



**TRANE®**

**Information requirements for comfort chillers**

Model(s):	<b>RTHF 360 XE AA - R134a</b>
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	$P_{rated,c}$	1 268.5	kW	Seasonal space cooling energy efficiency	$\eta_{s,c}$	286.0	%
Declared cooling capacity for part load at given outdoor temperatures $T_j$				Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures $T_j$			
$T_j = +35\text{ °C}$	$P_{dc}$	1268.5	kW	$T_j = +35\text{ °C}$	$EER_d$	5.8	kW/kW
$T_j = +30\text{ °C}$	$P_{dc}$	947.5	kW	$T_j = +30\text{ °C}$	$EER_d$	6.8	kW/kW
$T_j = +25\text{ °C}$	$P_{dc}$	601.2	kW	$T_j = +25\text{ °C}$	$EER_d$	7.9	kW/kW
$T_j = +20\text{ °C}$	$P_{dc}$	266.4	kW	$T_j = +20\text{ °C}$	$EER_d$	8.1	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	$P_{CK}$	0.308	kW
Thermostat-off mode	$P_{TO}$	0.722	kW	Standby mode	$P_{SB}$	0.308	kW

**Other items**

Capacity control	Variable			For air-to-water comfort chillers: air flow rate, outdoor measured	—	NA	m <sup>3</sup> /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	—	257	m <sup>3</sup> /h
GWP of the refrigerant		1 430	kg CO <sub>2</sub> eq (100 years)				

Standard rating conditions used: low temperature application

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(\*) If  $C_{dc}$  is not determined by measurement then the default degradation coefficient of chillers shall be 0,9.