



Cooling

·50· Hz

·230· V

|     |      |
|-----|------|
| AFR | 10,1 |
| BF  | 0,22 |

| Indoor temperature |     | Outdoor temperature [°C DB] |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------|-----|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EWB                | EDB | 20                          |      |      | 25   |      |      | 30   |      |      | 32   |      |      | 35   |      |      | 40   |      |      |
| °C                 | °C  | TC                          | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   |
| 14,0               | 20  | 2,56                        | 2,08 | 0,59 | 2,44 | 2,03 | 0,64 | 2,33 | 1,97 | 0,69 | 2,28 | 1,95 | 0,71 | 2,21 | 1,92 | 0,75 | 2,10 | 1,86 | 0,80 |
| 16,0               | 22  | 2,68                        | 2,05 | 0,59 | 2,56 | 1,99 | 0,64 | 2,44 | 1,94 | 0,70 | 2,40 | 1,92 | 0,72 | 2,33 | 1,89 | 0,76 | 2,21 | 1,84 | 0,81 |
| 18,0               | 25  | 2,79                        | 2,17 | 0,59 | 2,68 | 2,12 | 0,64 | 2,56 | 2,07 | 0,70 | 2,51 | 2,06 | 0,72 | 2,44 | 2,03 | 0,76 | 2,33 | 1,98 | 0,81 |
| 19,0               | 27  | 2,85                        | 2,31 | 0,59 | 2,73 | 2,27 | 0,64 | 2,62 | 2,22 | 0,70 | 2,57 | 2,20 | 0,72 | 2,50 | 2,18 | 0,76 | 2,38 | 2,13 | 0,81 |
| 22,0               | 30  | 3,02                        | 2,24 | 0,60 | 2,91 | 2,20 | 0,65 | 2,79 | 2,16 | 0,71 | 2,74 | 2,14 | 0,73 | 2,67 | 2,12 | 0,77 | 2,56 | 2,08 | 0,81 |
| 24,0               | 32  | 3,14                        | 2,19 | 0,60 | 3,02 | 2,15 | 0,65 | 2,90 | 2,12 | 0,71 | 2,86 | 2,10 | 0,73 | 2,79 | 2,08 | 0,77 | 2,67 | 2,04 | 0,83 |

Heating

·50· Hz

·230· V

|     |      |
|-----|------|
| AFR | 10,3 |
|-----|------|

| Indoor temperature |  | Outdoor temperature [°C WB] |      |      |      |      |      |      |      |      |      |      |      |
|--------------------|--|-----------------------------|------|------|------|------|------|------|------|------|------|------|------|
| EDB                |  | -15                         |      | -10  |      | -5   |      | 0    |      | 6    |      | 10   |      |
| °C                 |  | TC                          | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| 15,0               |  | 1,33                        | 0,45 | 1,61 | 0,48 | 1,87 | 0,50 | 2,15 | 0,65 | 2,89 | 0,68 | 3,15 | 0,71 |
| 20,0               |  | 1,25                        | 0,47 | 1,52 | 0,49 | 1,79 | 0,51 | 2,06 | 0,66 | 2,80 | 0,70 | 3,05 | 0,72 |
| 22,0               |  | 1,22                        | 0,47 | 1,48 | 0,49 | 1,75 | 0,52 | 2,03 | 0,67 | 2,76 | 0,70 | 3,01 | 0,73 |
| 24,0               |  | 1,19                        | 0,48 | 1,46 | 0,50 | 1,73 | 0,52 | 2,00 | 0,68 | 2,73 | 0,71 | 2,98 | 0,73 |
| 25,0               |  | 1,17                        | 0,48 | 1,44 | 0,50 | 1,71 | 0,52 | 1,98 | 0,68 | 2,71 | 0,71 | 2,96 | 0,74 |
| 27,0               |  | 1,14                        | 0,48 | 1,41 | 0,51 | 1,67 | 0,53 | 1,95 | 0,69 | 2,67 | 0,72 | 2,92 | 0,74 |

Symbols

- AFR: Air flow rate [m³/min]
- BF: Bypass factor
- EWB: Entering wet-bulb temperature (°C WB)
- EDB: Entering dry-bulb temperature (°C DB)
- TC: Total capacity [kW]
- SHC: Sensible heat capacity [kW]
- PI: Power input [kW]

Notes

- The ratings shown are net capacities which include a deduction for indoor fan motor heat.
- The bold cells indicate the standard conditions.  
Rated operating frequency [Hz]
- The capacities are based on the following conditions:  
Corresponding refrigerant piping length: ·5· m  
Level difference: ·0·m
- The air flow rate and bypass factor are mentioned in the table.