

Eco-Design-Regulation EU 2016/2281

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

Product data			
Unit			Xtend 3700
Type of liquefaction			W
Refrigerant/GWP			R513A / 629

	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	7,23	---
Annual energy consumption	Q	272.585,37	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	266,00	kW
Rated power consumption	D_A	56,42	kW
Energy efficiency ratio	$EER_{DC,A}$	4,71	---

Parameter at assessment point B			
Declared cooling capacity	P_B	288,00	kW
Declared power consumption	D_B	48,42	kW
Declared energy efficiency ratio	$EER_{DC,B}$	5,85	---

Parameter at assessment point C			
Declared cooling capacity	P_C	307,00	kW
Declared power consumption	D_C	41,42	kW
Declared energy efficiency ratio	$EER_{DC,C}$	7,17	---

Parameter at assessment point D			
Declared cooling capacity	P_D	317,00	kW
Declared power consumption	D_D	37,92	kW
Declared energy efficiency ratio	$EER_{DC,D}$	7,97	---