

TCR550

Multi-scroll Chiller with shell & tube evaporator



General information

Cooling capacity	kW	527.4	Design Conditions (Ambient/Entering/Leaving)	-	35/12/7
Dimensions (L x W x H)	mm	5900x2330x2620	Max ambient temperature (no derate)	°C	40
Weight	kg	3950	Max ambient temperature (derate)	°C	45
Sound Pressure Level according ISO3744	dB(A) @10m	67	E.E.R.	kW/kW	3.42
Type of refrigerant gas	-	R410A			

General Electrical Data

Voltage	V	400	Max power consumption	kW	154.42
Frequency	Hz	50	Maximum Absorbed Current (FLA)	A	357.0
Phases	-	3	Maximum peak current (LRA)	A	607.7

Compressor Data

Compressor type	-	Scroll	Total Compressors Nominal Absorbed Power	kW	139.7
Number of compressors	#	4	Total Compressors Running current (RLA)	A	246.2
Number of circuits	#	2	Steps	#	4

Evaporator Data

Evaporator type	-	Shell & tube	Nominal Flow Rate	m ³ /h	90.4
Pressure Drop	kPa	58.8	Hydraulic Connections	-	DN150



AIR



POWER



TEMPERATURE



FLOW

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Subject to change without prior notice. Information is for guidance only. Please contact your nearest Rental office for detailed application advice.



Pump Data

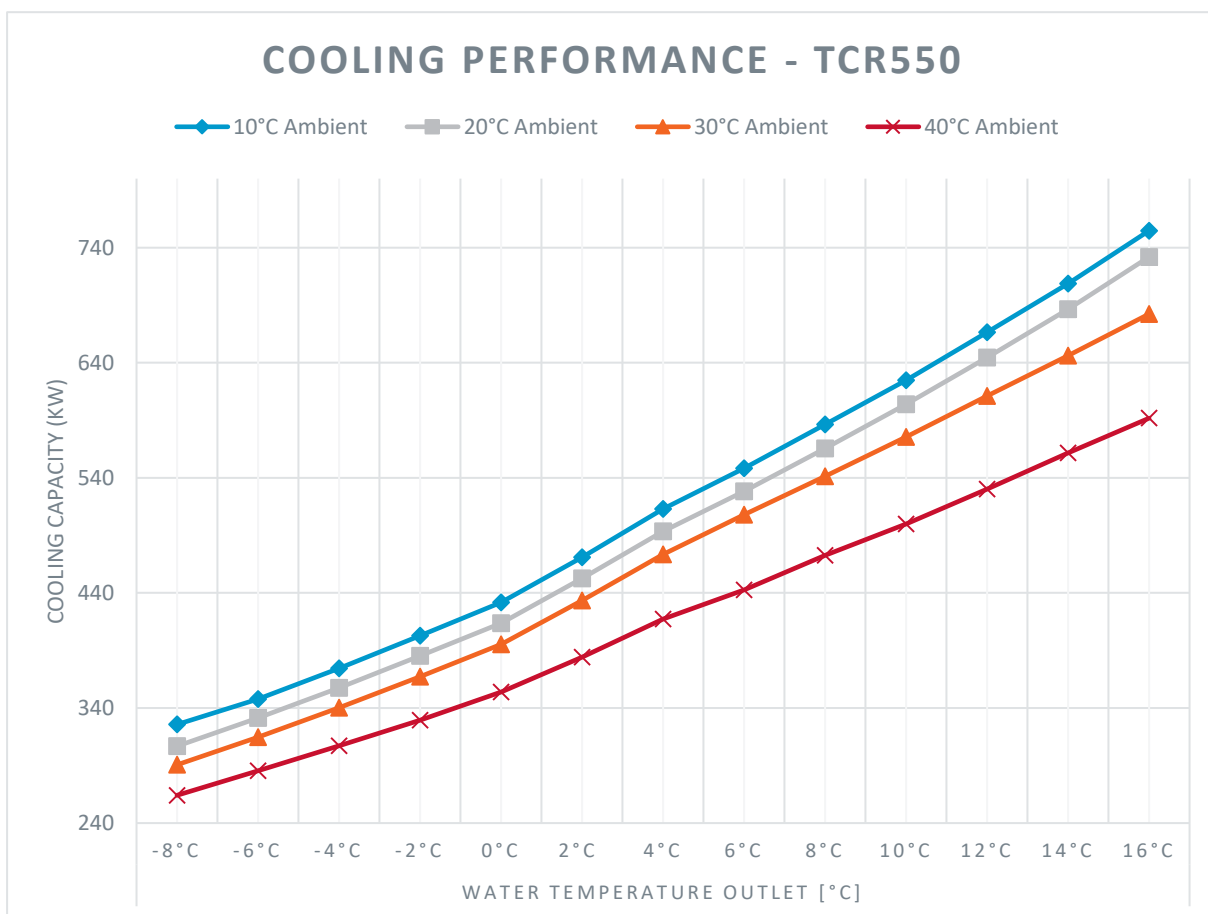
P3 pump	-	-	-	-
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Air Axial Fans & Condenser Data

Number of fans	#	8	Number of Condenser Coils	#	8
Total Air flow	m ³ /h	164800			

Main features

Dual circuit	High efficiency
Integrated pump	4-point lifting (no spreader bar required)
Operational temperature range -10C to +15C	Extremely compact



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