

Information requirements for comfort chillers								
Model(s): WCHT-CN850.1EDZ3								
Outdoor side heat exchanger of chiller: water								
Indoor side heat exchanger chiller: water								
Type: compressor driven vapour compression								
If applicable: driver of compressor:electric motor								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	P _{rated,c}	3000.0	kW		Seasonal space cooling energy efficiency	η _{s,c}	313.1	%
Declared cooling capacity for part load at given outdoor temperatures T _j					Declared energy efficiency ratio or gas utilisation efficiency/ auxiliary energy factor for part load at given outdoor temperatures T _j			
T _j =+35°C	P _{dc}	2997.4	kW		T _j =+35°C	EER _d	6.1	kW/kW
T _j =+30°C	P _{dc}	2208.8	kW		T _j =+30°C	EER _d	7.6	kW/kW
T _j =+25°C	P _{dc}	1420.1	kW		T _j =+25°C	EER _d	9.5	kW/kW
T _j =+20°C	P _{dc}	630.7	kW		T _j =+20°C	EER _d	6.7	kW/kW
Degradation coefficient for chillers (*)	C _{dc}	0.9	-					
Power consumption in modes other than 'active mode'								
Off mode	P _{OFF}	0.000	kW		Crankcase heater mode	P _{CK}	0.000	kW
Thermostat-off mode	P _{TO}	0.108	kW		Standby mode	P _{SB}	0.000	kW
Other items								
Capacity control	variable				For air-to-water comfort chillers: air flow rate, outdoor measured	-	-	m3/h
Sound power level, outdoor	L _{WA}	98.0	dB		For water/brine to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	-	514	m3/h
Emissions of nitrogen oxides (if applicable)	NOx (**)	-	mg/kWh input GCV					
GWP of the refrigerant			kg CO ₂ eq (100 years)					
Standard rating conditions used: low temperature application								
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