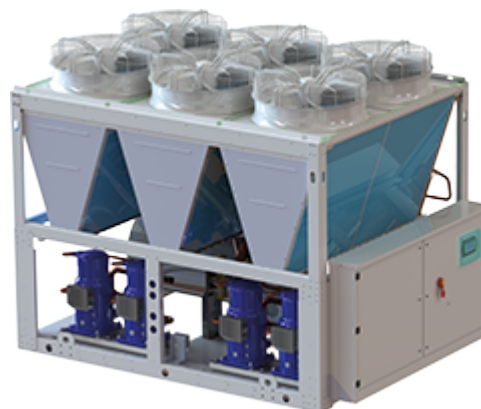


**Unit Overview**

Range	Sintesis Advantage	
Chiller model	CXAF air-cooled reversible scroll	
Model	CXAF 060 HEat XLN EC R454B	
Unit Application	Process (cool=-20C/50C \ heat=-18C/35C)	
Compressor type	Scroll	
Refrigerant Type	Full charge R454B	
Eta s,c / SEER	172.20 % / 4.38	Compliant
Eta s,h / SCOP	134.41 % / 3.44	Compliant
Type of free cooling	No Free Cooling	
Type of pump	Pump signal On/Off	
Electrical supply	400V/50Hz/3Ph	



Note: Pictures are not binding, unit may be depicted with accessories upon request.

Project conditions

	Cooling	Heating
Outdoor air dry bulb temperature	35.0 C	-5.0 C
Relative humidity		90 %
Fluid entering temperature	12.0 C	45.0 C
Fluid leaving temperature	7.0 C	50.0 C
Evap fluid type	Water	Water
Fouling Factor	0.017615 m2-deg C/kW	0.017615 m2-deg C/kW
Elevation	0.0 m	0.0 m

Unit performance data

	Cooling	(1)	Heating	(1)
Gross capacity	200.72 kW		149.54 kW	
Net capacity	200.42 kW		149.72 kW	
Gross unit power	71.62 kW		71.68 kW	
Gross EER / COP	2.80 EER (kW/kW)		2.09	
Net EER / COP	2.77 EER (kW/kW)		2.08	
Design flow rate	9.57 L/s		7.23 L/s	
Evaporator Pressure drop (Design)	31.4 kPa		17.6 kPa	
Evaporator Min Flow	4.80 L/s		4.80 L/s	
Evaporator Max Flow	20.20 L/s		20.20 L/s	

Acoustic data

Outdoor sound power level	(4)
Outdoor sound pressure level	(3)

General data - refrigerant circuit

Refrigerant Type	Full charge R454B	
Refrigerant GWP (AR4)	467.00	
Number of circuits	2	
Number of compressors (circuit 1 / 2)	2 / 2	
Compressor type	Scroll	
Compressor regulation type	Fixed Speed	
Refrigerant charge per circuit	21 kg	21 kg

**General data - fan section**

Number of outdoor fans	4
Fan type	EC for HESP
Total condenser air flow	21.79 m3/s

Electrical Information

Electrical supply	400V/50Hz/3Ph
Power factor capacitor	Without
Current	117.91 A
Compressor soft starter	Included
Start-up current	242.43 A
Max amps	155.24 A
Maximum power at maximum current	95.16 kW
Displacement power factor (cos-phi)	0.89

Dimensions and weight

Unit shipping weight	1681 kg
Operating weight	1710 kg

Note: Dimensions and weight include sound attenuation, hydraulic module, heat recovery and/or free cooling.

Applicable standards

(1) According to EN14825:2018, considering average climate
(2) According to EN14511:2018
(3) Average sound pressure at 10 meter distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level
(4) Sound power measurements in accordance with ISO 9614:2009 (part 1)
(5) Performance rating out of scope of Eurovent certification program

More information

Ecodesign datasheet	https://www.trane.com/litweb/Litweb.aspx?#/category/bd13efa5-a5bf-4f0a-afb4-9eab178d9081/range/b74e96bd-4126-4223-8f8e-b32ceedbf233/model/dc7016f4-41b0-4fbb-91cc-06ced1b6c39f/section/6045999d-f30d-4f1d-b718-e44ad28e6a5c
Model Number	CXAF060DT**RCXE3WWNBXBXBXEBXF1LXXXXXX1EXBAXX2X XXXBA3XX