

Eco-Design-Regulation EU 2016/2281

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

Product data

Unit	xtend.k/t 250 A Gehäuse Gr. 3
Type of liquefaction	L
Refrigerant/GWP	R410a / 2088

	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	5,45	---
Annual energy consumption	Q	25.366	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	18,66	kW
Rated power consumption	D_A	7,17	kW
Energy efficiency ratio	$EER_{DC,A}$	2,60	---

Parameter at assessment point B

Declared cooling capacity	P_B	17,42	kW
Declared power consumption	D_B	4,72	kW
Declared energy efficiency ratio	$EER_{DC,B}$	3,69	---

Parameter at assessment point C

Declared cooling capacity	P_C	16,17	kW
Declared power consumption	D_C	3,11	kW
Declared energy efficiency ratio	$EER_{DC,C}$	5,20	---

Parameter at assessment point D

Declared cooling capacity	P_D	14,93	kW
Declared power consumption	D_D	2,19	kW
Declared energy efficiency ratio	$EER_{DC,D}$	6,82	---