

Eco-Design-Regulation EU 2016/2281

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

Product data			
Unit			xtend1400A
Type of liquefaction			L
Refrigerant/GWP			R513A / 631

	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	5,28	---
Annual energy consumption	Q	122.751,34	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	87,40	kW
Rated power consumption	D_A	27,70	kW
Energy efficiency ratio	$EER_{DC,A}$	3,16	---

Parameter at assessment point B			
Declared cooling capacity	P_B	81,57	kW
Declared power consumption	D_B	23,93	kW
Declared energy efficiency ratio	$EER_{DC,B}$	4,04	---

Parameter at assessment point C			
Declared cooling capacity	P_C	75,75	kW
Declared power consumption	D_C	21,08	kW
Declared energy efficiency ratio	$EER_{DC,C}$	4,97	---

Parameter at assessment point D			
Declared cooling capacity	P_D	69,92	kW
Declared power consumption	D_D	17,47	kW
Declared energy efficiency ratio	$EER_{DC,D}$	6,27	---