

# Eco-Design-Regulation EU 2016/2281

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

<b>Product data</b>			
Unit			xtend.k/t 750 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	5,67	---
Annual energy consumption	Q	72.851	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	$P_A$	55,78	kW
Rated power consumption	$D_A$	20,05	kW
Energy efficiency ratio	$EER_{DC,A}$	2,78	---
<b>Parameter at assessment point B</b>			
Declared cooling capacity	$P_B$	52,07	kW
Declared power consumption	$D_B$	13,52	kW
Declared energy efficiency ratio	$EER_{DC,B}$	3,85	---
<b>Parameter at assessment point C</b>			
Declared cooling capacity	$P_C$	48,35	kW
Declared power consumption	$D_C$	9,10	kW
Declared energy efficiency ratio	$EER_{DC,C}$	5,31	---
<b>Parameter at assessment point D</b>			
Declared cooling capacity	$P_D$	44,63	kW
Declared power consumption	$D_D$	6,18	kW
Declared energy efficiency ratio	$EER_{DC,D}$	7,22	---