## 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 kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW | TC kW | PI kW |
| 2.0+2.0+2.5+7.1 | 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+2.0+3.5+3.5 | 22.0 | 8.91 | 2.63 | 9.32 | 2.68 | 9.73 | 2.73 | 9.93 | 2.76 | 10.54 | 2.83 | 10.95 | 2.89 |
| | 25.0 | 8.66 | 2.72 | 9.07 | 2.78 | 9.48 | 2.83 | 9.69 | 2.85 | 10.30 | 2.93 | 10.71 | 2.98 |
| | 32.0 | 8.09 | 2.96 | 8.50 | 3.02 | 8.90 | 3.07 | 9.11 | 3.09 | 9.72 | 3.17 | 10.13 | 3.22 |
| | 35.0 | 7.84 | 3.08 | 8.25 | 3.13 | 8.66 | 3.18 | **8.86** | **3.20** | 9.47 | 3.28 | 9.88 | 3.33 |
| | 40.0 | 7.43 | 3.27 | 7.84 | 3.32 | 8.24 | 3.37 | 8.45 | 3.40 | 9.06 | 3.48 | 9.47 | 3.53 |
| | 43.0 | 7.18 | 3.40 | 7.59 | 3.45 | 8.00 | 3.50 | 8.20 | 3.52 | 8.81 | 3.60 | 9.20 | 3.60 |
| | 46.0 | 6.86 | 3.03 | 7.21 | 3.03 | 7.56 | 3.03 | 7.73 | 3.03 | 8.23 | 3.03 | 8.56 | 3.03 |
| 2.0+2.0+3.5+4.2 | 22.0 | 9.10 | 2.74 | 9.52 | 2.80 | 9.94 | 2.85 | 10.15 | 2.88 | 10.77 | 2.96 | 11.19 | 3.01 |
| | 25.0 | 8.85 | 2.84 | 9.27 | 2.90 | 9.68 | 2.95 | 9.89 | 2.98 | 10.52 | 3.06 | 10.94 | 3.11 |
| | 32.0 | 8.26 | 3.09 | 8.68 | 3.15 | 9.09 | 3.20 | 9.30 | 3.23 | 9.93 | 3.31 | 10.35 | 3.36 |
| | 35.0 | 8.01 | 3.21 | 8.42 | 3.26 | 8.84 | 3.32 | **9.05** | **3.34** | 9.68 | 3.42 | 10.09 | 3.48 |
| | 40.0 | 7.59 | 3.42 | 8.00 | 3.47 | 8.42 | 3.52 | 8.63 | 3.55 | 9.25 | 3.63 | 9.67 | 3.68 |
| | 43.0 | 7.33 | 3.55 | 7.75 | 3.60 | 8.16 | 3.60 | 8.37 | 3.60 | 8.96 | 3.60 | 9.35 | 3.60 |
| | 46.0 | 7.01 | 3.03 | 7.36 | 3.03 | 7.71 | 3.03 | 7.88 | 3.03 | 8.38 | 3.03 | 8.70 | 3.03 |
| 2.0+2.0+3.5+5.0 | 22.0 | 9.27 | 2.76 | 9.70 | 2.82 | 10.12 | 2.87 | 10.34 | 2.90 | 10.97 | 2.98 | 11.40 | 3.03 |
| | 25.0 | 9.02 | 2.86 | 9.44 | 2.91 | 9.87 | 2.97 | 10.08 | 2.99 | 10.72 | 3.08 | 11.14 | 3.13 |
| | 32.0 | 8.42 | 3.11 | 8.84 | 3.17 | 9.27 | 3.22 | 9.48 | 3.25 | 10.11 | 3.33 | 10.54 | 3.38 |
| | 35.0 | 8.16 | 3.23 | 8.58 | 3.28 | 9.01 | 3.34 | **9.22** | **3.36** | 9.86 | 3.44 | 10.28 | 3.50 |
| | 40.0 | 7.73 | 3.44 | 8.15 | 3.49 | 8.58 | 3.54 | 8.79 | 3.57 | 9.43 | 3.65 | 9.85 | 3.70 |
| | 43.0 | 7.47 | 3.57 | 7.90 | 3.60 | 8.31 | 3.60 | 8.52 | 3.60 | 9.12 | 3.60 | 9.51 | 3.60 |
| | 46.0 | 7.13 | 3.03 | 7.48 | 3.03 | 7.83 | 3.03 | 8.00 | 3.03 | 8.51 | 3.03 | 8.84 | 3.03 |
| 2.0+2.0+3.5+6.0 | 22.0 | 9.72 | 2.82 | 10.16 | 2.87 | 10.61 | 2.93 | 10.83 | 2.98 | 11.50 | 3.04 | 11.94 | 3.09 |
| | 25.0 | 9.45 | 2.92 | 9.89 | 2.97 | 10.34 | 3.03 | 10.56 | 3.06 | 11.23 | 3.14 | 11.67 | 3.19 |
| | 32.0 | 8.82 | 3.18 | 9.26 | 3.23 | 9.71 | 3.29 | 9.93 | 3.31 | 10.60 | 3.40 | 11.04 | 3.45 |
| | 35.0 | 8.55 | 3.30 | 8.99 | 3.35 | 9.44 | 3.41 | **9.66** | **3.43** | 10.33 | 3.52 | 10.77 | 3.57 |
| | 40.0 | 8.10 | 3.51 | 8.54 | 3.56 | 8.99 | 3.62 | 9.21 | 3.64 | 9.88 | 3.73 | 10.31 | 3.75 |
| | 43.0 | 7.83 | 3.60 | 8.26 | 3.60 | 8.69 | 3.60 | 8.90 | 3.60 | 9.52 | 3.60 | 9.92 | 3.60 |
| | 46.0 | 7.42 | 3.03 | 7.79 | 3.03 | 8.14 | 3.03 | 8.32 | 3.03 | 8.84 | 3.03 | 9.17 | 3.03 |
| 2.0+2.0+3.5+7.1 | 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 |

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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)