

Eco-Design-Regulation EU 2016/2281

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

Product data			
Unit			xtend.k/t 450 W
Type of liquefaction			W
Refrigerant/GWP			R410a / 2088
	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	7,50	---
Annual energy consumption	Q	35.860	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	36,29	kW
Rated power consumption	D_A	8,20	kW
Energy efficiency ratio	$EER_{DC,A}$	4,42	---
Parameter at assessment point B			
Declared cooling capacity	P_B	33,87	kW
Declared power consumption	D_B	5,75	kW
Declared energy efficiency ratio	$EER_{DC,B}$	5,89	---
Parameter at assessment point C			
Declared cooling capacity	P_C	31,45	kW
Declared power consumption	D_C	4,15	kW
Declared energy efficiency ratio	$EER_{DC,C}$	7,57	---
Parameter at assessment point D			
Declared cooling capacity	P_D	29,04	kW
Declared power consumption	D_D	3,51	kW
Declared energy efficiency ratio	$EER_{DC,D}$	8,26	---