



Stainless Steel Cable Gland

Eaton Product	CAP187209 (Stainless Steel Cable Gland)
Description of the product	<p>Eaton's range of metallic industrial cable glands NEWCAP allows the connection of non-armoured cables or steel wire braided armoured cables, which makes it perfectly suitable for EMC purposes.</p> <p>It is designed for strict adherence to global specifications meeting North American and international codes and standards and regional certifications.</p> <p>The CAP187209 Cable Gland is suitable for non armoured and braided cables (EMC Application). Temperature range: -20 °C to +80 °C</p>
Homogeneous Environmental Families Covered	The PEP covers Cable Glands of various sizes ranges cable diameters 3.0mm to 53mm.
Functional unit	To protect the wiring and cables at entrance conduit of electrical or electronics product against extreme temperature, potentially hazardous environment and to protect the products from ingress of water and dust for lifetime for 20 years. Product shall conform to EN 62444 standard.
Company information	<p>COOPER CAPRI SAS 36-40 Rue des Fontenils, 41600 Nouan-le-Fuzelier, France Email: productstewardship-es@eaton.com</p>

Constituent Materials			
Reference product mass	3.56E+01g (One Cable Gland with unit packaging)		
Category PEP Material	Materials	Mass (g)	Percentage (%)
Metal	Stainless steel	3.27E+01	91.93%
Plastic	Rubber	1.30E+00	3.66%
Other	Cardboard	9.10E-01	2.56%
Plastic	PA66	5.32E-01	1.50%
Plastic	Tetrafluoroethylene	1.00E-01	0.28%
Plastic	polyethylene	2.30E-02	<0.1%
Other	Paper	3.33E-03	<0.1%
Other	Glue	4.10E-04	<0.1%
Metal	Silicon	2.56E-04	<0.1%
Total		3.56E+01	100%

Substance Assessment

The representative product is compliant with the EU-RoHS Directive (2011/65/EU) without any exemption and the product does not contain any 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 Eaton plant holding management system certifications according to ISO9001 & 14001 standards.
Distribution	Eaton is committed to minimizing weight and volume of product and packaging with focus to optimize transport efficiency.
Installation	Product needs standard tools which do not require any additional energy source and no waste other than the obsolete product packaging is generated during this step.
Use	The reference product CAP187209 used across France and rest of the Europe. Product do not consume any energy or resources during useful life.
End of life	Recyclability of product is equal to 88.8% 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 environmental impacts is the result of a Product Life Cycle Analysis in accordance with ISO 14040/44, covering the entire product lifecycle, i.e. "from 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 v5.9.3 with database version CODDE-2022-01.

Manufacturing Phase	Eaton, COOPER CAPRI SAS Energy modelled used: France
Distribution Phase	Distribution of the product in its packaging from the manufacturer's last logistics platform to the installation place is considered and distributed in two locations - 90% in France (660km by Road) and rest of the Europe (3500km by Road).
Installation Phase	Product installed in two locations - France and rest of Europe. Only treatment of packaging waste is considered in this phase. <u>Energy model used:</u> Europe
Use Phase	<u>Reference lifetime:</u> 20 Years (assumed) <u>Energy model used:</u> France & Europe <u>Usage profile:</u> No energy consumption in use phase of the product. Product do not need any maintenance.
End of life Phase	Product used in Europe has followed WEEE directive for product disposal. <u>Energy model used:</u> Europe

Mandatory Environmental Impact Indicators

Phases	Unit	Total	Manufacturing	Distribution	Installation	Use	End of life
Global warming (GWP100)	kg.CO ₂ equivalent	8.53E-01	8.49E-01	2.13E-03	1.10E-04	0.00E+00	1.46E-03
Ozone depletion (ODP)	kg.CFC-11 equivalent	1.26E-06	1.26E-06	4.32E-12	3.62E-13	0.00E+00	4.01E-12
Acidification of soil and water	kg.SO ₂ equivalent	1.48E-03	1.47E-03	9.57E-06	8.26E-08	0.00E+00	6.51E-06
Water eutrophication (EP)	kg.PO ₄ ³⁻ equivalent.	2.18E-04	2.13E-04	2.20E-06	8.82E-08	0.00E+00	2.97E-06
Photochemical Ozone formation (POCP)	kg. C ₂ H ₄ equivalent.	1.58E-04	1.57E-04	6.80E-07	2.51E-08	0.00E+00	4.67E-07
Abiotic depletion (elements) (ADPe)	kg.Sb equivalent	1.14E-04	1.14E-04	8.53E-11	1.01E-12	0.00E+00	5.90E-11
Abiotic depletion (fossil fuels) (ADPf)	MJ	7.72E+00	7.67E+00	2.99E-02	1.76E-04	0.00E+00	2.01E-02
Water pollution (WP)	m ³	2.91E+01	2.86E+01	3.50E-01	1.94E-03	0.00E+00	2.35E-01
Air pollution (AP)	m ³	1.85E+02	1.85E+02	8.73E-02	3.10E-03	0.00E+00	6.37E-02

Additional Inventory Flow Indicators

Phases	Unit	Total	Manufacturing	Distribution	Installation	Use	End of life
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	MJ	8.36E-02	8.36E-02	4.01E-05	3.87E-06	0.00E+00	3.90E-05
Use of renewable primary energy resources used as raw materials	MJ	2.34E-02	2.34E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	1.07E-01	1.07E-01	4.01E-05	3.87E-06	0.00E+00	3.90E-05
Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	MJ	9.51E+00	9.46E+00	3.01E-02	1.88E-04	0.00E+00	2.03E-02
Use of non-renewable primary energy resources used as raw materials	MJ	8.72E-02	8.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	9.59E+00	9.54E+00	3.01E-02	1.88E-04	0.00E+00	2.03E-02
Net use of fresh water	m ³	9.40E-02	9.40E-02	1.91E-07	3.47E-08	0.00E+00	1.71E-07
Hazardous waste disposed of	kg	8.30E+00	8.30E+00	0.00E+00	6.17E-08	0.00E+00	2.04E-07
Non-hazardous waste disposed of	kg	3.29E-01	3.25E-01	7.57E-05	1.30E-04	0.00E+00	3.84E-03
Radioactive waste disposed of	kg	2.40E-04	2.39E-04	5.39E-08	4.52E-09	0.00E+00	5.01E-08
Materials for recycling	kg	1.58E-01	1.27E-01	0.00E+00	7.32E-04	0.00E+00	3.08E-02
Materials for energy recovery	kg	3.83E-04	1.79E-04	0.00E+00	6.58E-05	0.00E+00	1.39E-04
Exported energy	MJ by energy vector	6.65E-05	0.00E+00	0.00E+00	6.65E-05	0.00E+00	0.00E+00
Total use of primary energy during the life cycle	MJ	9.70E+00	9.65E+00	3.01E-02	1.92E-04	0.00E+00	2.03E-02

For manufacturing and End of life, impacts for other products covered in homogeneous family varies with respect to changes in material weight of individual component. However, impacts for Distribution and Installation are proportion to the weight of the product. No impacts during use phase.

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

Part No	Impact Indicator	GWP100	ODP	Acidification	EP	POCP	ADPe	ADPf	WP	AP
	Phases	kg CO ₂ e	kg CFC-11 e	kg SO ₂ e	kg PO ₄ ³⁻ e	kg C ₂ H ₄ e	kg Sb e	MJ	m ³	m ³
CAP186079	Manufacturing	0.08	0.30	0.07	-0.36	0.11	0.05	0.06	0.12	0.06
	Distribution	0.38								
	Installation	0.38								
	Use	0.00								
	End of Life	0.03	0.15	0.06	0.15	0.03	0.06	0.04	0.03	0.03
CAP186099	Manufacturing	0.53	0.73	0.53	0.31	0.55	0.52	0.52	0.55	0.52
	Distribution	0.69								
	Installation	0.69								
	Use	0.00								
	End of Life	0.51	0.57	0.52	0.57	0.51	0.52	0.51	0.51	0.51
CAP186119	Manufacturing	0.84	0.92	0.84	0.76	0.85	0.84	0.84	0.85	0.84
	Distribution	0.89								
	Installation	0.89								
	Use	0.00								
	End of Life	0.83	0.85	0.84	0.85	0.83	0.84	0.83	0.83	0.83
CAP186139	Manufacturing	1.04	1.02	1.04	1.05	1.03	1.04	1.04	1.03	1.04
	Distribution	1.02								
	Installation	1.02								
	Use	0.00								
	End of Life	1.04	1.03	1.04	1.03	1.04	1.04	1.04	1.04	1.04
CAP186179	Manufacturing	1.66	1.26	1.66	1.96	1.63	1.68	1.67	1.63	1.67
	Distribution	1.44								
	Installation	1.44								
	Use	0.00								
	End of Life	1.69	1.60	1.67	1.60	1.69	1.67	1.68	1.69	1.69
CAP186189	Manufacturing	2.83	1.58	2.84	3.70	2.76	2.89	2.86	2.76	2.86
	Distribution	2.23								
	Installation	2.23								
	Use	0.00								
	End of Life	2.93	2.69	2.86	2.69	2.93	2.86	2.90	2.92	2.93
CAP186199	Manufacturing	1.84	1.32	1.84	2.24	1.81	1.87	1.86	1.81	1.86
	Distribution	1.56								
	Installation	1.56								
	Use	0.00								
	End of Life	1.88	1.77	1.85	1.77	1.88	1.85	1.87	1.88	1.89
CAP186289	Manufacturing	3.47	1.71	3.48	4.63	3.37	3.54	3.51	3.36	3.51

Part No	Impact Indicator	GWP100	ODP	Acidification	EP	POCP	ADPe	ADPf	WP	AP	
	Phases	kg CO ₂ e	kg CFC-11 e	kg SO ₂ e	kg PO ₄ ³⁻ e	kg C ₂ H ₄ e	kg Sb e	MJ	m ³	m ³	
	Distribution	2.65									
	Installation	2.65									
	Use	0.00									
	End of Life	3.60	3.27	3.51	3.27	3.60	3.51	3.56	3.59	3.60	
CAP186299	Manufacturing	5.00	1.94	5.01	6.88	4.84	5.12	5.06	4.83	5.06	
	Distribution	3.67									
	Installation	3.67									
	Use	0.00									
	End of Life	5.20	4.68	5.06	4.68	5.20	5.06	5.14	5.19	5.21	
	CAP186369	Manufacturing	8.07	2.26	8.09	11.40	7.79	8.28	8.19	7.77	8.19
		Distribution	5.73								
		Installation	5.73								
Use		0.00									
	End of Life	8.43	7.50	8.18	7.50	8.43	8.18	8.33	8.41	8.44	
	CAP186489	Manufacturing	16.14	2.75	16.19	23.27	15.53	16.60	16.40	15.50	16.39
		Distribution	11.13								
		Installation	11.13								
Use		0.00									
	End of Life	16.92	14.93	16.37	14.93	16.92	16.37	16.69	16.86	16.94	
	CAP186499	Manufacturing	16.35	2.75	16.40	23.57	15.73	16.81	16.61	15.69	16.60
		Distribution	11.27								
		Installation	11.27								
Use		0.00									
	End of Life	17.13	15.12	16.58	15.12	17.13	16.58	16.91	17.08	17.16	
	CAP187129	Manufacturing	0.04	0.26	0.04	-0.41	0.08	0.01	0.03	0.08	0.03
		Distribution	0.36								
		Installation	0.36								
Use		0.00									
	End of Life	-0.01	0.12	0.03	0.12	-0.01	0.03	0.01	0.00	-0.01	
	CAP187169	Manufacturing	0.59	0.77	0.59	0.39	0.60	0.57	0.58	0.60	0.58
		Distribution	0.72								
		Installation	0.72								
Use		0.00									
	End of Life	0.57	0.62	0.58	0.62	0.57	0.58	0.57	0.57	0.56	
	CAP187209	Manufacturing	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Distribution	1.00								
		Installation	1.00								
Use		0.00									
	End of Life	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
	CAP187259	Manufacturing	1.65	1.26	1.65	1.95	1.62	1.66	1.66	1.62	1.66
		Distribution	1.43								
		Installation	1.43								
Use		0.00									

Part No	Impact Indicator	GWP100	ODP	Acidification	EP	POCP	ADPe	ADPf	WP	AP
	Phases	kg CO ₂ e	kg CFC-11 e	kg SO ₂ e	kg PO ₄ ³⁻ e	kg C ₂ H ₄ e	kg Sb e	MJ	m ³	m ³
	End of Life	1.68	1.59	1.65	1.59	1.68	1.65	1.67	1.68	1.68
CAP187329	Manufacturing	3.00	1.62	3.01	3.94	2.92	3.06	3.03	2.91	3.03
	Distribution	2.34								
	Installation	2.34								
	Use	0.00								
	End of Life	3.10	2.84	3.03	2.84	3.10	3.03	3.07	3.09	3.10
CAP187409	Manufacturing	4.84	1.92	4.86	6.65	4.69	4.96	4.91	4.68	4.91
	Distribution	3.57								
	Installation	3.57								
	Use	0.00								
	End of Life	5.04	4.53	4.90	4.53	5.04	4.90	4.98	5.03	5.05
CAP187509	Manufacturing	7.89	2.25	7.91	11.13	7.61	8.10	8.01	7.60	8.00
	Distribution	5.61								
	Installation	5.61								
	Use	0.00								
	End of Life	8.24	7.34	7.99	7.34	8.24	7.99	8.14	8.22	8.26
CAP187549	Manufacturing	0.18	0.43	0.18	-0.20	0.22	0.16	0.17	0.22	0.17
	Distribution	0.45								
	Installation	0.45								
	Use	0.00								
	End of Life	0.14	0.25	0.17	0.25	0.14	0.17	0.15	0.14	0.14
CAP187559	Manufacturing	0.68	0.83	0.68	0.53	0.69	0.67	0.67	0.69	0.67
	Distribution	0.79								
	Installation	0.79								
	Use	0.00								
	End of Life	0.66	0.71	0.68	0.71	0.66	0.68	0.67	0.66	0.66
CAP187569	Manufacturing	1.34	1.15	1.34	1.50	1.33	1.35	1.34	1.32	1.34
	Distribution	1.23								
	Installation	1.23								
	Use	0.00								
	End of Life	1.36	1.31	1.34	1.31	1.36	1.34	1.35	1.36	1.36
CAP187579	Manufacturing	2.96	1.61	2.97	3.89	2.88	3.02	3.00	2.88	3.00
	Distribution	2.31								
	Installation	2.31								
	Use	0.00								
	End of Life	3.06	2.81	2.99	2.81	3.06	2.99	3.03	3.06	3.07
CAP187589	Manufacturing	4.84	1.92	4.85	6.65	4.68	4.95	4.90	4.68	4.90
	Distribution	3.57								
	Installation	3.57								
	Use	0.00								
	End of Life	5.03	4.53	4.90	4.53	5.03	4.90	4.98	5.02	5.04
CAP187599	Manufacturing	8.23	2.28	8.26	11.64	7.94	8.45	8.36	7.93	8.35
	Distribution	5.84								

Part No	Impact Indicator	GWP100	ODP	Acidification	EP	POCP	ADPe	ADPf	WP	AP
	Phases	kg CO ₂ e	kg CFC-11 e	kg SO ₂ e	kg PO ₄ ³⁻ e	kg C ₂ H ₄ e	kg Sb e	MJ	m ³	m ³
	Installation	5.84								
	Use	0.00								
	End of Life	8.60	7.65	8.34	7.65	8.60	8.34	8.50	8.58	8.62
CAP187609	Manufacturing	14.02	2.65	14.07	20.15	13.50	14.42	14.25	13.47	14.24
	Distribution	9.72								
	Installation	9.72								
	Use	0.00								
	End of Life	14.69	12.98	14.22	12.98	14.69	14.22	14.50	14.64	14.71
CAP187639	Manufacturing	16.29	2.75	16.35	23.49	15.68	16.76	16.56	15.64	16.55
	Distribution	11.24								
	Installation	11.24								
	Use	0.00								
	End of Life	17.08	15.07	16.52	15.07	17.08	16.52	16.85	17.02	17.11
CAP189129	Manufacturing	0.08	0.31	0.08	-0.35	0.12	0.06	0.07	0.12	0.07
	Distribution	0.39								
	Installation	0.39								
	Use	0.00								
	End of Life	0.04	0.16	0.07	0.16	0.04	0.07	0.05	0.04	0.04
CAP189169	Manufacturing	0.62	0.79	0.62	0.44	0.63	0.61	0.61	0.63	0.61
	Distribution	0.74								
	Installation	0.74								
	Use	0.00								
	End of Life	0.60	0.65	0.61	0.65	0.60	0.61	0.60	0.60	0.60
CAP189209	Manufacturing	1.11	1.05	1.11	1.17	1.11	1.12	1.12	1.11	1.12
	Distribution	1.08								
	Installation	1.08								
	Use	0.00								
	End of Life	1.12	1.10	1.12	1.10	1.12	1.12	1.12	1.12	1.12
CAP189259	Manufacturing	1.69	1.27	1.69	2.01	1.66	1.71	1.70	1.66	1.70
	Distribution	1.46								
	Installation	1.46								
	Use	0.00								
	End of Life	1.72	1.63	1.70	1.63	1.72	1.70	1.71	1.72	1.72
CAP189409	Manufacturing	4.88	1.93	4.90	6.71	4.73	5.00	4.95	4.72	4.95
	Distribution	3.60								
	Installation	3.60								
	Use	0.00								
	End of Life	5.08	4.57	4.94	4.57	5.08	4.94	5.02	5.07	5.09
CAP189509	Manufacturing	8.05	2.26	8.08	11.37	7.77	8.27	8.17	7.75	8.17
	Distribution	5.72								
	Installation	5.72								
	Use	0.00								
	End of Life	8.41	7.49	8.16	7.49	8.41	8.16	8.31	8.39	8.43

Part No	Impact Indicator	GWP100	ODP	Acidification	EP	POCP	ADPe	ADPf	WP	AP
	Phases	kg CO ₂ e	kg CFC-11 e	kg SO ₂ e	kg PO ₄ ³⁻ e	kg C ₂ H ₄ e	kg Sb e	MJ	m ³	m ³
CAP189589	Manufacturing	4.88	1.93	4.89	6.71	4.72	5.00	4.95	4.71	4.94
	Distribution	3.60								
	Installation	3.60								
	Use	0.00								
	End of Life	5.08	4.57	4.94	4.57	5.08	4.94	5.02	5.06	5.08
CAP189599	Manufacturing	8.27	2.28	8.30	11.70	7.98	8.49	8.40	7.96	8.39
	Distribution	5.87								
	Installation	5.87								
	Use	0.00								
	End of Life	8.65	7.69	8.38	7.69	8.65	8.38	8.54	8.62	8.66
CAP189609	Manufacturing	14.06	2.65	14.11	20.21	13.54	14.46	14.29	13.51	14.28
	Distribution	9.74								
	Installation	9.74								
	Use	0.00								
	End of Life	14.73	13.02	14.26	13.02	14.73	14.26	14.54	14.68	14.75
CAP189639	Manufacturing	16.58	2.76	16.63	23.91	15.95	17.05	16.85	15.92	16.84
	Distribution	11.43								
	Installation	11.43								
	Use	0.00								
	End of Life	17.38	15.33	16.81	15.33	17.38	16.81	17.15	17.32	17.41
CAP192129V1	Manufacturing	0.32	0.56	0.32	0.01	0.35	0.30	0.31	0.35	0.31
	Distribution	0.55								
	Installation	0.55								
	Use	0.00								
	End of Life	0.29	0.38	0.31	0.38	0.29	0.31	0.30	0.29	0.29
CAP192159V1	Manufacturing	0.74	0.86	0.74	0.62	0.75	0.73	0.74	0.75	0.74
	Distribution	0.83								
	Installation	0.83								
	Use	0.00								
	End of Life	0.73	0.76	0.74	0.76	0.73	0.74	0.73	0.73	0.73
CAP192169V1	Manufacturing	0.87	0.93	0.87	0.81	0.87	0.87	0.87	0.88	0.87
	Distribution	0.91								
	Installation	0.91								
	Use	0.00								
	End of Life	0.86	0.88	0.87	0.88	0.86	0.87	0.86	0.86	0.86
CAP192199V1	Manufacturing	1.85	1.33	1.86	2.26	1.82	1.88	1.87	1.82	1.87
	Distribution	1.57								
	Installation	1.57								
	Use	0.00								
	End of Life	1.90	1.79	1.87	1.79	1.90	1.87	1.89	1.90	1.90
CAP192209V1	Manufacturing	1.53	1.22	1.53	1.78	1.51	1.55	1.54	1.51	1.54
	Distribution	1.36								
	Installation	1.36								

Part No	Impact Indicator	GWP100	ODP	Acidification	EP	POCP	ADPe	ADPf	WP	AP
	Phases	kg CO ₂ e	kg CFC-11 e	kg SO ₂ e	kg PO ₄ ³⁻ e	kg C ₂ H ₄ e	kg Sb e	MJ	m ³	m ³
	Use	0.00								
	End of Life	1.56	1.49	1.54	1.49	1.56	1.54	1.55	1.56	1.56
CAP192249V1	Manufacturing	2.56	1.52	2.57	3.30	2.50	2.61	2.59	2.50	2.59
	Distribution	2.05								
	Installation	2.05								
	Use	0.00								
	End of Life	2.64	2.44	2.59	2.44	2.64	2.59	2.62	2.64	2.65
CAP192259V1	Manufacturing	2.26	1.44	2.26	2.85	2.21	2.30	2.28	2.20	2.28
	Distribution	1.84								
	Installation	1.84								
	Use	0.00								
	End of Life	2.32	2.16	2.28	2.16	2.32	2.28	2.30	2.32	2.32
CAP192319V1	Manufacturing	4.40	1.86	4.41	6.00	4.27	4.50	4.46	4.26	4.46
	Distribution	3.28								
	Installation	3.28								
	Use	0.00								
	End of Life	4.58	4.13	4.45	4.13	4.58	4.45	4.53	4.56	4.58
CAP192329V1	Manufacturing	3.78	1.76	3.79	5.09	3.67	3.86	3.83	3.66	3.82
	Distribution	2.86								
	Installation	2.86								
	Use	0.00								
	End of Life	3.92	3.56	3.82	3.56	3.92	3.82	3.88	3.91	3.93
CAP192399V1	Manufacturing	6.39	2.11	6.41	8.93	6.18	6.56	6.49	6.16	6.48
	Distribution	4.61								
	Installation	4.61								
	Use	0.00								
	End of Life	6.67	5.96	6.48	5.96	6.67	6.48	6.59	6.65	6.68
CAP192409V1	Manufacturing	6.00	2.06	6.02	8.36	5.80	6.16	6.09	5.79	6.09
	Distribution	4.35								
	Installation	4.35								
	Use	0.00								
	End of Life	6.26	5.60	6.08	5.60	6.26	6.08	6.19	6.24	6.27
CAP192499V1	Manufacturing	10.19	2.42	10.22	14.51	9.82	10.46	10.34	9.80	10.34
	Distribution	7.15								
	Installation	7.15								
	Use	0.00								
	End of Life	10.66	9.45	10.32	9.45	10.66	10.32	10.52	10.62	10.67
CAP192509V1	Manufacturing	9.28	2.36	9.31	13.18	8.95	9.53	9.42	8.93	9.42
	Distribution	6.54								
	Installation	6.54								
	Use	0.00								
	End of Life	9.70	8.62	9.40	8.62	9.70	9.40	9.58	9.67	9.72
CAP192629V1	Manufacturing	16.50	2.76	16.55	23.80	15.88	16.97	16.77	15.84	16.76


Part No	Impact Indicator	GWP100	ODP	Acidification	EP	POCP	ADPe	ADPf	WP	AP	
	Phases	kg CO ₂ e	kg CFC-11 e	kg SO ₂ e	kg PO ₄ ³⁻ e	kg C ₂ H ₄ e	kg Sb e	MJ	m ³	m ³	
	Distribution	11.37									
	Installation	11.37									
	Use	0.00									
	End of Life	17.29	15.26	16.73	15.26	17.29	16.73	17.06	17.24	17.32	
CAP192639V1	Manufacturing	17.48	2.80	17.54	25.24	16.82	17.98	17.77	16.78	17.76	
	Distribution	12.03									
	Installation	12.03									
	Use	0.00									
	End of Life	18.33	16.17	17.73	16.17	18.33	17.73	18.08	18.27	18.36	
	CAP193129V1	Manufacturing	0.38	0.61	0.38	0.09	0.41	0.36	0.37	0.41	0.37
		Distribution	0.59								
		Installation	0.59								
Use		0.00									
	End of Life	0.35	0.43	0.37	0.43	0.35	0.37	0.36	0.35	0.35	
	CAP193159V1	Manufacturing	0.77	0.88	0.77	0.66	0.78	0.76	0.76	0.78	0.76
		Distribution	0.84								
		Installation	0.84								
Use		0.00									
	End of Life	0.76	0.79	0.76	0.79	0.76	0.76	0.76	0.76	0.76	
	CAP193169V1	Manufacturing	0.91	0.96	0.91	0.87	0.91	0.91	0.91	0.91	0.91
		Distribution	0.94								
		Installation	0.94								
Use		0.00									
	End of Life	0.91	0.92	0.91	0.92	0.91	0.91	0.91	0.91	0.91	
	CAP193199V1	Manufacturing	1.60	1.25	1.61	1.89	1.58	1.62	1.61	1.58	1.61
		Distribution	1.40								
		Installation	1.40								
Use		0.00									
	End of Life	1.64	1.56	1.61	1.56	1.64	1.61	1.63	1.63	1.64	
	CAP193209V1	Manufacturing	1.64	1.26	1.64	1.94	1.61	1.66	1.65	1.61	1.65
		Distribution	1.43								
		Installation	1.43								
Use		0.00									
	End of Life	1.67	1.59	1.65	1.59	1.67	1.65	1.66	1.67	1.67	
	CAP193249V1	Manufacturing	2.68	1.55	2.68	3.47	2.61	2.73	2.71	2.61	2.70
		Distribution	2.12								
		Installation	2.12								
Use		0.00									
	End of Life	2.76	2.54	2.70	2.54	2.76	2.70	2.74	2.76	2.77	
	CAP193259V1	Manufacturing	2.33	1.46	2.33	2.95	2.28	2.37	2.35	2.27	2.35
		Distribution	1.89								
		Installation	1.89								
Use		0.00									

Part No	Impact Indicator	GWP100	ODP	Acidification	EP	POCP	ADPe	ADPf	WP	AP
	Phases	kg CO ₂ e	kg CFC-11 e	kg SO ₂ e	kg PO ₄ ³⁻ e	kg C ₂ H ₄ e	kg Sb e	MJ	m ³	m ³
	End of Life	2.40	2.22	2.35	2.22	2.40	2.35	2.38	2.39	2.40
CAP193319V1	Manufacturing	4.46	1.87	4.47	6.09	4.32	4.56	4.52	4.31	4.52
	Distribution	3.31								
	Installation	3.31								
	Use	0.00								
	End of Life	4.64	4.18	4.51	4.18	4.64	4.51	4.58	4.62	4.64
CAP193329V1	Manufacturing	3.84	1.77	3.85	5.18	3.73	3.93	3.89	3.72	3.89
	Distribution	2.90								
	Installation	2.90								
	Use	0.00								
	End of Life	3.99	3.61	3.88	3.61	3.99	3.88	3.94	3.98	3.99
CAP193399V1	Manufacturing	6.38	2.11	6.40	8.91	6.16	6.54	6.47	6.15	6.47
	Distribution	4.60								
	Installation	4.60								
	Use	0.00								
	End of Life	6.66	5.95	6.46	5.95	6.66	6.46	6.58	6.64	6.67
CAP193409V1	Manufacturing	6.04	2.07	6.06	8.42	5.84	6.20	6.13	5.83	6.13
	Distribution	4.38								
	Installation	4.38								
	Use	0.00								
	End of Life	6.30	5.64	6.12	5.64	6.30	6.12	6.23	6.29	6.31
CAP193499V1	Manufacturing	10.23	2.43	10.27	14.58	9.86	10.51	10.39	9.84	10.39
	Distribution	7.18								
	Installation	7.18								
	Use	0.00								
	End of Life	10.71	9.50	10.37	9.50	10.71	10.37	10.57	10.67	10.72
CAP193509V1	Manufacturing	9.47	2.37	9.50	13.46	9.13	9.73	9.62	9.11	9.61
	Distribution	6.67								
	Installation	6.67								
	Use	0.00								
	End of Life	9.91	8.79	9.60	8.79	9.91	9.60	9.78	9.88	9.92
CAP193629V1	Manufacturing	16.54	2.76	16.59	23.86	15.92	17.01	16.81	15.88	16.80
	Distribution	11.40								
	Installation	11.40								
	Use	0.00								
	End of Life	17.34	15.30	16.77	15.30	17.34	16.77	17.11	17.28	17.37
CAP193639V1	Manufacturing	17.80	2.81	17.86	25.71	17.13	18.31	18.09	17.09	18.08
	Distribution	12.24								
	Installation	12.24								
	Use	0.00								
	End of Life	18.66	16.46	18.05	16.46	18.66	18.05	18.41	18.60	18.69
CAP189329	Manufacturing	3.04	1.62	3.05	4.00	2.96	3.10	3.07	2.95	3.07
	Distribution	2.36								

Part No	Impact Indicator	GWP100	ODP	Acidification	EP	POCP	ADPe	ADPf	WP	AP
	Phases	kg CO ₂ e	kg CFC-11 e	kg SO ₂ e	kg PO ₄ ³⁻ e	kg C ₂ H ₄ e	kg Sb e	MJ	m ³	m ³
	Installation	2.36								
	Use	0.00								
	End of Life	3.14	2.88	3.07	2.88	3.14	3.07	3.11	3.14	3.15

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Independent verification of the declaration and data, in compliance with ISO 14025: 2010			
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<i>The elements of the present PEP cannot be compared with elements from another program.</i>			
<i>Document in compliance with ISO 14025: 2010 « Environmental labels and declarations. Type III environmental declarations »</i>			