

manufacturer: ait-deutschland GmbH			
Model	cBoxX 90		
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	4,70	
Annual electricity consumption	Q	107.800	kWh/a
Parameters at full load and reference ambient temperature at rating point A			
Rated refrigeration capacity	P _A	68,42	kW
Rated power input	D _A	25,78	kW
Rated energy efficiency ratio	EER _{DC,A}	2,65	
Parameters at rating point B			
Declared refrigeration capacity	P _B	78,26	kW
Declared power input	D _B	22,91	kW
Declared energy efficiency ratio	EER _{DC,B}	3,42	
Parameters at rating point C			
Declared refrigeration capacity	P _C	89,24	kW
Declared power input	D _C	19,20	kW
Declared energy efficiency ratio	EER _{DC,C}	4,65	
Parameters at rating point D			
Declared refrigeration capacity	P _D	94,18	kW
Declared power input	D _D	16,73	kW
Declared energy efficiency ratio	EER _{DC,D}	5,63	
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}	0,98	
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.