

Trane Sintesis Air-Cooled Chillers



Trane reliability built into every Sintesis chiller - reliability to your assurance of lasting quality, performance and value.

Model RTAF – 115-520 tons

Every building and every project is different, but they all need one thing—a cooling solution that meets their requirements. This is where Trane® Sintesis™ air-cooled chillers come in. Trane designed Sintesis chillers to deliver high energy efficiency, robust cooling performance and sustainable solutions, with options such as Thermal Storage that allow you to select the chiller that will best serve your building and meet your objectives.

Sintesis chillers help customers meet sustainability goals by reducing the direct emissions of greenhouse gases while increasing efficiency. Sintesis chillers use R-513A, a next generation, low global warming potential (GWP) refrigerant.

Add to this advanced controls and rapid restart capabilities, and you've got a chiller you can count on.

High performance technologies for lower life cycle costs

Sintesis chillers feature multiple technological solutions to deliver the cooling performance you need, with the lower life cycle costs your budget requires.

Ultimate control under all conditions

Trane controls offer performance and efficiency advantages that other controls simply can't match. The Tracer™ UC800 provides the intelligence behind the ACS chiller and features Adaptive Control™ algorithms: proprietary control strategies that respond to a variety of conditions to maintain efficient chiller plant operation.



Remote Connectivity for optimal performance and uptime

Building data is collected by the Symbio® 800 unit controller to remotely monitor, troubleshoot, schedule and control the ACS chiller 24 hours a day. The Symbio® 800 unit controller features factory programmed Adaptive Control™ performance algorithms that respond to a variety of conditions to maximize efficient chiller plant operation.

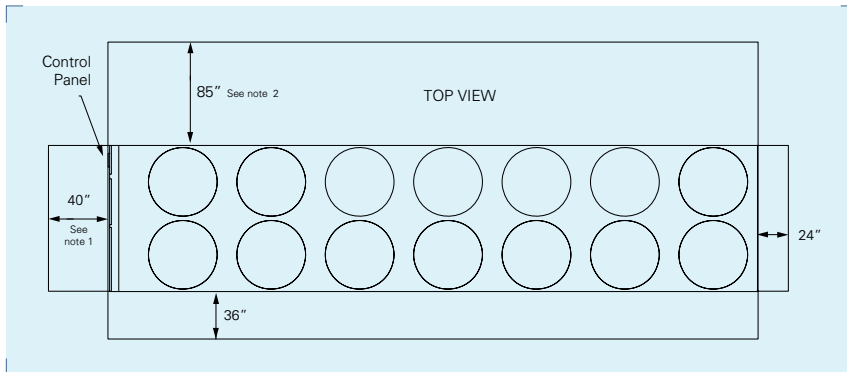
Symbio 800 integrates seamlessly and securely with your building automation system, leveraging secure remote IP connectivity (BACnet, Modbus®) and optional Air-Fi® wireless technology and LonTalk® communication protocols for simplified equipment monitoring and management.

General Data

Size	Full Load EER	IPLV EER	Operating Weight (lb)	Length (in)	Width (in)	Height (in)	Flow		Water Connection (in)
							min	max	
115	ASHRAE 90.1 2016 Compliant > 9.7	ASHRAE 90.1 2016 Compliant > 15.8	8091	229	89	98	128	470	4
130			8203	229	89	98	150	551	4
150			9628	274	89	98	171	626	5
170		9669	274	89	98	187	684	5	
180		10002	276	89	98	199	731	5	
200		11012	318	89	98	202	742	6	
215		11355	318	89	98	228	835	6	
230		12829	318	89	98	261	957	6	
250		13242	318	89	98	288	1055	6	
270		13242	318	89	98	288	1055	8	
280		16838	414	89	98	304	1113	8	
310		17367	459	89	98	323	1183	8	
350		18375	459	89	98	367	1345	8	
390		18375	459	89	98	367	1345	8	
410		21411	547	89	98	446	1635	8	
450		23794	636	88	98	487	1786	8	
500	23794	636	88	98	506	1855	8		
520	23907	536	88	98	506	1855	8		

Weight and dimension can change depending on options selected.
 Voltages available; 380/60, 400/50, 460/60 and 575/60

Service Clearances - No Obstructions Above Unit



Notes:

A full 40 inches clearance is required in front of the control panel. Must be measured from front of panel, not end of unit base.

Clearance of 85 inches on the side of the unit is required for coil replacement. Preferred side for coil replacement is shown (left side of the unit, facing control panel), however, either side is acceptable.



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit trane.com or tranetechnologies.com.

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