

# Eco-Design-Regulation EU 2016/2281

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

## Product data

Unit	Xtend 3200
Type of liquefaction	W
Refrigerant/GWP	R513A / 629

	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	7,13	---
Annual energy consumption	Q	225.444,07	kWh/a
Reduction factor $C_{dc}$ of chillers	$C_{dc}$	0,9	---
Power regulation	---	fest	---

## Parameter at full load and reference temperature at assessment point A

Rated refrigeration capacity	$P_A$	217,00	kW
Rated power consumption	$D_A$	45,40	kW
Energy efficiency ratio	$EER_{DC,A}$	4,78	---

## Parameter at assessment point B

Declared cooling capacity	$P_B$	235,00	kW
Declared power consumption	$D_B$	39,60	kW
Declared energy efficiency ratio	$EER_{DC,B}$	5,84	---

## Parameter at assessment point C

Declared cooling capacity	$P_C$	250,00	kW
Declared power consumption	$D_C$	34,30	kW
Declared energy efficiency ratio	$EER_{DC,C}$	7,06	---

## Parameter at assessment point D

Declared cooling capacity	$P_D$	258,00	kW
Declared power consumption	$D_D$	31,40	kW
Declared energy efficiency ratio	$EER_{DC,D}$	7,84	---