

Trane Rtad 145

Specifications

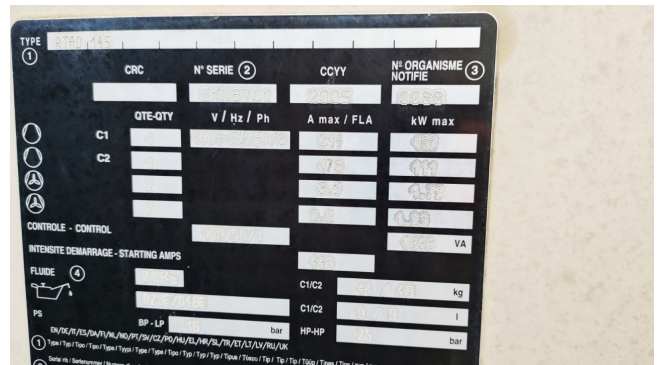
Brand	Trane
Type	Rtad 145
Product type	Air Cooled Chiller
Capacity kW	517
Capacity Tons	147
Refrigerant	Freon
Refrigerant Type	134a
Weight in kg.	4060
Sizes	5351 x 1245 x 3302 (L x W x H in mm)
Compressor(s) type & model	Screw (2 pieces)
Remarks	yob 2005
Stock	1



Description

Used Trane Rtad 145

Used, well maintained Trane Helical-rotary air-cooler 50hz water chiller RTAD-145 // freon R134A // 2 Helirotor compressors CHH series // Silent isolated compressor box // year of man. 2005 // 10 fans // Trane PLC // Manuals // Choosing HOSBV means buying with warranty. We perform a industrial cleaning and rust spots will be covered. Also, we can arrange your shipment.



KENPLAAT COMPRESSOR			
Naam fabrikant	Trane	Maximaal toelaatbare werkdruk	
Type compressor	Schroter	HD-zijde bar/kPa	LD-zijde bar/kPa
		32	24
Serienummer	UALM0000	Voor hermetische en semi-hermetische compressoren	
Beproevingdruk bar/kPa	32	Nominale spanning (V)	maximale stroomopname (A)
		230	10
Voor open compressoren tevens het max/min. toerental (n/min)			



General Data

SI Units

Table G-1 - General Data RTAD Standard

Size	85	100	115	125	145	150	165	180
Cooling capacity (5) (6)	275.0	335.6	392.0	447.2	516.9	552.7	602.6	647.3
Power input (7)	99.7	123.2	148.1	163.4	191.1	210.4	223.1	243.5
Energy Efficiency Ratio (5) (6)								
(as Eurovent)	2.78	2.60	2.63	2.39	2.71	2.63	2.70	2.86
ESSEF (as Eurovent)	3.49	3.32	3.41	3.21	3.51	3.53	3.40	3.27
IPLV (According to ARI conditions)								
44°F leaving water temperature,								
95°C entering air temperature)	3.94	3.72	3.86	3.67	3.94	3.75	3.77	3.88
Compressor								
Quantity	2	2	2	2	2	2	2	2
Nominal Size (1)	40/40	50/50	60/60	70/70	85/70	85/85	100/85	100/100
Evaporator								
Evaporator Model	EG120	EG140	EG170	EG200	EG200	EG200	EG250	EG250
Water Storage	1	270	222	204	204	204	415	415
Minimum Flow	l/s	4.1	6.6	7.3	8.8	8.8	11.6	11.6
Maximum Flow	l/s	17.3	20.8	24.6	30.7	30.7	38.0	38.0
Condenser								
Qty of Coils	2	2	2	2	2	2	2	2
Coil Length	mm	2743	3658	3658	4672	4572	5486	5486
Coil Height	mm	1626	1626	1626	1626	1626	1626	1626
Fin series	fin/sft	192	192	192	192	192	192	192
Number of Rows		3/3	2/2	3/3	3/3	3/3	3/3	3/3
Condenser Fans								
Quantity (1)	3/3	3/3	3/3	3/3	3/4	5/5	6/6	6/6
Diameter	mm	762	762	762	762	762	762	762
Total Air Flow	m³/s	23.52	28.09	26.71	26.73	36.99	39.24	44.89
Nominal RPM		915	915	915	915	915	915	915
Tip Speed	m/s	37.1	37.1	37.1	37.1	37.1	37.1	37.1
Motor kW		2.05	2.05	2.05	2.05	2.05	2.05	2.05
Minimum Starting/Oper Ambient(2)								
Standard Unit	°C	0	0	0	0	0	0	0
Low Ambient Unit	°C	-18	-18	-18	-18	-18	-18	-18
General Unit								
Refrigerant		HFC 134a	HFC 134a	HFC 134a	HFC 134a	HFC 134a	HFC 134a	HFC 134a
No. Of independent		2	2	2	2	2	2	2
Refrigerant Circuits		17	17	17	17	17	17	17
% Minimum Load (3)		2760	3395	3655	3670	4260	4520	5440
Operating Weight (4)	kg	2660	2940	3440	3470	4060	4320	5030
Shipping Weight (4)	kg							5115

- Notes:
- (1) Data containing information on two circuits shown as follows: ckt1/ckt2
 - (2) Minimum start-up/operation ambient based on a 2.22 m/s (5mph) wind across the condenser.
 - (3) Percent minimum load is for total machine at 10°C (50°F) ambient and 7°C (44°F) leaving chilled water temperature, not each individual circuit.
 - (4) With aluminium fins.
 - (5) At Eurovent conditions, 7°C leaving water temperature and 35°C entering condenser air temperature.
 - (6) Ratings based on sea level altitude and evaporator fouling factor or 0.017615 m²K/kW
 - (7) Unit kW input, including fans



