Information requirements for comfort chillers	
Model(s):	**RTWF450 HSE - LoVi - R134a**
Outdoor side heat exchanger of chiller:	water/brine
Indoor side heat exchanger of chiller:	water
Type:	compressor driven vapour compression
Driver of compressor:	electric motor

Item	Symbol	Value	Unit	Item	Symbol	Value	Unit
Rated cooling capacity	$P_{rated,c}$	1 563.0	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	283.0	%
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			
T j = +35 °C	*Pdc*	1563.0	kW	T j = +35 °C	EER_d	5.2	kW/kW
T j = + 30 °C	*Pdc*	1169.0	kW	T j = + 30 °C	EER_d	6.2	kW/kW
T j = + 25 °C	*Pdc*	741.0	kW	T j = + 25 °C	EER_d	8.5	kW/kW
T j = + 20 °C	*Pdc*	328.0	kW	T j = + 20 °C	EER_d	8.6	kW/kW
Degradation co-efficient for chillers (*)	C_{dc}	1.0	—				
Power consumption in modes other than 'active mode'							
Off mode	P_{OFF}	0.000	kW	Crankcase heater mode	P_{CK}	1.050	kW
Thermostat-off mode	P_{TO}	0.650	kW	Standby mode	P_{SB}	1.050	kW
Other items							
Capacity control		Variable		For air-to-water comfort chillers: air flow rate, outdoor measured	—	NA	m 3 /h
Sound power level, outdoor	L_{WA}	-	dB(A)	For water/brine-to-water chillers: Rated brine or water flow rate, outdoor side heat exchanger	—	322	m 3 /h
GWP of the refrigerant		1 430	kg CO2 eq (100 years)				

Standard rating conditions used:	low temperature application
Contact details	TRANE 88190 Golbey - France

(*) If Cdc is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.