Information requirements for comfort chillers

Model	CRA/IK/A 41 PS

Outdoor side heat exchanger of chiller:	*air*
Indoor side heat exchanger chiller:	*water*
Type:	*compressor driven vapour compression or sorption process*

Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	**Prated,c**	**9,29**	**kW**		**Seasonal space cooling energy efficiency**	**ηs,c**	**156**	**%**
Declared cooling capacity for part load at given outdoor temperatures Tj					Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures Tj			
Tj = +35°C	Pdc	9,29	kW		Tj = +35°C	EERd	3,0	%
Tj = +30°C	Pdc	6,81	kW		Tj = +30°C	EERd	3,8	%
Tj = +25°C	Pdc	4,37	kW		Tj = +25°C	EERd	4,9	%
Tj = +20°C	Pdc	1,8	kW		Tj = +20°C	EERd	6,0	%
Degradation co-efficient for chillers	Cdc	0,9	-					
Power consumption in modes other than 'active mode'								
Off mode	Poff	0,05	kW		Crankcase heater mode	PCK	0,04	kW
Thermostat-off mode	PTo	0,032	kW		Standby mode	PSB	0,05	kW
Other items								
Capacity control	fixed				For air-to-water comfort chillers: air flow rate, outdoor measured	-	3198	m3/h
Sound power level, outdoor	LWA	-	dB(A)		For water/brine-to- water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	0	m3/h
GWP of the refrigerant		2088	kg CO2 eq (100 years)					
Standard rating conditions used:	low temperature application (12/7)							
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