

# Eco-Design-Regulation EU 2016/2281

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

## Product data

Unit	Xtend 1700
Type of liquefaction	W
Refrigerant/GWP	R134a / 1430

	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	6,69	---
Annual energy consumption	Q	131.286,26	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	$P_A$	118,60	kW
Rated power consumption	$D_A$	27,41	kW
Energy efficiency ratio	$EER_{DC,A}$	4,33	---

## Parameter at assessment point B

Declared cooling capacity	$P_B$	110,69	kW
Declared power consumption	$D_B$	23,71	kW
Declared energy efficiency ratio	$EER_{DC,B}$	5,30	---

## Parameter at assessment point C

Declared cooling capacity	$P_C$	102,79	kW
Declared power consumption	$D_C$	20,51	kW
Declared energy efficiency ratio	$EER_{DC,C}$	6,42	---

## Parameter at assessment point D

Declared cooling capacity	$P_D$	94,88	kW
Declared power consumption	$D_D$	17,83	kW
Declared energy efficiency ratio	$EER_{DC,D}$	7,68	---