

HAX34e/380-4

Engine: 220-240V Δ / 380-420V Y -3- 50Hz

Refrigerant: R404A, R507

Subject: Предварительный расчет

Performance data table

Application: Refrigeration & AC

Reference temperature: Dew point

Supply frequency: 50 Hz

Voltage: 400 V

Suction gas temperature: 20 °C

Subcooling (outside cond.): 0 K

tc [°C]		to [°C]										
		-20.0	-25.0	-30.0	-35.0	-40.0						
15.0	Q [W] P [kW] I [A]											
20.0	Q [W] P [kW] I [A]	16600 4.95 9.15	13400 4.53 8.62	10600 4.07 8.07	8160 3.60 7.53	6180 3.12 7.02						
25.0	Q [W] P [kW] I [A]	15400 5.24 9.52	12400 4.76 8.91	9710 4.25 8.28	7490 3.72 7.67	5640 3.19 7.09						
30.0	Q [W] P [kW] I [A]	14200 5.50 9.87	11400 4.96 9.17	8910 4.39 8.46	6850 3.81 7.77	5130 3.22 7.12						
35.0	Q [W] P [kW] I [A]	13000 5.74 10.20	10400 5.14 9.39	8130 4.50 8.59	6230 3.86 7.82	4630 3.21 7.11						
40.0	Q [W] P [kW] I [A]	11900 5.95 10.50	9440 5.28 9.57	7370 4.58 8.68	5610 3.86 7.83	4130 3.16 7.05						
45.0	Q [W] P [kW] I [A]	10800 6.12 10.80	8510 5.38 9.71	6610 4.61 8.72	4990 3.83 7.79	3630 3.05 6.95						
50.0	Q [W] P [kW] I [A]	9600 6.25 10.90	7590 5.43 9.78	5850 4.59 8.70	4360 3.74 7.69	3100 2.90 6.79						
55.0	Q [W] P [kW] I [A]	8480 6.34 11.10	6650 5.45 9.80	5070 4.53 8.63	3710 3.60 7.54	2550 2.68 6.57						

Preliminary capacity data.



Reduced suction gas temperature ($\Delta t_{oh} < 20K$)

- to Evaporating temperature
- tc Condensing temperature
- Q Compressor refrigeration capacity
- P Power consumption
- I Current draw

Subject to change without notice

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