Information requirements for comfort chillers								

EWFDH16TZBSD2

Outdoor side heat exchanger of air conditioner: Air

Indoor side heat exchanger of air conditioner: water

Type: Inverter

Driver of compressor: Electric

Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	Prated,c	1646.9	kW		Seasonal space cooling energy efficiency	ηs,c	213.56	%
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	1646.9	kW		Tj = + 35 °C	EERd or GUEc,bin /AEFc,bin	2.948	
Tj = + 30 °C	Pdc	1194.88	kW		Tj = + 30 °C	EERd or GUEc,bin /AEFc,bin	4.289	
Tj = + 25 °C	Pdc	758.45	kW		Tj = + 25 °C	EERd or GUEc,bin /AEFc,bin	5.865	
Tj = + 20 °C	Pdc	354.57	kW		Tj = + 20 °C	EERd or GUEc,bin /AEFc,bin	7.972	
Degradation coefficient for air conditioners (*9)	Cdc	0.9	—					
Power consumption in modes other than 'active mode'								
Off mode	POFF	0	kW		Crankcase heater mode	PCK	0	kW
Thermostat-off mode	PTO	0.31	kW		Standby mode	PSB	0.1	kW
Other items								
Capacity control	Variable				For air-to-water comfort chillers: air flow rate, outdoor measured	—	202536	m3/h
Sound power level, outdoor	LWA	104.1	dB		For water/brine-towater chillers:	—		m3/h
Emissions of nitrogen oxides (if applicable)	NOx (*10)		mg/kWh input GCV		Rated brine or water flow rate, outdoor side heat exchanger			
GWP of the refrigerant		1430	kg CO2eq (100 years)					

Standard rating conditions used: Low Temp Application

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