

Cooling

| Indoor | | | Outdoor temperature [°C DB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|------|------|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|-------|-------|------|-------|-------|------|
| | | | -15 | | | -10 | | | -5 | | | 0 | | | 5 | | | 10 | | | 15 | | | 20 | | | 25 | | | 30 | | | 35 | | | 40 | | |
| | | | TC | SHC | CPI | TC | SHC | CPI | TC | SHC | CPI | TC | SHC | CPI | TC | SHC | CPI | TC | SHC | CPI | TC | SHC | CPI | TC | SHC | CPI | TC | SHC | CPI | TC | SHC | CPI | TC | SHC | CPI | TC | SHC | CPI |
| RH [%] | °CWB | °CDB | kW | kW | - | kW | kW | - | kW | kW | - | kW | kW | - | kW | kW | - | kW | kW | - | kW | kW | - | kW | kW | - | kW | kW | - | kW | kW | - | kW | kW | - | | | |
| 54.5 | 11 | 16 | 6.00 | 5.63 | 0.33 | 6.00 | 5.63 | 0.34 | 6.00 | 5.63 | 0.35 | 6.00 | 5.63 | 0.37 | 6.00 | 5.63 | 0.38 | 6.00 | 5.63 | 0.38 | 6.00 | 5.63 | 0.39 | 6.00 | 5.63 | 0.39 | 8.36 | 7.11 | 1.00 | 7.92 | 6.83 | 1.10 | 7.48 | 6.53 | 1.20 | 7.09 | 6.28 | 1.29 |
| 41.8 | 11 | 18 | 6.00 | 6.00 | 0.33 | 6.00 | 6.00 | 0.34 | 6.00 | 6.00 | 0.35 | 6.00 | 6.00 | 0.37 | 6.00 | 6.00 | 0.38 | 6.00 | 6.00 | 0.38 | 6.00 | 6.00 | 0.39 | 6.00 | 6.00 | 0.39 | 8.36 | 7.98 | 1.00 | 7.92 | 7.72 | 1.10 | 7.48 | 7.43 | 1.20 | 7.09 | 7.15 | 1.29 |
| 57 | 13 | | 7.48 | 6.37 | 0.42 | 7.48 | 6.37 | 0.44 | 7.48 | 6.37 | 0.45 | 7.48 | 6.37 | 0.46 | 7.48 | 6.37 | 0.46 | 7.48 | 6.37 | 0.46 | 7.48 | 6.37 | 0.45 | 7.48 | 6.37 | 0.46 | 9.71 | 7.67 | 1.00 | 9.30 | 7.42 | 1.11 | 8.90 | 7.16 | 1.21 | 8.45 | 6.88 | 1.30 |
| 31.4 | 11 | 20 | 6.00 | 6.00 | 0.33 | 6.00 | 6.00 | 0.34 | 6.00 | 6.00 | 0.35 | 6.00 | 6.00 | 0.37 | 6.00 | 6.00 | 0.38 | 6.00 | 6.00 | 0.38 | 6.00 | 6.00 | 0.39 | 6.00 | 6.00 | 0.39 | 8.36 | 8.36 | 1.00 | 7.92 | 7.92 | 1.10 | 7.48 | 7.48 | 1.20 | 7.09 | 7.09 | 1.29 |
| 44.9 | 13 | | 7.48 | 7.25 | 0.42 | 7.48 | 7.25 | 0.44 | 7.48 | 7.25 | 0.45 | 7.48 | 7.25 | 0.46 | 7.48 | 7.25 | 0.46 | 7.48 | 7.25 | 0.45 | 7.48 | 7.25 | 0.46 | 7.48 | 7.25 | 0.46 | 9.71 | 8.53 | 1.00 | 9.30 | 8.28 | 1.11 | 8.90 | 8.01 | 1.21 | 8.45 | 7.74 | 1.30 |
| 52 | 14 | 8.22 | 7.18 | 0.47 | 8.22 | 7.18 | 0.48 | 8.22 | 7.18 | 0.49 | 8.22 | 7.18 | 0.51 | 8.22 | 7.18 | 0.50 | 8.22 | 7.18 | 0.49 | 8.22 | 7.18 | 0.49 | 8.22 | 7.18 | 0.49 | 10.50 | 8.45 | 1.01 | 10.23 | 8.31 | 1.11 | 9.96 | 8.17 | 1.21 | 9.68 | 7.94 | 1.31 | |
| 22.9 | 11 | 22 | 6.00 | 6.00 | 0.33 | 6.00 | 6.00 | 0.34 | 6.00 | 6.00 | 0.35 | 6.00 | 6.00 | 0.37 | 6.00 | 6.00 | 0.38 | 6.00 | 6.00 | 0.38 | 6.00 | 6.00 | 0.39 | 6.00 | 6.00 | 0.39 | 8.36 | 8.36 | 1.00 | 7.92 | 7.92 | 1.10 | 7.48 | 7.48 | 1.20 | 7.09 | 7.09 | 1.29 |
| 34.8 | 13 | | 7.48 | 7.48 | 0.42 | 7.48 | 7.48 | 0.44 | 7.48 | 7.48 | 0.45 | 7.48 | 7.48 | 0.46 | 7.48 | 7.48 | 0.46 | 7.48 | 7.48 | 0.46 | 7.48 | 7.48 | 0.45 | 7.48 | 7.48 | 0.46 | 9.71 | 9.71 | 1.00 | 9.30 | 9.30 | 1.11 | 8.90 | 8.90 | 1.21 | 8.45 | 8.45 | 1.30 |
| 47.6 | 15 | | 8.96 | 7.82 | 0.52 | 8.96 | 7.82 | 0.53 | 8.96 | 7.82 | 0.54 | 8.96 | 7.82 | 0.55 | 8.96 | 7.82 | 0.54 | 8.96 | 7.82 | 0.54 | 8.96 | 7.82 | 0.52 | 8.96 | 7.82 | 0.52 | 11.28 | 9.19 | 1.01 | 10.89 | 8.96 | 1.11 | 10.51 | 8.72 | 1.22 | 10.12 | 8.48 | 1.32 |
| 54.3 | 16 | | 9.70 | 7.54 | 0.56 | 9.70 | 7.54 | 0.58 | 9.70 | 7.54 | 0.59 | 9.70 | 7.54 | 0.60 | 9.70 | 7.54 | 0.59 | 9.70 | 7.54 | 0.57 | 9.70 | 7.54 | 0.55 | 9.70 | 7.54 | 0.56 | 11.84 | 8.40 | 1.01 | 11.40 | 8.22 | 1.11 | 11.03 | 8.04 | 1.22 | 10.58 | 7.77 | 1.32 |
| 21.2 | 12 | 24 | 6.74 | 6.74 | 0.38 | 6.74 | 6.74 | 0.39 | 6.74 | 6.74 | 0.40 | 6.74 | 6.74 | 0.41 | 6.74 | 6.74 | 0.42 | 6.74 | 6.74 | 0.42 | 6.74 | 6.74 | 0.42 | 6.74 | 6.74 | 0.42 | 9.04 | 9.04 | 1.00 | 8.61 | 8.61 | 1.10 | 8.19 | 8.19 | 1.21 | 7.77 | 7.77 | 1.30 |
| 32.1 | 14 | | 8.22 | 8.22 | 0.47 | 8.22 | 8.22 | 0.48 | 8.22 | 8.22 | 0.49 | 8.22 | 8.22 | 0.51 | 8.22 | 8.22 | 0.50 | 8.22 | 8.22 | 0.49 | 8.22 | 8.22 | 0.49 | 8.22 | 8.22 | 0.49 | 10.50 | 10.50 | 1.01 | 10.23 | 10.23 | 1.11 | 9.96 | 9.96 | 1.21 | 9.68 | 9.68 | 1.31 |
| 43.8 | 16 | | 9.70 | 8.68 | 0.56 | 9.70 | 8.68 | 0.58 | 9.70 | 8.68 | 0.59 | 9.70 | 8.68 | 0.60 | 9.70 | 8.68 | 0.59 | 9.70 | 8.68 | 0.57 | 9.70 | 8.68 | 0.55 | 9.70 | 8.68 | 0.56 | 11.84 | 9.74 | 1.01 | 11.40 | 9.51 | 1.12 | 11.03 | 9.32 | 1.22 | 10.58 | 9.06 | 1.32 |
| 50 | 17 | | 9.98 | 7.86 | 0.58 | 9.98 | 7.86 | 0.59 | 9.98 | 7.86 | 0.60 | 9.98 | 7.86 | 0.61 | 9.98 | 7.86 | 0.60 | 9.98 | 7.86 | 0.60 | 9.98 | 7.86 | 0.60 | 9.98 | 7.86 | 0.60 | 12.39 | 9.45 | 1.02 | 11.86 | 9.16 | 1.12 | 11.33 | 8.86 | 1.22 | 10.80 | 8.52 | 1.33 |
| 21.5 | 14 | 27 | 8.22 | 8.22 | 0.47 | 8.22 | 8.22 | 0.48 | 8.22 | 8.22 | 0.49 | 8.22 | 8.22 | 0.51 | 8.22 | 8.22 | 0.50 | 8.22 | 8.22 | 0.49 | 8.22 | 8.22 | 0.49 | 8.22 | 8.22 | 0.49 | 10.50 | 10.50 | 1.01 | 10.23 | 10.23 | 1.11 | 9.96 | 9.96 | 1.21 | 9.68 | 9.68 | 1.31 |
| 26.3 | 15 | | 8.96 | 8.96 | 0.52 | 8.96 | 8.96 | 0.53 | 8.96 | 8.96 | 0.54 | 8.96 | 8.96 | 0.55 | 8.96 | 8.96 | 0.54 | 8.96 | 8.96 | 0.53 | 8.96 | 8.96 | 0.52 | 8.96 | 8.96 | 0.52 | 11.28 | 11.28 | 1.01 | 10.89 | 10.89 | 1.11 | 10.51 | 10.51 | 1.22 | 10.12 | 10.12 | 1.32 |
| 31.3 | 16 | | 9.70 | 9.70 | 0.56 | 9.70 | 9.70 | 0.58 | 9.70 | 9.70 | 0.59 | 9.70 | 9.70 | 0.60 | 9.70 | 9.70 | 0.59 | 9.70 | 9.70 | 0.57 | 9.70 | 9.70 | 0.55 | 9.70 | 9.70 | 0.56 | 11.84 | 11.84 | 1.01 | 11.40 | 11.40 | 1.12 | 11.03 | 11.03 | 1.22 | 10.58 | 10.58 | 1.32 |

Notes

- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- The capacities are based on the following conditions:
 Outdoor air: 85% RH
 Corresponding refrigerant piping length: 5.0 m
 Level difference: 0m
- For EDP applications, it is recommended to use remote controller setting 16(26)-2-03.
- CPI is a percentage value compared to the rated value which is 1.00.
- The error rate for this value is less than 5% and depends on the indoor unit type.
- The rated power input for each model is mentioned in the table below.

Note 6

| Pair | FCQHG140F | FCQG140F | FVQ140C | FHQ140C | FBQ140D |
|---------|-----------|----------|---------|---------|---------|
| | FCAHG140G | FCAG140A | FVA140A | FHA140A | FBA140A |
| Cooling | 2,15 | 2,45 | 2,49 | 2,30 | 2,49 |

| Twin | FCQHG71F X 2 | FCQG71F X 2 | FHQ71C X 2 | FUQ71C X 2 | FAQ71C X 2 | FBQ71D X 2 |
|---------|--------------|-------------|------------|------------|------------|------------|
| | FCAHG71G X 2 | FCAG71A X 2 | FHA71A X 2 | FUA71A X 2 | FAA71A X 2 | FBA71A X 2 |
| Cooling | 2,14 | 2,35 | 2,94 | 2,34 | 2,64 | 2,83 |

| Triple | FCQG50F X 3 | FHQ50C X 3 | FFQ50C X 3 | FDXS50F9 X 3 | FBQ50D X 3 |
|---------|-------------|------------|------------|--------------|------------|
| | FCAG50A X 3 | FHA50A X 3 | FFA50A X 3 | FDXM50F3 X 3 | FBA50A X 3 |
| Cooling | 2,33 | 2,98 | 2,70 | 2,54 | 2,96 |

| Double twin | FCQG35F X 4 | FHQ35C X 4 | FFQ35C X 4 | FDXS35F X 4 | FBQ35D X 4 |
|-------------|-------------|------------|------------|--------------|------------|
| | FCAG35A X 4 | FHA35A X 4 | FFA35A X 4 | FDXM35F3 X 4 | FBA35A X 4 |
| Cooling | 2,35 | 3,03 | 2,75 | 2,58 | 3,05 |

Symbols

- TC: Maximum total cooling capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input (compressor + indoor and outdoor fan motors)
- RH: Relative humidity [%]