



Performance Table for H2BG124DBE

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 | 6142 | 8694 | 11998 | 16077 | 20959 | 26669 | 33232 | 40675 | 49022 |
| | Power | 3733 | 4262 | 4761 | 5217 | 5617 | 5948 | 6199 | 6356 | 6407 |
| | Current | 12.0 | 12.2 | 12.4 | 12.7 | 13.0 | 13.4 | 13.8 | 14.2 | 14.7 |
| | MassFlow | 122.3 | 171.5 | 233.9 | 309.9 | 399.7 | 503.7 | 622.1 | 755.2 | 903.3 |
| | COP | 1.65 | 2.04 | 2.52 | 3.08 | 3.73 | 4.48 | 5.36 | 6.40 | 7.65 |
| | Efficiency | | | | | | | | | |
| 30°C | Capacity | | 7809 | 10910 | 14746 | 19343 | 24727 | 30923 | 37957 | 45855 |
| | Power | | 4365 | 4943 | 5482 | 5970 | 6393 | 6740 | 6998 | 7154 |
| | Current | | 12.3 | 12.6 | 12.9 | 13.3 | 13.6 | 14.1 | 14.5 | 15.0 |
| | MassFlow | | 159.7 | 220.2 | 293.8 | 380.7 | 481.4 | 596.0 | 724.9 | 868.4 |
| | COP | | 1.79 | 2.21 | 2.69 | 3.24 | 3.87 | 4.59 | 5.42 | 6.41 |
| | Efficiency | | | | | | | | | |
| 35°C | Capacity | | | 9845 | 13451 | 17778 | 22850 | 28693 | 35333 | 42795 |
| | Power | | | 5069 | 5693 | 6270 | 6787 | 7232 | 7592 | 7855 |
| | Current | | | 12.7 | 13.1 | 13.5 | 13.9 | 14.3 | 14.8 | 15.3 |
| | MassFlow | | | 206.2 | 277.8 | 362.3 | 460.0 | 571.3 | 696.3 | 835.5 |
| | COP | | | 1.94 | 2.36 | 2.84 | 3.37 | 3.97 | 4.65 | 5.45 |
| | Efficiency | | | | | | | | | |
| 40°C | Capacity | | | | | 16256 | 21030 | 26534 | 32794 | 39836 |
| | Power | | | | | 6518 | 7131 | 7676 | 8140 | 8511 |
| | Current | | | | | 13.7 | 14.1 | 14.6 | 15.1 | 15.7 |
| | MassFlow | | | | | 343.9 | 439.1 | 547.3 | 668.9 | 804.2 |
| | COP | | | | | 2.49 | 2.95 | 3.46 | 4.03 | 4.68 |
| | Efficiency | | | | | | | | | |
| 45°C | Capacity | | | | | | 19260 | 24439 | 30333 | 36968 |
| | Power | | | | | | 7426 | 8072 | 8642 | 9124 |
| | Current | | | | | | 14.3 | 14.9 | 15.4 | 16.0 |
| | MassFlow | | | | | | 418.1 | 523.7 | 642.2 | 774.0 |
| | COP | | | | | | 2.59 | 3.03 | 3.51 | 4.05 |
| | Efficiency | | | | | | | | | |
| 50°C | Capacity | | | | | | | | 27942 | 34183 |
| | Power | | | | | | | | 9100 | 9693 |
| | Current | | | | | | | | 15.8 | 16.4 |
| | MassFlow | | | | | | | | 615.8 | 744.4 |
| | COP | | | | | | | | 3.07 | 3.53 |
| | 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(%)

H2BG124DBE Revision: 1

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