

eco-design-regulation EU 2016/2281

Requirements for the documentations
(appendix 2 / chapter 5 / table 15)

Product data			
Unit		omega.k/t 120 L -eco-	
Type of liquefaction		L (air cooled)	
Refrigerant/GWP		R410a/2088	
	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	5.19	---
Annual energy consumption	Q	13,391	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	9.39	kW
Rated power consumption	D_A	3.22	kW
Power regulation	$EER_{DC,A}$	2.91	---
Parameter at assessment B			
Declared cooling capacity	P_B	8.76	kW
Declared power consumption	D_B	2.37	kW
Declared energy efficiency ration	$EER_{DC,B}$	3.69	---
Parameter at assessment C			
Declared cooling capacity	P_C	8.13	kW
Declared power consumption	D_C	1.59	kW
Declared energy efficiency ration	$EER_{DC,C}$	5.12	---
Parameter at assessment D			
Declared cooling capacity	P_D	7.51	kW
Declared power consumption	D_D	1.23	kW
Declared energy efficiency ration	$EER_{DC,D}$	6.11	---