

Information requirements for comfort chillers

EWFS295TZXSD1					
Outdoor side heat exchanger of chiller					Air
Indoor side heat exchanger of chiller					Water
Type					Inverter
Driver of compressor					Electric
Item	Symbol	Value	Item	Symbol	Value
Rated cooling capacity	Prated,c	290 kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	207.8 %
Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°/19°C (dry/wet bulb)			Declared energy efficiency ration or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures T_j		
$T_j = +35^\circ\text{C}$	Pdc	290.0 kW	$T_j = +35^\circ\text{C}$	EERd or GUEc,bin/AEFc,bin	3.0
$T_j = +30^\circ\text{C}$	Pdc	220.8 kW	$T_j = +30^\circ\text{C}$	EERd or GUEc,bin/AEFc,bin	4.2
$T_j = +25^\circ\text{C}$	Pdc	134.4 kW	$T_j = +25^\circ\text{C}$	EERd or GUEc,bin/AEFc,bin	5.7
$T_j = +20^\circ\text{C}$	Pdc	60.9 kW	$T_j = +20^\circ\text{C}$	EERd or GUEc,bin/AEFc,bin	7.6
Degradation coefficient for air conditioners			Cdc		0.9

Power consumption in modes other than 'active mode'

Off mode	POFF	0.000 kW	Crankcase heater mode	PCK	0.000 kW
Thermostat-off mode	PTO	0.118 kW	Standby mode	PSB	0.050 kW

Other items

Capacity control	Variable
Sound power level, outdoor	LWA
Emissions of nitrogen oxides (if applicable)	NOx
GWP of the refrigerant	629.5 kg CO2eq (100 years)
For air-to-water comfort chillers: Air flow rate, outdoor measured	107820 m ³ /h
For water/brine-to water chillers: Rated brine or water flow rate, outdoor side heat echanger	-
Standard rating conditions used:	Low Temp Application
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