## 5MKS90E

### 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+2.0+2.5+6.0 | 22.0 | 10.26 | 2.89 | 10.73 | 2.95 | 11.20 | 3.01 | 11.43 | 3.03 | 12.14 | 3.12 | 12.61 | 3.17 |
| | 25.0 | 9.98 | 3.00 | 10.44 | 3.05 | 10.91 | 3.11 | 11.15 | 3.14 | 11.85 | 3.22 | 12.32 | 3.28 |
| | 32.0 | 9.31 | 3.26 | 9.78 | 3.32 | 10.25 | 3.37 | 10.48 | 3.40 | 11.19 | 3.49 | 11.66 | 3.54 |
| | 35.0 | 9.03 | 3.38 | 9.50 | 3.44 | 9.97 | 3.50 | 10.20 | 3.52 | 10.90 | 3.61 | 11.37 | 3.66 |
| | 40.0 | 8.55 | 3.60 | 9.02 | 3.66 | 9.49 | 3.71 | 9.73 | 3.74 | 10.40 | 3.75 | 10.83 | 3.75 |
| | 43.0 | 8.26 | 3.60 | 8.71 | 3.60 | 9.14 | 3.60 | 9.36 | 3.60 | 10.00 | 3.60 | 10.41 | 3.60 |
| | 46.0 | 7.78 | 3.03 | 8.15 | 3.03 | 8.52 | 3.03 | 8.70 | 3.03 | 9.23 | 3.03 | 9.58 | 3.03 |
| 2.0+2.0+2.0+2.5+7.1 | 22.0 | 10.56 | 3.16 | 11.05 | 3.22 | 11.53 | 3.28 | 11.77 | 3.31 | 12.50 | 3.40 | 12.98 | 3.46 |
| | 25.0 | 10.27 | 3.27 | 10.75 | 3.33 | 11.24 | 3.39 | 11.48 | 3.42 | 12.20 | 3.51 | 12.69 | 3.58 |
| | 32.0 | 9.58 | 3.56 | 10.07 | 3.62 | 10.55 | 3.68 | 10.79 | 3.71 | 11.52 | 3.80 | 12.00 | 3.86 |
| | 35.0 | 9.29 | 3.69 | 9.77 | 3.75 | 10.26 | 3.81 | 10.50 | 3.84 | 11.23 | 3.94 | 11.71 | 4.00 |
| | 40.0 | 8.80 | 3.75 | 9.27 | 3.75 | 9.72 | 3.75 | 9.94 | 3.75 | 10.60 | 3.75 | 11.03 | 3.75 |
| | 43.0 | 8.51 | 3.60 | 8.98 | 3.60 | 9.41 | 3.60 | 9.63 | 3.60 | 10.25 | 3.60 | 10.66 | 3.60 |
| | 46.0 | 8.07 | 3.03 | 8.43 | 3.03 | 8.80 | 3.03 | 8.97 | 3.03 | 9.50 | 3.03 | 9.84 | 3.03 |
| 2.0+2.0+2.0+3.5+3.5 | 22.0 | 9.42 | 2.69 | 9.85 | 2.74 | 10.28 | 2.79 | 10.49 | 2.82 | 11.14 | 2.90 | 11.57 | 2.95 |
| | 25.0 | 9.15 | 2.78 | 9.58 | 2.84 | 10.02 | 2.89 | 10.23 | 2.91 | 10.88 | 2.99 | 11.31 | 3.05 |
| | 32.0 | 8.54 | 3.03 | 8.97 | 3.08 | 9.41 | 3.13 | 9.62 | 3.16 | 10.27 | 3.24 | 10.70 | 3.29 |
| | 35.0 | 8.28 | 3.14 | 8.71 | 3.19 | 9.14 | 3.25 | 9.36 | 3.27 | 10.01 | 3.35 | 10.44 | 3.40 |
| | 40.0 | 7.85 | 3.34 | 8.28 | 3.40 | 8.71 | 3.45 | 8.92 | 3.47 | 9.57 | 3.55 | 10.00 | 3.61 |
| | 43.0 | 7.58 | 3.47 | 8.02 | 3.52 | 8.45 | 3.58 | 8.66 | 3.60 | 9.28 | 3.60 | 9.68 | 3.60 |
| | 46.0 | 7.20 | 3.03 | 7.56 | 3.03 | 7.92 | 3.03 | 8.10 | 3.03 | 8.61 | 3.03 | 8.95 | 3.03 |
| 2.0+2.0+2.0+3.5+5.0 | 22.0 | 10.22 | 2.88 | 10.69 | 2.94 | 11.16 | 3.00 | 11.39 | 3.03 | 12.09 | 3.11 | 12.56 | 3.17 |
| | 25.0 | 9.94 | 2.99 | 10.40 | 3.04 | 10.87 | 3.10 | 11.11 | 3.13 | 11.81 | 3.21 | 12.28 | 3.27 |
| | 32.0 | 9.27 | 3.25 | 9.74 | 3.31 | 10.21 | 3.36 | 10.44 | 3.39 | 11.15 | 3.48 | 11.61 | 3.53 |
| | 35.0 | 8.99 | 3.37 | 9.46 | 3.43 | 9.93 | 3.49 | 10.16 | 3.51 | 10.86 | 3.60 | 11.33 | 3.65 |
| | 40.0 | 8.52 | 3.59 | 8.98 | 3.65 | 9.45 | 3.70 | 9.69 | 3.73 | 10.36 | 3.75 | 10.79 | 3.75 |
| | 43.0 | 8.23 | 3.60 | 8.67 | 3.60 | 9.11 | 3.60 | 9.33 | 3.60 | 9.96 | 3.60 | 10.37 | 3.60 |
| | 46.0 | 7.75 | 3.03 | 8.12 | 3.03 | 8.49 | 3.03 | 8.67 | 3.03 | 9.20 | 3.03 | 9.55 | 3.03 |
| 2.0+2.0+2.0+3.5+6.0 | 22.0 | 10.55 | 3.16 | 11.04 | 3.22 | 11.52 | 3.28 | 11.76 | 3.31 | 12.48 | 3.40 | 12.97 | 3.46 |
| | 25.0 | 10.26 | 3.27 | 10.74 | 3.33 | 11.23 | 3.39 | 11.47 | 3.42 | 12.19 | 3.51 | 12.68 | 3.58 |
| | 32.0 | 9.57 | 3.56 | 10.06 | 3.62 | 10.54 | 3.68 | 10.78 | 3.71 | 11.51 | 3.80 | 11.99 | 3.86 |
| | 35.0 | 9.28 | 3.69 | 9.77 | 3.75 | 10.25 | 3.81 | 10.49 | 3.84 | 11.21 | 3.94 | 11.70 | 4.00 |
| | 40.0 | 8.79 | 3.75 | 9.26 | 3.75 | 9.71 | 3.75 | 9.94 | 3.75 | 10.59 | 3.75 | 11.02 | 3.75 |
| | 43.0 | 8.50 | 3.60 | 8.97 | 3.60 | 9.41 | 3.60 | 9.62 | 3.60 | 10.24 | 3.60 | 10.65 | 3.60 |
| | 46.0 | 8.06 | 3.03 | 8.43 | 3.03 | 8.79 | 3.03 | 8.97 | 3.03 | 9.49 | 3.03 | 9.83 | 3.03 |
| 2.0+2.0+2.5+2.5+2.5 | 22.0 | 9.60 | 2.80 | 10.04 | 2.86 | 10.48 | 2.91 | 10.69 | 2.94 | 11.35 | 3.02 | 11.79 | 3.08 |
| | 25.0 | 9.33 | 2.90 | 9.77 | 2.96 | 10.21 | 3.01 | 10.43 | 3.04 | 11.09 | 3.12 | 11.53 | 3.18 |
| | 32.0 | 8.71 | 3.16 | 9.15 | 3.21 | 9.59 | 3.27 | 9.81 | 3.30 | 10.47 | 3.38 | 10.91 | 3.43 |
| | 35.0 | 8.44 | 3.28 | 8.88 | 3.33 | 9.32 | 3.39 | 9.54 | 3.41 | 10.20 | 3.50 | 10.64 | 3.55 |
| | 40.0 | 8.00 | 3.49 | 8.44 | 3.54 | 8.88 | 3.60 | 9.10 | 3.62 | 9.76 | 3.70 | 10.19 | 3.75 |
| | 43.0 | 7.73 | 3.60 | 8.16 | 3.60 | 8.59 | 3.60 | 8.80 | 3.60 | 9.41 | 3.60 | 9.81 | 3.60 |
| | 46.0 | 7.34 | 3.03 | 7.70 | 3.03 | 8.06 | 3.03 | 8.23 | 3.03 | 8.75 | 3.03 | 9.08 | 3.03 |

3D052452-2A

**SYMBOLS**

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

**NOTES**

Capacities are based on following conditions
Corresponding refrigerant piping length: 7.5 m
Level difference: 0 m

The above is the value for connecting with the following indoor units.
2.0 kW class; FTXS20CAVMB 2.5 kW class; FTXS25CAVMB
3.5 kW class; FTXS35CAVMB 5.0 kW class; FTXS50EV1B
6.0 kW class; FTXS60EV1B 7.1 kW class; FTXS71EV1B