

# T2180GK - 936HA63



## Data

Refrigerant: R-404A	Starting Torque: HST	Displacement (cm <sup>3</sup> ): 22,37
Application: LBP	Motor: CSCR - 15 µF	Capacity (kcal/h): 855
Supply: 220-240 V 50 Hz 1 ~ (50Hz)	Lubricant Type: ISO22	Efficiency (kcal/Wh): 1,081
Frequency (Hz): 50	Lubricant Charge (ml): 550	Type of test: ASHRAE32
Power (HP): 1		

### Mechanical Data

Bill of Materials: 936HA63
Starting Torque: High Starting Torque
Bore: 37,0 (mm)
Stroke: 10,4 (mm)
Weight: 17,2 (kg)

### Application

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

### Electrical Data

Motor Type: CSCR
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### Winding Resistance (25°C)

Run: 2,5
Start: 11,6

### Approvals and Markings

IMQ



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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	855	994	3.392	791	3,90	1,08	1,26	4,29

### 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	396	461	1.572	493	2,70	10,56	0,80	0,93	3,19
-35	554	645	2.199	574	2,98	14,83	0,97	1,12	3,83
-30	734	854	2.913	661	3,31	19,70	1,11	1,29	4,41
-25	942	1.095	3.737	755	3,71	25,39	1,25	1,45	4,95
-20	1.184	1.377	4.699	859	4,18	32,09	1,38	1,60	5,47
-15	1.467	1.707	5.823	974	4,75	40,02	1,51	1,75	5,98
-10	1.798	2.092	7.137	1.101	5,42	49,37	1,63	1,90	6,48

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Frequency (Hz): 50	Lubricant Charge (ml): 550	Type of test: ASHRAE32
Power (HP): 1		

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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	855	994	3.392	791	3,90	1,08	1,26	4,29

### 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	307	357	1.219	446	2,36	8,17	0,69	0,80	2,73
-35	468	544	1.857	542	2,76	12,50	0,86	1,00	3,42
-30	648	754	2.573	645	3,20	17,37	1,00	1,17	3,99
-25	855	994	3.392	756	3,69	23,00	1,13	1,32	4,49
-20	1.094	1.272	4.340	876	4,25	29,58	1,25	1,45	4,95
-15	1.372	1.595	5.443	1.008	4,88	37,33	1,36	1,58	5,40
-10	1.695	1.972	6.727	1.152	5,61	46,44	1,47	1,71	5,84

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	[°C]	[kcal/h]	[W]	[Btu/h]	[W]	[A]	[kcal/Wh]	[W/W]
-23,3	855	994	3.392	791	3,90	1,08	1,26	4,29

### 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	220	256	873	399	2,03	5,84	0,55	0,64	2,19
-35	384	447	1.524	510	2,55	10,24	0,75	0,88	2,99
-30	565	658	2.244	628	3,09	15,12	0,90	1,05	3,57
-25	771	897	3.059	754	3,67	20,70	1,02	1,19	4,06
-20	1.007	1.171	3.996	890	4,30	27,18	1,13	1,32	4,49
-15	1.280	1.489	5.080	1.038	5,00	34,76	1,23	1,43	4,90
-10	1.597	1.857	6.336	1.198	5,78	43,66	1,33	1,55	5,29