



Performance Table for H2BG104DBE

380/415-3-50Hz
R22 -Dew Point
11°K Superheat
8°K Subcooling
35°C Ambient
@380-3-50

| Cond. Temp. | | Nominal performance ±5% based on 72 hr run-in | | | | | | | | Evap. Temp. |
|-------------|------------|---|-------|-------|-------|-------|-------|-------|-------|-------------|
| | | -30°C | -25°C | -20°C | -15°C | -10°C | -5°C | 0°C | 5°C | |
| 25°C | Capacity | 4919 | 7280 | 10125 | 13624 | 17946 | 23260 | 29736 | 37544 | 46852 |
| | Power | 3046 | 3493 | 3888 | 4240 | 4559 | 4854 | 5133 | 5406 | 5681 |
| | Current | 9.6 | 9.8 | 10.1 | 10.3 | 10.5 | 10.7 | 10.8 | 10.8 | 10.8 |
| | MassFlow | 91.5 | 142.8 | 199.7 | 266.4 | 346.5 | 444.2 | 563.3 | 707.7 | 881.3 |
| | COP | 1.61 | 2.08 | 2.60 | 3.21 | 3.94 | 4.79 | 5.79 | 6.94 | 8.25 |
| | Efficiency | | | | | | | | | |
| 30°C | Capacity | | | 9086 | 12399 | 16431 | 21352 | 27330 | 34535 | 43138 |
| | Power | | | 4042 | 4476 | 4866 | 5218 | 5543 | 5849 | 6146 |
| | Current | | | 10.3 | 10.6 | 10.9 | 11.1 | 11.3 | 11.4 | 11.5 |
| | MassFlow | | | 183.7 | 248.7 | 325.3 | 417.4 | 529.0 | 663.9 | 826.2 |
| | COP | | | 2.25 | 2.77 | 3.38 | 4.09 | 4.93 | 5.90 | 7.02 |
| | Efficiency | | | | | | | | | |
| 35°C | Capacity | | | | 11218 | 15000 | 19566 | 25086 | 31729 | 39664 |
| | Power | | | | 4672 | 5143 | 5565 | 5948 | 6299 | 6629 |
| | Current | | | | 10.8 | 11.2 | 11.5 | 11.8 | 12.0 | 12.2 |
| | MassFlow | | | | 232.5 | 306.6 | 394.3 | 499.4 | 626.0 | 777.9 |
| | COP | | | | 2.40 | 2.92 | 3.52 | 4.22 | 5.04 | 5.98 |
| | Efficiency | | | | | | | | | |
| 40°C | Capacity | | | | | 13628 | 17879 | 22980 | 29101 | 36409 |
| | Power | | | | | 5380 | 5883 | 6335 | 6744 | 7118 |
| | Current | | | | | 11.4 | 11.8 | 12.1 | 12.5 | 12.8 |
| | MassFlow | | | | | 289.3 | 373.5 | 473.3 | 592.6 | 735.2 |
| | COP | | | | | 2.53 | 3.04 | 3.63 | 4.32 | 5.12 |
| | Efficiency | | | | | | | | | |
| 45°C | Capacity | | | | | | | 20991 | 26628 | 33349 |
| | Power | | | | | | | 6694 | 7172 | 7603 |
| | Current | | | | | | | 12.5 | 12.9 | 13.3 |
| | MassFlow | | | | | | | 449.4 | 562.5 | 696.9 |
| | COP | | | | | | | 3.14 | 3.71 | 4.39 |
| | Efficiency | | | | | | | | | |
| 50°C | Capacity | | | | | | | | 24287 | 30460 |
| | Power | | | | | | | | 7571 | 8071 |
| | Current | | | | | | | | 13.3 | 13.8 |
| | MassFlow | | | | | | | | 534.4 | 661.7 |
| | COP | | | | | | | | 3.21 | 3.77 |
| | Efficiency | | | | | | | | | |
| 55°C | Capacity | | | | | | | | | |
| | Power | | | | | | | | | |
| | Current | | | | | | | | | |
| | MassFlow | | | | | | | | | |
| | COP | | | | | | | | | |
| | Efficiency | | | | | | | | | |
| 60°C | Capacity | | | | | | | | | |
| | Power | | | | | | | | | |
| | Current | | | | | | | | | |
| | MassFlow | | | | | | | | | |
| | COP | | | | | | | | | |
| | Efficiency | | | | | | | | | |
| 65°C | Capacity | | | | | | | | | |
| | Power | | | | | | | | | |
| | Current | | | | | | | | | |
| | MassFlow | | | | | | | | | |
| | COP | | | | | | | | | |
| | Efficiency | | | | | | | | | |

Units: Capacity (Watt), Power(Watt), Current (Amp), Mass Flow(kg/hr), COP, Efficiency(%)

H2BG104DBE Revision: 1

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