

Eco-Design-Regulation EU 2016/2281

Requirements for the documentation
(Appendix 2 / Chapter 5 / Table 15)

Product data

Unit	weco 24.1
Type of liquefaction	W
Refrigerant/GWP	R513A / 629

	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	5,91	---
Annual energy consumption	Q	239.917,52	kWh/a
Reduction factor C_{dc} of chillers	C_{dc}	0,9	---
Power regulation	---	abgestuft	---

Parameter at full load and reference temperature at assessment point A

Rated refrigeration capacity	P_A	191,30	kW
Rated power consumption	D_A	57,31	kW
Energy efficiency ratio	$EER_{DC,A}$	3,34	---

Parameter at assessment point B

Declared cooling capacity	P_B	178,55	kW
Declared power consumption	D_B	48,78	kW
Declared energy efficiency ratio	$EER_{DC,B}$	4,27	---

Parameter at assessment point C

Declared cooling capacity	P_C	165,79	kW
Declared power consumption	D_C	40,94	kW
Declared energy efficiency ratio	$EER_{DC,C}$	5,43	---

Parameter at assessment point D

Declared cooling capacity	P_D	153,04	kW
Declared power consumption	D_D	30,69	kW
Declared energy efficiency ratio	$EER_{DC,D}$	7,40	---