

T2178GK - 936ED68



Data

Refrigerant: R-404A	Starting Torque: HST	Displacement (cm ³): 20,44
Application: LBP	Motor: CSCR - 15 µF	Capacity (kcal/h): 918
Supply: 208-230 V 60 Hz / 200 V 50 Hz 1 ~ (60Hz)	Lubricant Type: ISO22	Efficiency (kcal/Wh): 1,031
Frequency (Hz): 60	Lubricant Charge (ml): 550	Type of test: ASHRAE32
Power (HP): 1-		

Mechanical Data

Bill of Materials: 936ED68
Starting Torque: High Starting Torque
Bore: 37,0 (mm)
Stroke: 9,5 (mm)
Weight: 17,3 (kg)

Application

Max. ambient temperature: 43 (°C)
Expansion Device: Capillary/ Valve
Cooling: Fan Cooling
Air flow rate: (m ³ /h)

Electrical Data

Motor Type: CSCR

Winding Resistance (25°C)

Run: 2,4
Start: 5,5

UL



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Check Point - Condensing Temperature 54,4 [°C]

Evaporating Temperature	Cooling Capacity +/- 5%			Power Consumption +/- 5%	Current Consumption +/- 5%	Efficiency +/- 7%		
	[°C]	[kcal/h]	[W]	[Btu/h]	[W]	[A]	[kcal/Wh]	[W/W]
-23,3	918	1.068	3.644	891	2,79	1,03	1,20	4,09

Condensing Temperature 35°C

Evaporating Temperature	Cooling Capacity +/- 5%			Power Consumption +/- 5%	Current Consumption +/- 5%	Gas Flow Rate +/- 5%	Efficiency +/- 7%		
	[°C]	[kcal/h]	[W]	[Btu/h]	[W]	[A]	[kg/h]	[kcal/Wh]	[W/W]
-40	391	454	1.550	515	0,76	10,42	0,76	0,88	3,01
-35	561	653	2.227	641	1,41	15,02	0,88	1,02	3,47
-30	756	879	3.000	763	2,04	20,29	0,99	1,15	3,93
-25	981	1.141	3.892	882	2,67	26,44	1,11	1,29	4,41
-20	1.242	1.445	4.929	998	3,29	33,66	1,24	1,45	4,94
-15	1.546	1.798	6.137	1.112	3,91	42,17	1,39	1,62	5,52
-10	1.900	2.210	7.539	1.223	4,54	52,15	1,55	1,81	6,17

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Evaporating Temperature	Cooling Capacity +/- 5%			Power Consumption +/- 5%	Current Consumption +/- 5%	Efficiency +/- 7%		
	[°C]	[kcal/h]	[W]	[Btu/h]	[W]	[A]	[kcal/Wh]	[W/W]
-23,3	918	1.068	3.644	891	2,79	1,03	1,20	4,09

Condensing Temperature

45°C

Evaporating Temperature	Cooling Capacity +/- 5%			Power Consumption +/- 5%	Current Consumption +/- 5%	Gas Flow Rate +/- 5%	Efficiency +/- 7%		
	[°C]	[kcal/h]	[W]	[Btu/h]	[W]	[A]	[kg/h]	[kcal/Wh]	[W/W]
-40	319	371	1.266	477	0,70	8,49	0,67	0,78	2,65
-35	493	573	1.955	604	1,32	13,16	0,82	0,95	3,23
-30	687	799	2.726	732	1,96	18,41	0,94	1,09	3,72
-25	908	1.057	3.605	862	2,61	24,44	1,05	1,23	4,18
-20	1.164	1.353	4.617	994	3,28	31,47	1,17	1,36	4,64
-15	1.458	1.696	5.787	1.129	3,98	39,69	1,29	1,50	5,13
-10	1.799	2.093	7.141	1.267	4,70	49,30	1,42	1,65	5,64

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Evaporating Temperature	Cooling Capacity +/- 5%			Power Consumption +/- 5%	Current Consumption +/- 5%	Efficiency +/- 7%		
	[°C]	[kcal/h]	[W]	[Btu/h]	[W]	[A]	[kcal/Wh]	[W/W]
-23,3	918	1.068	3.644	891	2,79	1,03	1,20	4,09

Condensing Temperature

55°C

Evaporating Temperature	Cooling Capacity +/- 5%			Power Consumption +/- 5%	Current Consumption +/- 5%	Gas Flow Rate +/- 5%	Efficiency +/- 7%		
	[°C]	[kcal/h]	[W]	[Btu/h]	[W]	[A]	[kg/h]	[kcal/Wh]	[W/W]
-40	250	291	991	442	0,64	6,63	0,57	0,66	2,25
-35	426	496	1.692	569	1,24	11,37	0,75	0,87	2,97
-30	621	722	2.463	702	1,87	16,60	0,88	1,03	3,51
-25	839	976	3.330	843	2,55	22,54	1,00	1,16	3,95
-20	1.088	1.266	4.318	991	3,27	29,37	1,10	1,28	4,36
-15	1.374	1.598	5.452	1.146	4,04	37,31	1,20	1,39	4,76
-10	1.703	1.980	6.757	1.310	4,86	46,55	1,30	1,51	5,16