

Information requirements for comfort chillers

Model	CWW/K 51
Outdoor side heat exchanger of chiller:	<i>water</i>
Indoor side heat exchanger chiller:	<i>water</i>
Type:	<i>compressor driven vapour compression or sorption process</i>

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	Prated,c	14,21	kW	Seasonal space cooling energy efficiency	ηs,c	199,2	%
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	14,21	kW	Tj = +35°C	EERd	3,8	%
Tj = +30°C	Pdc	16,29	kW	Tj = +30°C	EERd	5,4	%
Tj = +25°C	Pdc	18,36	kW	Tj = +25°C	EERd	7,7	%
Tj = +20°C	Pdc	20,4	kW	Tj = +20°C	EERd	10,7	%
Degradation coefficient for chillers	Cdc	0,9	-				
Power consumption in modes other than 'active mode'							
Off mode	Poff	0,02	kW	Crankcase heater mode	PCK	0,02	kW
Thermostat-off mode	PTo	0,142	kW	Standby mode	PSB	0,02	kW
Other items							
Capacity control	fixed			For air-to-water comfort chillers: air flow rate, outdoor measured	-	-	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	-	3,074	m3/h
GWP of the refrigerant		2088	kg CO2 eq (100 years)				
Standard rating conditions used:	low temperature application (12/7)						
Contact details:	G.I. Industrial Holding S.p.A. Via Max Piccini, 11/13, 33061 Rivignano Teor (UD) Italia						