

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	5,18	---
Annual energy consumption	Q	187.675,31	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	131,10	kW
Rated power consumption	D_A	44,58	kW
Energy efficiency ratio	$EER_{DC,A}$	2,94	---
Parameter at assessment point B			
Declared cooling capacity	P_B	122,36	kW
Declared power consumption	D_B	38,03	kW
Declared energy efficiency ratio	$EER_{DC,B}$	3,78	---
Parameter at assessment point C			
Declared cooling capacity	P_C	113,62	kW
Declared power consumption	D_C	33,53	kW
Declared energy efficiency ratio	$EER_{DC,C}$	4,63	---
Parameter at assessment point D			
Declared cooling capacity	P_D	104,88	kW
Declared power consumption	D_D	17,43	kW
Declared energy efficiency ratio	$EER_{DC,D}$	6,63	---