

# Eco-Design-Regulation EU 2016/2281

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

<b>Product data</b>			
Unit			weco 24.1
Type of liquefaction			W
Refrigerant/GWP			R134a / 1430
	<b>Symbol</b>	<b>Value</b>	<b>Unit</b>
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	---
<b>Parameter at full load and reference temperature at assessment point A</b>			
Rated refrigeration capacity	$P_A$	191,30	kW
Rated power consumption	$D_A$	57,31	kW
Energy efficiency ratio	$EER_{DC,A}$	3,34	---
<b>Parameter at assessment point B</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	---
<b>Parameter at assessment point C</b>			
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	---
<b>Parameter at assessment point D</b>			
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	---