

manufacturer: ait-deutschland GmbH			
Model	cBoxX 60		
Option high-temperature	No		
Voltage ¹	400/3/50		
Type of condensing	water-cooled		
Refrigerant fluid	R410A		
Item	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal energy performance ratio	SEPR	7,31	
Annual electricity consumption	Q	51.662	kWh/a
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	50,98	kW
Rated power input	D _A	13,52	kW
Rated energy efficiency ratio	EER _{DC,A}	3,77	
Parameters at rating point B			
Declared refrigeration capacity	P _B	56,56	kW
Declared power input	D _B	11,00	kW
Declared energy efficiency ratio	EER _{DC,B}	5,14	
Parameters at rating point C			
Declared refrigeration capacity	P _C	60,44	kW
Declared power input	D _C	9,00	kW
Declared energy efficiency ratio	EER _{DC,C}	6,72	
Parameters at rating point D			
Declared refrigeration capacity	P _D	64,38	kW
Declared power input	D _D	6,47	kW
Declared energy efficiency ratio	EER _{DC,D}	9,96	
Other Items			
Capacity control	staged		
Degradation co-efficient chillers (rating point B)	C _{dc}	0,96	
Degradation co-efficient chillers (rating point C)	C _{dc}	0,95	
Degradation co-efficient chillers (rating point D)	C _{dc}	0,92	
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.