Trane Rental Services Process Cooling

Air-Cooled Industrial Chillers with Scroll Compressors - Nominal Cooling Capacity 3-40 Tons

Trane Rental Services is your all-encompassing business solutions partner. We provide scalable cooling, heating, and power options for all your temporary HVAC needs.

Many manufacturing and industrial sites require process cooling to remove heat which increases efficiency of production process and operational effectiveness of equipment. Trane has a line of temporary industrial chillers to support our customers ever changing needs.

Chiller Features:

- Compact Dimensions
- Plug and Play Package
- Indoor or Outdoor Installation
- Cabinets Designed and Built to UL508A Specifications
- Finned Coil Condenser
- Axial Fans
- Scroll Compressors
- Onboard Integral Pump

- Microprocessor Control
- Integral Low Flow Piping Bypass
- Forkliftable Frame High Efficiency Finned Coil
- Heat Exchanger-allows a high level of reliability in heavy industrial applications, also with coolant containing impurities, ensuring optimum accuracy in the control of temperature even with highly variable thermal loads.

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Trane Rental Services is available 24/7 for technical support, quotes, and inquiries regarding availability. With our round-the-clock support, we can also offer shipments on weekends, holidays, and after normal business hours.

Technical Support, Trouble Shooting, 24/7 Emergency Dispatch
800-755-5115

General Data

Trane Model		RSCA0003	RSCA0005	RSCA0007	RSCA0010	RSCA0015	RSCA0020	RSCA0040
Manufacturer Model		031	051	081	0121	0161	351	602
Cooling Capacity [1]	Tons	3.21	4.58	7.63	11.67	13.26	22.33	31.16
EER [1][7]	-	8.94	9.02	9.25	9.59	9.08	8.16	9.04

Compressors

Cooling Circuits	No	1	1	1	1	1	1	1
Compressors	No	1	1	1	1	1	2	2
Capacity Control	%	0-100	0-100	0-100	0-100	0-100	0-50-100	0-50-100

Electrical [2]

Power	V/Ph/Hz	460/3/60						
MCA	A	12.1	19.5	26.7	42	49.2	80.6	123.7
MOP	A	15	25	40	60	70	110	150
FLA	A	10.4	17	22.4	35.4	41.5	72.9	117.2

Condenser

Fan Qty	No	1	1	1	2	2	3	2
Compressors	kW	0.72	0.72	1.05	1.05	1.05	1.05	2.5

Evaporator

Water Flow Rate of Pump (min/max) [3]	gpm	2.2/21.1	2.2/21.1	11/42.3	11/84.5	15.4/84.5	29/149.7	35.7/233.4
Available Pump Pressure(min/max) [4]	psi	44.7/23.8	44.6/26.2	42.6/22.3	42.6/10.7	41.9/6.9	49.2/7.8	39.1/12
Nominal Pump Power	kW	0.75	0.75	0.9	2.2	2.2	4	4
Tank Volume	Gal	30.4	30.4	37	67.4	67.4	92.5	132.1
Max System Operating Pressure	psi	87						
Water Connections	Size & Type	1.5" Cam					2.5" Victaulic	

Sound Levels [5]

Sound Power	dB (A)	82.6	83.7	83.9	84.2	85.1	88.3	92.3
Compressors	dB (A)	54.6	55.7	55.9	56.2	57.1	60.3	64.3

Dimensions and Installed Weight [6]

Width	Inch	37	37	40.5	40.5	40.5	45.5	61
Length	Inch	70.75	70.75	100	100	100	113.5	160.75
Height	Inch	65	65	70	70	70	94.25	95.75
Weight	lbs	1000	1050	1400	1580	1600	3000	4300

1. Evaporator water inlet/outlet temperature 55/45 °F. External air temperature 95 °F.
2. Protection Class: IP54
3. Minimum and maximum water flow pump.
4. Available head pressure at outlet unit at the minimum and maximum water flow rate.
5. Sound power: determined on the basis of measurements taken in accordance with the standard ISO 3744. Sound pressure at 32,8 ft: average value obtained in free field on a reflective surface at a distance of 32,8 ft from the side of the condenser coils and at a height of 5,2 ft from the unit support base. Values with tolerance +/- 2 dB. The sound levels refer to operation of the unit under full load in nominal conditions.
6. Weights and dimensions are subject to change at any time, contact Trane Rental Services for more detailed information if needed.
7. EER [Btu/h]