

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			R134a / 1430
	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	5,70	---
Annual energy consumption	Q	222.553,39	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	171,20	kW
Rated power consumption	D_A	53,02	kW
Energy efficiency ratio	$EER_{DC,A}$	3,23	---
Parameter at assessment point B			
Declared cooling capacity	P_B	159,79	kW
Declared power consumption	D_B	46,42	kW
Declared energy efficiency ratio	$EER_{DC,B}$	4,12	---
Parameter at assessment point C			
Declared cooling capacity	P_C	148,37	kW
Declared power consumption	D_C	38,32	kW
Declared energy efficiency ratio	$EER_{DC,C}$	5,33	---
Parameter at assessment point D			
Declared cooling capacity	P_D	136,96	kW
Declared power consumption	D_D	30,01	kW
Declared energy efficiency ratio	$EER_{DC,D}$	7,02	---