

# 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 / 631

	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	---