0.46	0.46	0.52	0.47	0.50	0.46	0.46	0.46	0.47	0.46	0.46	0.47	0.46	0.46
102397	BP-F-600/17/3-F	Module D	0.41	0.41	1.51	1.00	0.36	0.42	0.38	0.42	0.42	0.41	0.44	0.44	0.41	
		Manufacturing	0.39	0.40	1.12	0.45	0.08	0.37	0.42	0.40	0.40	0.40	0.40	0.11	0.40	0.51
		Distribution	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
		Installation	0.64	0.56	0.69	0.45	0.29	0.22	0.21	0.32	0.29	0.37	0.37	0.22	0.20	0.23
		End of Life	0.45	0.45	0.50	0.45	0.48	0.45	0.43	0.45	0.45	0.45	0.45	0.44	0.45	0.45
102409	BP-F-600/17/3-F-W	Module D	0.41	0.41	1.51	1.00	0.36	0.42	0.38	0.42	0.42	0.41	0.44	0.44	0.41	
		Manufacturing	0.39	0.40	1.12	0.45	0.08	0.37	0.42	0.40	0.40	0.40	0.40	0.11	0.40	0.51
		Distribution	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
		Installation	0.64	0.56	0.69	0.45	0.29	0.22	0.21	0.32	0.29	0.37	0.37	0.22	0.20	0.23
		End of Life	0.45	0.45	0.50	0.45	0.48	0.45	0.43	0.45	0.45	0.45	0.45	0.44	0.45	0.45
120756	BP-F-800/20/2,5-F	Module D	0.35	0.36	1.50	1.00	0.32	0.36	0.34	0.36	0.36	0.36	0.38	0.38	0.36	
		Manufacturing	0.30	0.30	1.08	0.38	0.05	0.28	0.33	0.30	0.30	0.30	0.30	0.05	0.32	0.33
		Distribution	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
		Installation	0.58	0.50	0.63	0.40	0.24	0.18	0.17	0.27	0.25	0.32	0.32	0.17	0.16	0.18
		End of Life	0.40	0.40	0.42	0.39	0.42	0.40	0.29	0.40	0.40	0.40	0.40	0.34	0.40	0.40
102396	BP-F-400/20/3-F	Module D	0.34	0.34	1.49	1.00	0.30	0.35	0.33	0.35	0.35	0.35	0.37	0.36	0.34	
		Manufacturing	0.30	0.30	1.08	0.38	0.05	0.28	0.33	0.30	0.30	0.30	0.30	0.05	0.32	0.33
		Distribution	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
		Installation	0.56	0.48	0.61	0.38	0.23	0.16	0.16	0.26	0.23	0.31	0.31	0.16	0.15	0.17
		End of Life	0.38	0.38	0.39	0.37	0.40	0.38	0.25	0.38	0.38	0.38	0.38	0.31	0.38	0.38
102408	BP-F-400/20/3-F-W	Module D	0.34	0.34	1.49	1.00	0.30	0.35	0.33	0.35	0.35	0.35	0.37	0.36	0.34	
		Manufacturing	0.30	0.30	1.08	0.38	0.05	0.28	0.33	0.30	0.30	0.30	0.30	0.05	0.32	0.33
		Distribution	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
		Installation	0.56	0.48	0.61	0.38	0.23	0.16	0.16	0.26	0.23	0.31	0.31	0.16	0.15	0.17
		End of Life	0.38	0.38	0.39	0.37	0.40	0.38	0.25	0.38	0.38	0.38	0.38	0.31	0.38	0.38
102395	BP-F-400/17/3-F	Module D	0.31	0.32	1.46	1.00	0.28	0.32	0.31	0.32	0.32	0.32	0.34	0.33	0.32	
		Manufacturing	0.26	0.27	1.06	0.35	0.04	0.24	0.29	0.27	0.26	0.26	0.26	0.03	0.29	0.27
		Distribution	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
		Installation	0.53	0.45	0.58	0.35	0.20	0.14	0.13	0.23	0.21	0.28	0.28	0.14	0.13	0.15
		End of Life	0.35	0.35	0.34	0.34	0.37	0.35	0.18	0.35	0.35	0.35	0.35	0.26	0.35	0.35
102407	BP-F-400/17/3-F-W	Module D	0.31	0.32	1.46	1.00	0.28	0.32	0.31	0.32	0.32	0.32	0.34	0.33	0.32	
		Manufacturing	0.26	0.27	1.06	0.35	0.04	0.24	0.29	0.27	0.26	0.26	0.26	0.03	0.29	0.27
		Distribution	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
		Installation	0.53	0.45	0.58	0.35	0.20	0.14	0.13	0.23	0.21	0.28	0.28	0.14	0.13	0.15
		End of Life	0.35	0.35	0.34	0.34	0.37	0.35	0.18	0.35	0.35	0.35	0.35	0.26	0.35	0.35
120755	BP-F-600/20/2,5-F	Module D	0.29	0.30	1.44	1.00	0.27	0.30	0.29	0.30	0.30	0.30	0.31	0.31	0.30	
		Manufacturing	0.24	0.25	1.04	0.33	0.03	0.22	0.27	0.24	0.24	0.24	0.24	0.02	0.27	0.23
		Distribution	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
		Installation	1.00	1.00	1.00	1.00	0.99	0.99	0.99	1.00	0.99	1.00	1.00	0.99	0.99	0.99
		End of Life	0.31	0.31	0.26	0.28	0.30	0.31	0.06	0.31	0.31	0.31	0.31	0.17	0.31	0.31
120754	BP-F-400/20/2,5-F	Module D	0.30	0.30	1.44	1.00	0.27	0.30	0.29	0.30	0.31	0.30	0.32	0.32	0.30	
		Manufacturing	0.24	0.25	1.04	0.33	0.03	0.22	0.27	0.24	0.24	0.24	0.24	0.02	0.27	0.23
		Distribution	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
		Installation	1.00	1.00	1.00	1.00	0.99	0.99	0.99	1.00	0.99	1.00	1.00	0.99	0.99	0.99
		End of Life	0.31	0.31	0.26	0.28	0.30	0.31	0.06	0.31	0.31	0.31	0.31	0.17	0.31	0.31

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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)			
<i>PEPs are compliant with XP C08-100-1:2016 and EN 50693:2019</i> <i>The components of the present PEP may not be compared with components from any other program.</i>			
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