

manufacturer: ait-deutschland GmbH			
Model	cBoxX 90		
Option high-temperature	No		
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	5,17	
Annual electricity consumption	Q	93.423	kWh/a
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	65,14	kW
Rated power input	D _A	24,45	kW
Rated energy efficiency ratio	EER _{DC,A}	2,66	
Parameters at rating point B			
Declared refrigeration capacity	P _B	73,48	kW
Declared power input	D _B	20,80	kW
Declared energy efficiency ratio	EER _{DC,B}	3,53	
Parameters at rating point C			
Declared refrigeration capacity	P _C	82,76	kW
Declared power input	D _C	16,70	kW
Declared energy efficiency ratio	EER _{DC,C}	4,96	
Parameters at rating point D			
Declared refrigeration capacity	P _D	89,38	kW
Declared power input	D _D	13,53	kW
Declared energy efficiency ratio	EER _{DC,D}	6,61	
Other Items			
Capacity control	staged		
Degradation co-efficient chillers (rating point B)	C _{dc}	0,98	
Degradation co-efficient chillers (rating point C)	C _{dc}	0,98	
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.