## 5MKS90E7V3B

### Cooling [50Hz 230V]

| Combination (Capacity) | Outdoor air temp. °CDB | Indoor air temp.: °CWB | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 14°C | | 16°C | | 18°C | | 19°C | | 22°C | | 24°C | |
| | | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI | TC | PI |
| | | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW | kW |
| 2.0+2.5+2.5+2.5+5.0 | 22.0 | 9.91 | 2.84 | 10.36 | 2.90 | 10.82 | 2.95 | 11.04 | 2.98 | 11.72 | 3.06 | 12.18 | 3.12 |
| | 25.0 | 9.63 | 2.95 | 10.09 | 3.00 | 10.54 | 3.06 | 10.77 | 3.08 | 11.45 | 3.17 | 11.90 | 3.22 |
| | 32.0 | 8.99 | 3.21 | 9.44 | 3.26 | 9.90 | 3.32 | 10.13 | 3.34 | 10.81 | 3.43 | 11.26 | 3.48 |
| | 35.0 | 8.72 | 3.33 | 9.17 | 3.38 | 9.62 | 3.44 | **9.85** | **3.46** | 10.53 | 3.55 | 10.98 | 3.60 |
| | 40.0 | 8.26 | 3.54 | 8.71 | 3.59 | 9.16 | 3.65 | 9.39 | 3.68 | 10.07 | 3.75 | 10.50 | 3.75 |
| | 43.0 | 7.98 | 3.60 | 8.42 | 3.60 | 8.85 | 3.60 | 9.06 | 3.60 | 9.69 | 3.60 | 10.09 | 3.60 |
| | 46.0 | 7.55 | 3.03 | 7.92 | 3.03 | 8.28 | 3.03 | 8.45 | 3.03 | 8.98 | 3.03 | 9.32 | 3.03 |
| 2.0+2.5+2.5+2.5+6.0 | 22.0 | 10.55 | 3.10 | 11.04 | 3.16 | 11.52 | 3.22 | 11.76 | 3.25 | 12.48 | 3.34 | 12.97 | 3.40 |
| | 25.0 | 10.26 | 3.21 | 10.74 | 3.27 | 11.23 | 3.33 | 11.47 | 3.36 | 12.19 | 3.45 | 12.68 | 3.51 |
| | 32.0 | 9.57 | 3.49 | 10.06 | 3.55 | 10.54 | 3.61 | 10.78 | 3.64 | 11.51 | 3.73 | 11.99 | 3.79 |
| | 35.0 | 9.28 | 3.62 | 9.77 | 3.68 | 10.25 | 3.74 | **10.49** | **3.77** | 11.21 | 3.86 | 11.70 | 3.92 |
| | 40.0 | 8.79 | 3.75 | 9.26 | 3.75 | 9.71 | 3.75 | 9.94 | 3.75 | 10.60 | 3.75 | 11.03 | 3.75 |
| | 43.0 | 8.50 | 3.60 | 8.96 | 3.60 | 9.39 | 3.60 | 9.61 | 3.60 | 10.24 | 3.60 | 10.65 | 3.60 |
| | 46.0 | 8.03 | 3.03 | 8.40 | 3.03 | 8.76 | 3.03 | 8.94 | 3.03 | 9.47 | 3.03 | 9.82 | 3.03 |
| 2.0+2.5+2.5+3.5+3.5 | 22.0 | 9.74 | 2.83 | 10.18 | 2.88 | 10.63 | 2.94 | 10.85 | 2.96 | 11.52 | 3.05 | 11.97 | 3.10 |
| | 25.0 | 9.47 | 2.93 | 9.91 | 2.98 | 10.36 | 3.04 | 10.58 | 3.07 | 11.25 | 3.15 | 11.70 | 3.20 |
| | 32.0 | 8.84 | 3.19 | 9.28 | 3.24 | 9.73 | 3.30 | 9.95 | 3.32 | 10.62 | 3.41 | 11.07 | 3.46 |
| | 35.0 | 8.57 | 3.31 | 9.01 | 3.36 | 9.46 | 3.42 | **9.68** | **3.44** | 10.35 | 3.53 | 10.79 | 3.58 |
| | 40.0 | 8.11 | 3.52 | 8.56 | 3.57 | 9.01 | 3.63 | 9.23 | 3.65 | 9.90 | 3.74 | 10.33 | 3.75 |
| | 43.0 | 7.84 | 3.60 | 8.28 | 3.60 | 8.71 | 3.60 | 8.92 | 3.60 | 9.54 | 3.60 | 9.94 | 3.60 |
| | 46.0 | 7.44 | 3.03 | 7.80 | 3.03 | 8.16 | 3.03 | 8.33 | 3.03 | 8.85 | 3.03 | 9.19 | 3.03 |
| 2.0+2.5+2.5+3.5+4.2 | 22.0 | 10.14 | 3.21 | 10.60 | 3.27 | 11.07 | 3.33 | 11.30 | 3.36 | 12.00 | 3.45 | 12.46 | 3.52 |
| | 25.0 | 9.86 | 3.32 | 10.32 | 3.38 | 10.79 | 3.45 | 11.02 | 3.48 | 11.72 | 3.57 | 12.18 | 3.63 |
| | 32.0 | 9.20 | 3.61 | 9.67 | 3.68 | 10.13 | 3.74 | 10.36 | 3.77 | 11.06 | 3.86 | 11.52 | 3.92 |
| | 35.0 | 8.92 | 3.75 | 9.38 | 3.81 | 9.85 | 3.87 | **10.08** | **3.90** | 10.78 | 4.00 | 11.23 | 4.02 |
| | 40.0 | 8.45 | 3.75 | 8.91 | 3.75 | 9.37 | 3.75 | 9.58 | 3.75 | 10.22 | 3.75 | 10.63 | 3.75 |
| | 43.0 | 8.17 | 3.60 | 8.63 | 3.60 | 9.10 | 3.60 | 9.32 | 3.60 | 9.92 | 3.60 | 10.32 | 3.60 |
| | 46.0 | 7.86 | 3.03 | 8.22 | 3.03 | 8.57 | 3.03 | 8.74 | 3.03 | 9.25 | 3.03 | 9.58 | 3.03 |
| 2.0+2.5+2.5+3.5+5.0 | 22.0 | 10.48 | 3.50 | 10.96 | 3.57 | 11.44 | 3.64 | 11.68 | 3.67 | 12.40 | 3.77 | 12.88 | 3.84 |
| | 25.0 | 10.19 | 3.63 | 10.67 | 3.69 | 11.15 | 3.76 | 11.39 | 3.80 | 12.11 | 3.90 | 12.59 | 3.97 |
| | 32.0 | 9.51 | 3.95 | 9.99 | 4.01 | 10.47 | 4.08 | 10.71 | 4.12 | 11.42 | 4.18 | 11.88 | 4.18 |
| | 35.0 | 9.22 | 4.02 | 9.70 | 4.02 | 10.18 | 4.02 | **10.41** | **4.02** | 11.09 | 4.02 | 11.53 | 4.02 |
| | 40.0 | 8.73 | 3.75 | 9.21 | 3.75 | 9.69 | 3.75 | 9.93 | 3.75 | 10.61 | 3.75 | 11.02 | 3.75 |
| | 43.0 | 8.44 | 3.60 | 8.92 | 3.60 | 9.40 | 3.60 | 9.64 | 3.60 | 10.35 | 3.60 | 10.75 | 3.60 |
| | 46.0 | 8.15 | 3.03 | 8.63 | 3.03 | 8.99 | 3.03 | 9.16 | 3.03 | 9.66 | 3.03 | 9.99 | 3.03 |
| 2.0+2.5+2.5+4.2+4.2 | 22.0 | 10.15 | 3.21 | 10.61 | 3.27 | 11.08 | 3.33 | 11.31 | 3.36 | 12.01 | 3.45 | 12.47 | 3.52 |
| | 25.0 | 9.87 | 3.32 | 10.33 | 3.38 | 10.80 | 3.45 | 11.03 | 3.48 | 11.73 | 3.57 | 12.19 | 3.63 |
| | 32.0 | 9.21 | 3.61 | 9.67 | 3.68 | 10.14 | 3.74 | 10.37 | 3.77 | 11.07 | 3.86 | 11.53 | 3.92 |
| | 35.0 | 8.93 | 3.75 | 9.39 | 3.81 | 9.86 | 3.87 | **10.09** | **3.90** | 10.79 | 4.00 | 11.24 | 4.02 |
| | 40.0 | 8.46 | 3.75 | 8.92 | 3.75 | 9.38 | 3.75 | 9.59 | 3.75 | 10.28 | 3.75 | 10.64 | 3.75 |
| | 43.0 | 8.18 | 3.60 | 8.64 | 3.60 | 9.11 | 3.60 | 9.32 | 3.60 | 9.93 | 3.60 | 10.33 | 3.60 |
| | 46.0 | 7.87 | 3.03 | 8.23 | 3.03 | 8.58 | 3.03 | 8.75 | 3.03 | 9.26 | 3.03 | 9.59 | 3.03 |

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### NOTES

1 Capacities are based on following conditions
Corresponding refrigerant piping length : 5.0m
Level difference : 0m

2 The bold line ☐ is indicated the standard condition.

3 The above is the value for connecting with the following indoor units.
2.0, 2.5, 3.5, 4.2, 5.0 kW class; wall mounted G series
6.0, 7.1 kW class; wall mounted F, G series

### SYMBOLS

TC : Total cooling capacity (kW)
PI : Power input (kW)