Information requirements for comfort chillers								
EWAT180B-XRC2								
Outdoor side heat exchanger of air conditioner: Air								
Indoor side heat exchanger of air conditioner: water								
Type: Scroll								
Driver of compressor: Electric								
Item	**Symbol**	**Value**	**Unit**		**Item**	**Symbol**	**Value**	**Unit**
Rated cooling capacity	Prated,c	174.71	kW		Seasonal space cooling energy efficiency	ηs,c	200.4	%
Declared cooling capacity for part load at given outdoor temperatures Tj and indoor 27°/19 °C (dry/wet bulb)					Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures Tj			
Tj = + 35 °C	Pdc	174.71	kW		Tj = + 35 °C	EERd or GUEc,bin /AEFc,bin	3.26	
Tj = + 30 °C	Pdc	129.28	kW		Tj = + 30 °C	EERd or GUEc,bin /AEFc,bin	4.328	
Tj = + 25 °C	Pdc	82.11	kW		Tj = + 25 °C	EERd or GUEc,bin /AEFc,bin	5.613	
Tj = + 20 °C	Pdc	36.69	kW		Tj = + 20 °C	EERd or GUEc,bin /AEFc,bin	6.489	
Degradation coefficient for air conditioners (*9)	Cdc	0.95	—					
Power consumption in modes other than 'active mode'								
Off mode	POFF	0	kW		Crankcase heater mode	PCK	0	kW
Thermostat-off mode	PTO	0.1	kW		Standby mode	PSB	0.2	kW
Other items								
Capacity control	Step				For air-to-water comfort chillers: air flow rate, outdoor measured	—	68040	m3/h
Sound power level, outdoor	LWA	82.8	dB		For water/brine-towater chillers: Rated brine or water flow rate, outdoor side heat exchanger	—		m3/h
Emissions of nitrogen oxides (if applicable)	NOx (*10)		mg/kWh input GCV					
GWP of the refrigerant		675	kg CO2eq (100 years)					
Standard rating conditions used: Low Temp Application								
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