



TRANE®

Information requirements for process chillers			
Model(s):	CGWH 125 07		
Type of condensing:	Water-cooled		
Refrigerant fluid(s):	R407c		
Item	Symbol	Value	Unit
Operating temperature	t	7	°C
Seasonal Energy Performance Ratio	SEPR	5.13	
Annual electricity consumption	Q	123352	kWh/a
Parameters at full load and reference ambient temperature (Point A)			
Rated cooling capacity	P _A	85	kW
Rated power input	D _A	21	kW
Rated EER	EER_A	4.10	
Parameters at rating point B			
Declared cooling capacity	P _B	93.3 / 49.7	kW
Declared power input	D _B	20.9 / 10.3	kW
Declared EER	EER_B	4.45 / 4.81	
Parameters at rating point C			
Declared cooling capacity	P _C	100.8 / 53.9	kW
Declared power input	D _C	21.1 / 10.4	kW
Declared EER	EER_C	4.79 / 5.2	
Parameters at rating point D			
Declared cooling capacity	P _D	108.1 / 57.9	kW
Declared power input	D _D	21.2 / 10.4	kW
Declared EER	EER_D	5.1 / 5.57	
Other items			
Capacity control		staged	
Degradation coefficient for fixed and staged capacity units (*)	C _c	NA	
Contact details	TRANE 88190 Golbey - France		

(*) If C_c is not determined by measurement then the default degradation coefficient shall be C_c = 0,9. Where the default C_c value is chosen, then results from cycling tests shall not be required. Otherwise, the cooling cycling test value shall be required.