

Eco-Design-Regulation EU 2016/2281

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

Product data

Unit	Xtend 2400
Type of liquefaction	W
Refrigerant/GWP	R513A / 629

	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	6,93	---
Annual energy consumption	Q	177.173,80	kWh/a
Reduction factor C_{dc} of chillers	C_{dc}	0,9	---
Power regulation	---	fest	---

Parameter at full load and reference temperature at assessment point A

Rated refrigeration capacity	P_A	165,70	kW
Rated power consumption	D_A	35,63	kW
Energy efficiency ratio	$EER_{DC,A}$	4,65	---

Parameter at assessment point B

Declared cooling capacity	P_B	178,90	kW
Declared power consumption	D_B	31,13	kW
Declared energy efficiency ratio	$EER_{DC,B}$	5,66	---

Parameter at assessment point C

Declared cooling capacity	P_C	189,80	kW
Declared power consumption	D_C	26,83	kW
Declared energy efficiency ratio	$EER_{DC,C}$	6,85	---

Parameter at assessment point D

Declared cooling capacity	P_D	195,10	kW
Declared power consumption	D_D	24,43	kW
Declared energy efficiency ratio	$EER_{DC,D}$	7,63	---