

Eco-Design-Regulation EU 2016/2281

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

Product data			
Unit			xtend 900 A
Type of liquefaction			L
Refrigerant/GWP			R513A/631
	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	5.25	---
Annual energy consumption	Q	76.608	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	54.23	kW
Rated power consumption	D_A	20.73	kW
Energy efficiency ratio	$EER_{DC,A}$	2.62	---
Parameter at assessment point B			
Declared cooling capacity	P_B	50.61	kW
Declared power consumption	D_B	13.72	kW
Declared energy efficiency ratio	$EER_{DC,B}$	3.69	---
Parameter at assessment point C			
Declared cooling capacity	P_C	47.00	kW
Declared power consumption	D_C	8.94	kW
Declared energy efficiency ratio	$EER_{DC,C}$	5.26	---
Parameter at assessment point D			
Declared cooling capacity	P_D	43.38	kW
Declared power consumption	D_D	7.07	kW
Declared energy efficiency ratio	$EER_{DC,D}$	6.13	---