

Eco-Design-Regulation EU 2016/2281

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

Product data			
Unit			Xtend 1400
Type of liquefaction			W
Refrigerant/GWP			R513A / 631
	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	7,06	---
Annual energy consumption	Q	92.743,40	kWh/a
Reduction factor C_{dc} of chillers	C_{dc}	---	---
Power regulation	---	variabel	---
Parameter at full load and reference temperature at assessment point A			
Rated refrigeration capacity	P_A	88,40	kW
Rated power consumption	D_A	23,00	kW
Energy efficiency ratio	$EER_{DC,A}$	3,84	---
Parameter at assessment point B			
Declared cooling capacity	P_B	82,51	kW
Declared power consumption	D_B	16,59	kW
Declared energy efficiency ratio	$EER_{DC,B}$	4,97	---
Parameter at assessment point C			
Declared cooling capacity	P_C	76,61	kW
Declared power consumption	D_C	11,70	kW
Declared energy efficiency ratio	$EER_{DC,C}$	6,55	---
Parameter at assessment point D			
Declared cooling capacity	P_D	70,72	kW
Declared power consumption	D_D	7,96	kW
Declared energy efficiency ratio	$EER_{DC,D}$	8,89	---