

# Eco-Design-Regulation EU 2016/2281

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

<b>Product data</b>			
Unit			xtend.k/t 450 A
Type of liquefaction			L
Refrigerant/GWP			R410a / 2088
	<b>Symbol</b>	<b>Value</b>	<b>Unit</b>
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	6,11	---
Annual energy consumption	Q	39.580	kWh/a
Reduction factor $C_{dc}$ of chillers	$C_{dc}$	---	---
Power regulation	---	variabel	---
<b>Parameter at full load and reference temperature at assessment point A</b>			
Rated refrigeration capacity	$P_A$	32,62	kW
Rated power consumption	$D_A$	11,38	kW
Energy efficiency ratio	$EER_{DC,A}$	2,86	---
<b>Parameter at assessment point B</b>			
Declared cooling capacity	$P_B$	30,44	kW
Declared power consumption	$D_B$	7,56	kW
Declared energy efficiency ratio	$EER_{DC,B}$	4,03	---
<b>Parameter at assessment point C</b>			
Declared cooling capacity	$P_C$	28,27	kW
Declared power consumption	$D_C$	4,96	kW
Declared energy efficiency ratio	$EER_{DC,C}$	5,70	---
<b>Parameter at assessment point D</b>			
Declared cooling capacity	$P_D$	26,09	kW
Declared power consumption	$D_D$	3,29	kW
Declared energy efficiency ratio	$EER_{DC,D}$	7,93	---