

Eco-Design-Regulation EU 2016/2281

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

Product data			
Unit			xtend 450 A
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	38.112	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	27.13	kW
Rated power consumption	D_A	10.34	kW
Energy efficiency ratio	$EER_{DC,A}$	2.62	---
Parameter at assessment point B			
Declared cooling capacity	P_B	25.32	kW
Declared power consumption	D_B	6.84	kW
Declared energy efficiency ratio	$EER_{DC,B}$	3.70	---
Parameter at assessment point C			
Declared cooling capacity	P_C	23.52	kW
Declared power consumption	D_C	4.45	kW
Declared energy efficiency ratio	$EER_{DC,C}$	5.29	---
Parameter at assessment point D			
Declared cooling capacity	P_D	21.71	kW
Declared power consumption	D_D	3.52	kW
Declared energy efficiency ratio	$EER_{DC,D}$	6.18	---