

This appendix refers to the EPD MD-24091-EN, developed according to EN15804+A2:2019. Results in the appendix communicate LCA results in the format described in EN15804+A1:2013, in order to accommodate a need in the transition period between the two standard revisions. The appendix cannot stand alone, as the reference EPD describes the basis of the assessment.

Compact P HMI Køl/Sol

Compact P HMI Køl/Sol

ENVIRONMENTAL EFFECTS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	1,59E+03	6,25E+00	0,00E+00	8,76E-01	1,02E+01	1,55E+00	-3,53E+02
ODP	[kg CFC11-eq.]	2,70E-03	9,75E-13	0,00E+00	1,36E-13	1,80E-10	3,45E-12	1,69E-10
AP	[kg SO2-eq.]	6,81E+00	7,03E-03	0,00E+00	9,35E-04	1,13E-02	4,71E-03	-1,26E+00
EP	[kg PO43--eq.]	5,71E-01	1,55E-03	0,00E+00	2,04E-04	2,09E-03	3,96E-03	-6,30E-02
POCP	[kg ethene-eq.]	5,43E-01	-8,02E-04	0,00E+00	-9,23E-05	9,97E-04	4,05E-04	-1,59E-01
ADPE	[kg Sb-eq.]	1,13E-01	4,20E-07	0,00E+00	5,87E-08	2,65E-06	4,94E-08	-2,84E-02
ADPF	[MJ]	1,81E+04	8,53E+01	0,00E+00	1,19E+01	1,04E+02	2,26E+01	-3,66E+03
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources							

Compact P HMI Køl/Sol

RESSOURCE CONSUMPTION PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	2,61E+03	6,31E+00	0,00E+00	8,82E-01	6,40E+01	2,38E+00	-2,92E+02
PERM	[MJ]	1,25E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	2,74E+03	6,31E+00	0,00E+00	8,82E-01	6,40E+01	2,38E+00	-2,92E+02
PENRE	[MJ]	1,97E+04	8,70E+01	0,00E+00	1,22E+01	1,62E+02	2,38E+01	-3,77E+03
PENRM	[MJ]	5,91E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,03E+04	8,70E+01	0,00E+00	1,22E+01	1,62E+02	2,38E+01	-3,77E+03
SM	[kg]	4,38E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	2,96E-23	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	3,48E-22	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m³]	6,48E+00	6,91E-03	0,00E+00	9,66E-04	4,45E-02	1,02E-03	-2,73E+01
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water							

Compact P HMI Køl/Sol

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	1,29E-04	2,70E-10	0,00E+00	3,77E-11	1,22E-08	1,80E-09	-1,94E-05
NHWD	[kg]	1,29E+02	1,33E-02	0,00E+00	1,85E-03	1,60E-01	3,61E+01	3,73E+01
RWD	[kg]	5,55E-01	1,63E-04	0,00E+00	2,28E-05	2,06E-02	2,80E-04	-5,91E-02
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	7,59E+01	0,00E+00	0,00E+00	0,00E+00	1,74E+02	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy							

Compact P2 KSF

x

Compact P2 KSF

ENVIRONMENTAL EFFECTS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	1,52E+03	6,35E+00	0,00E+00	8,91E-01	1,06E+01	1,43E+00	-3,61E+02
ODP	[kg CFC11-eq.]	2,71E-03	9,92E-13	0,00E+00	1,39E-13	1,85E-10	3,20E-12	1,69E-10
AP	[kg SO2-eq.]	6,28E+00	7,15E-03	0,00E+00	9,50E-04	1,16E-02	4,41E-03	-1,31E+00
EP	[kg PO43--eq.]	5,50E-01	1,58E-03	0,00E+00	2,08E-04	2,16E-03	3,61E-03	-6,48E-02
POCP	[kg ethene-eq.]	5,21E-01	-8,16E-04	0,00E+00	-9,38E-05	1,03E-03	3,78E-04	-1,64E-01
ADPE	[kg Sb-eq.]	1,03E-01	4,27E-07	0,00E+00	5,97E-08	2,73E-06	4,59E-08	-3,05E-02
ADPF	[MJ]	1,71E+04	8,68E+01	0,00E+00	1,21E+01	1,07E+02	2,08E+01	-3,75E+03
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources							

Compact P2 KSF

RESSOURCE CONSUMPTION PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	2,46E+03	6,42E+00	0,00E+00	8,97E-01	6,57E+01	2,21E+00	-2,95E+02
PERM	[MJ]	1,25E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	2,58E+03	6,42E+00	0,00E+00	8,97E-01	6,57E+01	2,21E+00	-2,95E+02
PENRE	[MJ]	1,85E+04	8,85E+01	0,00E+00	1,24E+01	1,66E+02	2,19E+01	-3,85E+03
PENRM	[MJ]	5,20E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,91E+04	8,85E+01	0,00E+00	1,24E+01	1,66E+02	2,19E+01	-3,85E+03
SM	[kg]	4,50E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	2,96E-23	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	3,48E-22	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m³]	6,02E+00	7,03E-03	0,00E+00	9,82E-04	4,59E-02	1,00E-03	-2,80E+01
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water							

Compact P2 KSF

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	1,12E-04	2,74E-10	0,00E+00	3,83E-11	1,26E-08	1,64E-09	-1,99E-05
NHWD	[kg]	1,26E+02	1,35E-02	0,00E+00	1,89E-03	1,70E-01	3,43E+01	3,98E+01
RWD	[kg]	5,01E-01	1,66E-04	0,00E+00	2,31E-05	2,11E-02	2,58E-04	-5,81E-02
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	7,72E+01	0,00E+00	0,00E+00	0,00E+00	1,79E+02	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy							

Compact P Køl/Sol incl. AIR9

Compact P Køl/Sol incl. AIR9

ENVIRONMENTAL EFFECTS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	3,54E+03	1,18E+01	0,00E+00	1,65E+00	1,93E+01	2,86E+00	-7,63E+02
ODP	[kg CFC11-eq.]	6,55E-03	1,84E-12	0,00E+00	2,57E-13	3,36E-10	6,36E-12	-3,10E-11
AP	[kg SO2-eq.]	1,61E+01	1,32E-02	0,00E+00	1,76E-03	2,11E-02	8,69E-03	-2,97E+00
EP	[kg PO43--eq.]	1,26E+00	2,92E-03	0,00E+00	3,85E-04	3,94E-03	7,29E-03	-1,50E-01
POCP	[kg ethene-eq.]	1,23E+00	-1,51E-03	0,00E+00	-1,74E-04	1,86E-03	7,47E-04	-3,17E-01
ADPE	[kg Sb-eq.]	2,61E-01	7,92E-07	0,00E+00	1,11E-07	4,98E-06	9,10E-08	-7,00E-02
ADPF	[MJ]	3,93E+04	1,61E+02	0,00E+00	2,25E+01	1,92E+02	4,16E+01	-7,92E+03
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources							

Compact P Køl/Sol incl. AIR9

RESSOURCE CONSUMPTION PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	5,66E+03	1,19E+01	0,00E+00	1,66E+00	1,20E+02	4,39E+00	-1,20E+03
PERM	[MJ]	2,76E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	5,94E+03	1,19E+01	0,00E+00	1,66E+00	1,20E+02	4,39E+00	-1,20E+03
PENRE	[MJ]	4,30E+04	1,64E+02	0,00E+00	2,29E+01	2,99E+02	4,38E+01	-8,53E+03
PENRM	[MJ]	9,55E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4,40E+04	1,64E+02	0,00E+00	2,29E+01	2,99E+02	4,38E+01	-8,53E+03
SM	[kg]	8,01E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	2,96E-23	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	3,48E-22	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m³]	1,47E+01	1,30E-02	0,00E+00	1,82E-03	8,37E-02	1,89E-03	-4,84E+01
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water							

Compact P Køl/Sol incl. AIR9

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	2,77E-04	5,08E-10	0,00E+00	7,09E-11	2,28E-08	3,31E-09	-3,34E-05
NHWD	[kg]	2,70E+02	2,50E-02	0,00E+00	3,49E-03	3,28E-01	6,67E+01	4,96E+01
RWD	[kg]	1,17E+00	3,07E-04	0,00E+00	4,29E-05	3,82E-02	5,16E-04	-2,36E-01
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	1,43E+02	0,00E+00	0,00E+00	0,00E+00	3,28E+02	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy							

Compact P2 KSF AIR incl. AIR9

Compact P2 KSF AIR incl. AIR9

ENVIRONMENTAL EFFECTS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	3,66E+03	1,19E+01	0,00E+00	1,68E+00	2,01E+01	2,34E+00	-7,90E+02
ODP	[kg CFC11-eq.]	6,55E-03	1,87E-12	0,00E+00	2,61E-13	3,48E-10	5,31E-12	-3,69E-11
AP	[kg SO2-eq.]	1,70E+01	1,34E-02	0,00E+00	1,79E-03	2,19E-02	7,46E-03	-3,10E+00
EP	[kg PO43--eq.]	1,31E+00	2,97E-03	0,00E+00	3,91E-04	4,08E-03	5,72E-03	-1,56E-01
POCP	[kg ethene-eq.]	1,29E+00	-1,53E-03	0,00E+00	-1,77E-04	1,93E-03	6,34E-04	-3,29E-01
ADPE	[kg Sb-eq.]	2,77E-01	8,04E-07	0,00E+00	1,12E-07	5,16E-06	7,66E-08	-7,39E-02
ADPF	[MJ]	4,05E+04	1,63E+02	0,00E+00	2,28E+01	1,99E+02	3,39E+01	-8,20E+03
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources							

Compact P2 KSF AIR incl. AIR9

RESSOURCE CONSUMPTION PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	5,94E+03	1,21E+01	0,00E+00	1,69E+00	1,24E+02	3,68E+00	-1,23E+03
PERM	[MJ]	2,76E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	6,21E+03	1,21E+01	0,00E+00	1,69E+00	1,24E+02	3,68E+00	-1,23E+03
PENRE	[MJ]	4,46E+04	1,66E+02	0,00E+00	2,33E+01	3,10E+02	3,56E+01	-8,82E+03
PENRM	[MJ]	7,73E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	4,54E+04	1,66E+02	0,00E+00	2,33E+01	3,10E+02	3,56E+01	-8,82E+03
SM	[kg]	8,47E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	2,96E-23	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	3,48E-22	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m³]	1,56E+01	1,32E-02	0,00E+00	1,85E-03	8,68E-02	1,91E-03	-5,01E+01
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water							

Compact P2 KSF AIR incl. AIR9

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	2,91E-04	5,15E-10	0,00E+00	7,20E-11	2,37E-08	2,60E-09	-3,46E-05
NHWD	[kg]	2,78E+02	2,54E-02	0,00E+00	3,55E-03	3,45E-01	6,05E+01	5,28E+01
RWD	[kg]	1,22E+00	3,12E-04	0,00E+00	4,35E-05	3,95E-02	4,19E-04	-2,42E-01
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	1,46E+02	0,00E+00	0,00E+00	0,00E+00	3,41E+02	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy							

Compact P Køl/Sol GEO9

Compact P Køl/Sol GEO9

ENVIRONMENTAL EFFECTS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	2,21E+03	8,10E+00	0,00E+00	1,14E+00	1,28E+01	2,84E+00	-4,41E+02
ODP	[kg CFC11-eq.]	4,60E-03	1,26E-12	0,00E+00	1,77E-13	2,17E-10	6,17E-12	-1,31E-10
AP	[kg SO2-eq.]	1,06E+01	9,12E-03	0,00E+00	1,21E-03	1,39E-02	8,19E-03	-2,43E+00
EP	[kg PO43--eq.]	7,86E-01	2,01E-03	0,00E+00	2,65E-04	2,59E-03	7,50E-03	-9,43E-02
POCP	[kg ethene-eq.]	7,68E-01	-1,04E-03	0,00E+00	-1,20E-04	1,22E-03	7,14E-04	-2,19E-01
ADPE	[kg Sb-eq.]	2,20E-01	5,45E-07	0,00E+00	7,62E-08	3,21E-06	8,77E-08	-8,65E-02
ADPF	[MJ]	2,55E+04	1,11E+02	0,00E+00	1,55E+01	1,25E+02	4,14E+01	-4,52E+03
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources							

Compact P Køl/Sol GEO9

RESSOURCE CONSUMPTION PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	4,12E+03	8,18E+00	0,00E+00	1,14E+00	7,72E+01	4,24E+00	-5,37E+02
PERM	[MJ]	1,25E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	4,24E+03	8,18E+00	0,00E+00	1,14E+00	7,72E+01	4,24E+00	-5,37E+02
PENRE	[MJ]	2,79E+04	1,13E+02	0,00E+00	1,58E+01	1,95E+02	4,36E+01	-4,63E+03
PENRM	[MJ]	8,87E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,88E+04	1,13E+02	0,00E+00	1,58E+01	1,95E+02	4,36E+01	-4,63E+03
SM	[kg]	5,72E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	2,96E-23	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	3,48E-22	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m³]	9,76E+00	8,96E-03	0,00E+00	1,25E-03	5,48E-02	1,45E-03	-2,97E+01
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water							

Compact P Køl/Sol GEO9

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	1,90E-04	3,50E-10	0,00E+00	4,88E-11	1,48E-08	3,41E-09	-2,06E-05
NHWD	[kg]	1,74E+02	1,72E-02	0,00E+00	2,40E-03	2,35E-01	5,93E+01	8,09E+01
RWD	[kg]	8,38E-01	2,11E-04	0,00E+00	2,95E-05	2,48E-02	5,14E-04	-5,19E-02
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	9,86E+01	0,00E+00	0,00E+00	0,00E+00	2,13E+02	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy							

Compact P2 KSF GEO9

Compact P2 KSF GEO9

ENVIRONMENTAL EFFECTS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	2,06E+03	8,27E+00	0,00E+00	1,16E+00	1,37E+01	1,82E+00	-4,80E+02
ODP	[kg CFC11-eq.]	4,59E-03	1,29E-12	0,00E+00	1,80E-13	2,40E-10	4,09E-12	-1,19E-10
AP	[kg SO2-eq.]	9,86E+00	9,31E-03	0,00E+00	1,24E-03	1,51E-02	5,67E-03	-2,65E+00
EP	[kg PO43--eq.]	7,39E-01	2,06E-03	0,00E+00	2,71E-04	2,80E-03	4,55E-03	-1,02E-01
POCP	[kg ethene-eq.]	7,22E-01	-1,06E-03	0,00E+00	-1,22E-04	1,33E-03	4,85E-04	-2,41E-01
ADPE	[kg Sb-eq.]	2,04E-01	5,57E-07	0,00E+00	7,78E-08	3,55E-06	5,88E-08	-9,45E-02
ADPF	[MJ]	2,33E+04	1,13E+02	0,00E+00	1,58E+01	1,38E+02	2,65E+01	-4,92E+03
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources							

Compact P2 KSF GEO9

RESSOURCE CONSUMPTION PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	3,92E+03	8,36E+00	0,00E+00	1,17E+00	8,55E+01	2,83E+00	-5,48E+02
PERM	[MJ]	1,25E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	4,05E+03	8,36E+00	0,00E+00	1,17E+00	8,55E+01	2,83E+00	-5,48E+02
PENRE	[MJ]	2,56E+04	1,15E+02	0,00E+00	1,61E+01	2,15E+02	2,78E+01	-5,01E+03
PENRM	[MJ]	5,69E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,62E+04	1,15E+02	0,00E+00	1,61E+01	2,15E+02	2,78E+01	-5,01E+03
SM	[kg]	6,86E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	2,96E-23	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	3,47E-22	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m³]	9,12E+00	9,15E-03	0,00E+00	1,28E-03	5,96E-02	1,34E-03	-3,32E+01
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water							

Compact P2 KSF GEO9

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	1,56E-04	3,57E-10	0,00E+00	4,99E-11	1,63E-08	2,07E-09	-2,31E-05
NHWD	[kg]	1,79E+02	1,76E-02	0,00E+00	2,46E-03	2,22E-01	4,47E+01	9,12E+01
RWD	[kg]	7,50E-01	2,16E-04	0,00E+00	3,01E-05	2,74E-02	3,27E-04	-4,85E-02
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	9,98E+01	0,00E+00	0,00E+00	0,00E+00	2,33E+02	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy							

Compact P Polar Køl/Sol EK9

Compact P Polar Køl/Sol EK9

ENVIRONMENTAL EFFECTS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	2,22E+03	6,65E+00	0,00E+00	9,33E-01	1,09E+01	2,19E+00	-3,52E+02
ODP	[kg CFC11-eq.]	2,70E-03	1,04E-12	0,00E+00	1,45E-13	1,79E-10	4,76E-12	1,38E-10
AP	[kg SO2-eq.]	1,09E+01	7,48E-03	0,00E+00	9,95E-04	1,17E-02	6,31E-03	-1,31E+00
EP	[kg PO43--eq.]	8,00E-01	1,65E-03	0,00E+00	2,18E-04	2,19E-03	5,80E-03	-6,42E-02
POCP	[kg ethene-eq.]	7,91E-01	-8,54E-04	0,00E+00	-9,82E-05	1,02E-03	5,50E-04	-1,59E-01
ADPE	[kg Sb-eq.]	2,01E-01	4,47E-07	0,00E+00	6,25E-08	2,65E-06	6,76E-08	-3,10E-02
ADPF	[MJ]	2,58E+04	9,08E+01	0,00E+00	1,27E+01	1,04E+02	3,20E+01	-3,65E+03
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources							

Compact P Polar Køl/Sol EK9

RESSOURCE CONSUMPTION PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	3,85E+03	6,72E+00	0,00E+00	9,39E-01	6,37E+01	3,27E+00	-3,16E+02
PERM	[MJ]	1,25E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	3,97E+03	6,72E+00	0,00E+00	9,39E-01	6,37E+01	3,27E+00	-3,16E+02
PENRE	[MJ]	2,86E+04	9,26E+01	0,00E+00	1,29E+01	1,61E+02	3,37E+01	-3,77E+03
PENRM	[MJ]	7,78E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,94E+04	9,26E+01	0,00E+00	1,29E+01	1,61E+02	3,37E+01	-3,77E+03
SM	[kg]	4,65E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	2,96E-23	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	3,48E-22	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m³]	9,67E+00	7,36E-03	0,00E+00	1,03E-03	4,61E-02	1,11E-03	-2,66E+01
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water							

Compact P Polar Køl/Sol EK9

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	2,41E-04	2,87E-10	0,00E+00	4,01E-11	1,22E-08	2,63E-09	-1,88E-05
NHWD	[kg]	1,45E+02	1,41E-02	0,00E+00	1,97E-03	2,24E-01	4,56E+01	3,69E+01
RWD	[kg]	8,99E-01	1,73E-04	0,00E+00	2,42E-05	2,05E-02	3,97E-04	-6,10E-02
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	8,07E+01	0,00E+00	0,00E+00	0,00E+00	1,78E+02	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy							

Compact P2 KSF Polar EK9

Compact P2 KSF Polar EK9

ENVIRONMENTAL EFFECTS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO2-eq.]	2,24E+03	6,67E+00	0,00E+00	9,35E-01	1,10E+01	2,03E+00	-3,57E+02
ODP	[kg CFC11-eq.]	2,70E-03	1,04E-12	0,00E+00	1,45E-13	1,82E-10	4,43E-12	1,31E-10
AP	[kg SO2-eq.]	1,11E+01	7,50E-03	0,00E+00	9,97E-04	1,19E-02	5,91E-03	-1,35E+00
EP	[kg PO43--eq.]	8,11E-01	1,66E-03	0,00E+00	2,18E-04	2,22E-03	5,35E-03	-6,54E-02
POCP	[kg ethene-eq.]	8,03E-01	-8,56E-04	0,00E+00	-9,85E-05	1,04E-03	5,15E-04	-1,62E-01
ADPE	[kg Sb-eq.]	2,07E-01	4,48E-07	0,00E+00	6,26E-08	2,69E-06	6,31E-08	-3,32E-02
ADPF	[MJ]	2,60E+04	9,10E+01	0,00E+00	1,27E+01	1,06E+02	2,97E+01	-3,69E+03
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources							

Compact P2 KSF Polar EK9

RESSOURCE CONSUMPTION PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	3,89E+03	6,73E+00	0,00E+00	9,41E-01	6,49E+01	3,05E+00	-3,21E+02
PERM	[MJ]	1,25E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	4,02E+03	6,73E+00	0,00E+00	9,41E-01	6,49E+01	3,05E+00	-3,21E+02
PENRE	[MJ]	2,89E+04	9,29E+01	0,00E+00	1,30E+01	1,64E+02	3,12E+01	-3,81E+03
PENRM	[MJ]	7,07E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	2,96E+04	9,29E+01	0,00E+00	1,30E+01	1,64E+02	3,12E+01	-3,81E+03
SM	[kg]	4,66E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	2,96E-23	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	3,48E-22	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m³]	9,80E+00	7,37E-03	0,00E+00	1,03E-03	4,68E-02	1,09E-03	-2,69E+01
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water							

Compact P2 KSF Polar EK9

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	2,45E-04	2,88E-10	0,00E+00	4,02E-11	1,25E-08	2,43E-09	-1,90E-05
NHWD	[kg]	1,47E+02	1,42E-02	0,00E+00	1,98E-03	2,22E-01	4,32E+01	3,91E+01
RWD	[kg]	9,06E-01	1,74E-04	0,00E+00	2,43E-05	2,09E-02	3,68E-04	-5,99E-02
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	8,04E+01	0,00E+00	0,00E+00	0,00E+00	1,81E+02	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy							

Compact S Køl/Sol

x

Compact S Køl/Sol

ENVIRONMENTAL EFFECTS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
GWP	[kg CO ₂ -eq.]	1,46E+03	5,79E+00	0,00E+00	8,12E-01	9,69E+00	1,20E+00	-3,55E+02
ODP	[kg CFC11-eq.]	2,71E-03	9,04E-13	0,00E+00	1,26E-13	1,73E-10	2,67E-12	1,15E-10
AP	[kg SO ₂ -eq.]	6,17E+00	6,51E-03	0,00E+00	8,66E-04	1,08E-02	3,66E-03	-1,29E+00
EP	[kg PO ₄ -eq.]	5,17E-01	1,44E-03	0,00E+00	1,90E-04	1,99E-03	3,03E-03	-6,54E-02
POCP	[kg ethene-eq.]	4,99E-01	-7,43E-04	0,00E+00	-8,55E-05	9,55E-04	3,14E-04	-1,56E-01
ADPE	[kg Sb-eq.]	9,80E-02	3,89E-07	0,00E+00	5,44E-08	2,56E-06	3,83E-08	-2,89E-02
ADPF	[MJ]	1,63E+04	7,91E+01	0,00E+00	1,11E+01	1,00E+02	1,74E+01	-3,69E+03
Caption	GWP = Global warming potential; ODP = Ozone depletion potential; AP = Acidification potential of soil and water; EP = Eutrophication potential; POCP = Photochemical ozone creation potential; ADPE = Abiotic depletion potential for non fossil resources; ADPF = Abiotic depletion potential for fossil resources							

Compact S Køl/Sol

RESSOURCE CONSUMPTION PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
PERE	[MJ]	2,31E+03	5,85E+00	0,00E+00	8,17E-01	6,16E+01	1,84E+00	-3,82E+02
PERM	[MJ]	1,16E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PERT	[MJ]	2,42E+03	5,85E+00	0,00E+00	8,17E-01	6,16E+01	1,84E+00	-3,82E+02
PENRE	[MJ]	1,77E+04	8,07E+01	0,00E+00	1,13E+01	1,56E+02	1,83E+01	-3,86E+03
PENRM	[MJ]	4,80E+02	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
PENRT	[MJ]	1,82E+04	8,07E+01	0,00E+00	1,13E+01	1,56E+02	1,83E+01	-3,86E+03
SM	[kg]	3,93E+01	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
RSF	[MJ]	2,96E-23	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
NRSF	[MJ]	3,48E-22	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
FW	[m ³]	5,97E+00	6,41E-03	0,00E+00	8,95E-04	4,24E-02	8,24E-04	-2,60E+01
Caption	PERE = Use of renewable primary energy excluding renewable primary energy resources used as raw materials; PERM = Use of renewable primary energy resources used as raw materials; PERT = Total use of renewable primary energy resources; PENRE = Use of non renewable primary energy excluding non renewable primary energy resources used as raw materials; PENRM = Use of non renewable primary energy resources used as raw materials; PENRT = Total use of non renewable primary energy resources; SM = Use of secondary material; RSF = Use of renewable secondary fuels; NRSF = Use of non renewable secondary fuels; FW = Net use of fresh water							

Compact S Køl/Sol

WASTE CATEGORIES AND OUTPUT FLOWS PER PRODUKT PER PIECE								
Parameter	Enhed	A1-A3	A4	C1	C2	C3	C4	D
HWD	[kg]	1,11E-04	2,50E-10	0,00E+00	3,49E-11	1,18E-08	1,37E-09	-1,83E-05
NHWD	[kg]	1,30E+02	1,23E-02	0,00E+00	1,72E-03	1,36E-01	2,84E+01	3,21E+01
RWD	[kg]	4,74E-01	1,51E-04	0,00E+00	2,11E-05	1,99E-02	2,15E-04	-7,75E-02
CRU	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
MFR	[kg]	7,03E+01	0,00E+00	0,00E+00	0,00E+00	1,66E+02	0,00E+00	0,00E+00
MER	[kg]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EEE	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
EET	[MJ]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Caption	HWD = Hazardous waste disposed; NHWD = Non hazardous waste disposed; RWD = Radioactive waste disposed; CRU = Components for re-use; MFR = Materials for recycling; MER = Materials for energy recovery; EEE = Exported electrical energy; EET = Exported thermal energy							

Checked and approved by



 Kim Christensen, kimconsult.dk
 Third party verifier of MD-24091-EN



 Martha Katrine Sørensen
 EPD Danmark