## 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+2.5+2.5+2.5+2.5 | 22.0 | 9.73 | 2.82 | 10.17 | 2.87 | 10.62 | 2.93 | 10.84 | 2.96 | 11.51 | 3.04 | 11.95 | 3.09 |
| | 25.0 | 9.46 | 2.92 | 9.90 | 2.97 | 10.35 | 3.03 | 10.57 | 3.06 | 11.24 | 3.14 | 11.68 | 3.19 |
| | 32.0 | 8.83 | 3.18 | 9.27 | 3.23 | 9.72 | 3.29 | 9.94 | 3.31 | 10.61 | 3.40 | 11.05 | 3.45 |
| | 35.0 | 8.56 | 3.30 | 9.00 | 3.35 | 9.45 | 3.41 | 9.67 | 3.43 | 10.34 | 3.52 | 10.78 | 3.57 |
| | 40.0 | 8.11 | 3.51 | 8.55 | 3.56 | 9.00 | 3.62 | 9.22 | 3.64 | 9.89 | 3.73 | 10.32 | 3.75 |
| | 43.0 | 7.84 | 3.60 | 8.27 | 3.60 | 8.70 | 3.60 | 8.91 | 3.60 | 9.53 | 3.60 | 9.93 | 3.60 |
| | 46.0 | 7.43 | 3.03 | 7.79 | 3.03 | 8.15 | 3.03 | 8.33 | 3.03 | 8.84 | 3.03 | 9.18 | 3.03 |
| 2.0+2.5+2.5+2.5+3.5 | 22.0 | 9.73 | 2.82 | 10.17 | 2.87 | 10.62 | 2.93 | 10.84 | 2.96 | 11.51 | 3.04 | 11.95 | 3.09 |
| | 25.0 | 9.46 | 2.92 | 9.90 | 2.97 | 10.35 | 3.03 | 10.57 | 3.06 | 11.24 | 3.14 | 11.68 | 3.19 |
| | 32.0 | 8.83 | 3.18 | 9.27 | 3.23 | 9.72 | 3.29 | 9.94 | 3.31 | 10.61 | 3.40 | 11.05 | 3.45 |
| | 35.0 | 8.56 | 3.30 | 9.00 | 3.35 | 9.45 | 3.41 | 9.67 | 3.43 | 10.34 | 3.52 | 10.78 | 3.57 |
| | 40.0 | 8.11 | 3.51 | 8.55 | 3.56 | 9.00 | 3.62 | 9.22 | 3.64 | 9.89 | 3.73 | 10.32 | 3.75 |
| | 43.0 | 7.84 | 3.60 | 8.27 | 3.60 | 8.70 | 3.60 | 8.91 | 3.60 | 9.53 | 3.60 | 9.93 | 3.60 |
| | 46.0 | 7.43 | 3.03 | 7.79 | 3.03 | 8.15 | 3.03 | 8.33 | 3.03 | 8.84 | 3.03 | 9.18 | 3.03 |
| 2.0+2.5+2.5+2.5+5.0 | 22.0 | 10.32 | 2.90 | 10.79 | 2.96 | 11.27 | 3.01 | 11.50 | 3.04 | 12.21 | 3.13 | 12.68 | 3.18 |
| | 25.0 | 10.03 | 3.01 | 10.51 | 3.06 | 10.98 | 3.12 | 11.22 | 3.15 | 11.92 | 3.23 | 12.40 | 3.29 |
| | 32.0 | 9.36 | 3.27 | 9.84 | 3.33 | 10.31 | 3.38 | 10.55 | 3.41 | 11.26 | 3.50 | 11.73 | 3.55 |
| | 35.0 | 9.08 | 3.39 | 9.55 | 3.45 | 10.02 | 3.51 | 10.26 | 3.53 | 10.97 | 3.62 | 11.44 | 3.67 |
| | 40.0 | 8.60 | 3.61 | 9.07 | 3.67 | 9.55 | 3.72 | 9.78 | 3.75 | 10.45 | 3.75 | 10.89 | 3.75 |
| | 43.0 | 8.30 | 3.60 | 8.75 | 3.60 | 9.19 | 3.60 | 9.41 | 3.60 | 10.05 | 3.60 | 10.46 | 3.60 |
| | 46.0 | 7.82 | 3.03 | 8.19 | 3.03 | 8.56 | 3.03 | 8.74 | 3.03 | 9.28 | 3.03 | 9.62 | 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+5.0 | 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 |

3D052450-3A

**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; FTXS20D3VMW/L 2.5 kW class; FTXS25D3VMW/L
3.5 kW class; FTXS35D3VMW/L 5.0 kW class; FTXS50EV1B
6.0 kW class; FTXS60EV1B 7.1 kW class; FTXS71EV1B