

manufacturer: ait-deutschland GmbH			
Model	cBoxX 50		
Option high-temperature	No		
Voltage ¹	400/3/60		
Type of condensing	air-cooled		
Refrigerant fluid	R410A		
Item	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	4,90	
Annual electricity consumption	Q	58.536	kWh/a
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	38,72	kW
Rated power input	D _A	15,23	kW
Rated energy efficiency ratio	EER _{DC,A}	2,54	
Parameters at rating point B			
Declared refrigeration capacity	P _B	44,16	kW
Declared power input	D _B	12,77	kW
Declared energy efficiency ratio	EER _{DC,B}	3,46	
Parameters at rating point C			
Declared refrigeration capacity	P _C	50,43	kW
Declared power input	D _C	10,82	kW
Declared energy efficiency ratio	EER _{DC,C}	4,66	
Parameters at rating point D			
Declared refrigeration capacity	P _D	55,31	kW
Declared power input	D _D	8,80	kW
Declared energy efficiency ratio	EER _{DC,D}	6,28	
Other Items			
Capacity control	fixed		
Degradation co-efficient chillers (rating point B)	C _{dc}	0,98	
Degradation co-efficient chillers (rating point C)	C _{dc}	0,97	
Degradation co-efficient chillers (rating point D)	C _{dc}	0,97	
GWP of the refrigerant		2088	kg CO ₂ eq (100 years)

¹ The voltage refers to the operating voltage of the main components and can deviate from the supply voltage by using a transformer.