

manufacturer: ait-deutschland GmbH			
Model	cBoxX 40		
Option high-temperature	Yes		
Voltage ¹	400/3/50		
Type of condensing	air-cooled		
Refrigerant fluid	R410A		
Item	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	5,55	
Annual electricity consumption	Q	39.701	kWh/a
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	29,74	kW
Rated power input	D _A	10,38	kW
Rated energy efficiency ratio	EER _{DC,A}	2,87	
Parameters at rating point B			
Declared refrigeration capacity	P _B	33,62	kW
Declared power input	D _B	8,74	kW
Declared energy efficiency ratio	EER _{DC,B}	3,85	
Parameters at rating point C			
Declared refrigeration capacity	P _C	37,19	kW
Declared power input	D _C	7,16	kW
Declared energy efficiency ratio	EER _{DC,C}	5,19	
Parameters at rating point D			
Declared refrigeration capacity	P _D	40,51	kW
Declared power input	D _D	5,45	kW
Declared energy efficiency ratio	EER _{DC,D}	7,43	
Other Items			
Capacity control	fixed		
Degradation co-efficient chillers (rating point B)	C _{dc}	0,96	
Degradation co-efficient chillers (rating point C)	C _{dc}	0,96	
Degradation co-efficient chillers (rating point D)	C _{dc}	0,94	
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.