

# Eco-Design-Regulation EU 2016/2281

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

<b>Product data</b>			
Unit			Xtend 2800
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	6,98	---
Annual energy consumption	Q	202.285,74	kWh/a
Reduction factor $C_{dc}$ of chillers	$C_{dc}$	0,9	---
Power regulation	---	fest	---

  

<b>Parameter at full load and reference temperature at assessment point A</b>			
Rated refrigeration capacity	$P_A$	190,60	kW
Rated power consumption	$D_A$	40,39	kW
Energy efficiency ratio	$EER_{DC,A}$	4,72	---

  

<b>Parameter at assessment point B</b>			
Declared cooling capacity	$P_B$	206,00	kW
Declared power consumption	$D_B$	35,29	kW
Declared energy efficiency ratio	$EER_{DC,B}$	5,75	---

  

<b>Parameter at assessment point C</b>			
Declared cooling capacity	$P_C$	219,00	kW
Declared power consumption	$D_C$	30,69	kW
Declared energy efficiency ratio	$EER_{DC,C}$	6,91	---

  

<b>Parameter at assessment point D</b>			
Declared cooling capacity	$P_D$	226,00	kW
Declared power consumption	$D_D$	28,19	kW
Declared energy efficiency ratio	$EER_{DC,D}$	7,65	---