

Cooling50Hz 220-240V

Temp: Celcius / TC, SHC, PI: kW

|     |      |
|-----|------|
| AFR | 11.2 |
| BF  | 0.15 |

| Indoor      |             | Outdoor temp. (°CDB) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------|-------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| EWB<br>(°C) | EDB<br>(°C) | 20                   |      |      | 25   |      |      | 30   |      |      | 32   |      |      | 35   |      |      | 40   |      |      |
|             |             | TC                   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   | TC   | SHC  | PI   |
| 14.0        | 20.0        | 3.13                 | 2.50 | 0.84 | 3.13 | 2.50 | 0.95 | 3.13 | 2.50 | 1.07 | 3.13 | 2.50 | 1.11 | 3.13 | 2.50 | 1.17 | 3.13 | 2.50 | 1.25 |
| 16.0        | 22.0        | 4.19                 | 2.89 | 0.90 | 4.19 | 2.89 | 0.99 | 4.11 | 2.85 | 1.08 | 4.03 | 2.81 | 1.12 | 3.91 | 2.75 | 1.17 | 3.71 | 2.66 | 1.26 |
| 18.0        | 25.0        | 4.69                 | 3.16 | 0.92 | 4.49 | 3.07 | 1.00 | 4.30 | 2.98 | 1.09 | 4.22 | 2.95 | 1.13 | 4.10 | 2.90 | 1.18 | 3.91 | 2.81 | 1.26 |
| 19.0        | 27.0        | 4.79                 | 3.32 | 0.92 | 4.59 | 3.23 | 1.01 | 4.40 | 3.15 | 1.09 | 4.32 | 3.11 | 1.13 | 4.20 | 3.06 | 1.18 | 4.00 | 2.98 | 1.27 |
| 22.0        | 30.0        | 5.08                 | 3.19 | 0.93 | 4.88 | 3.12 | 1.01 | 4.69 | 3.04 | 1.10 | 4.61 | 3.01 | 1.14 | 4.49 | 2.97 | 1.19 | 4.29 | 2.90 | 1.28 |
| 24.0        | 32.0        | 5.27                 | 3.10 | 0.93 | 5.07 | 3.03 | 1.02 | 4.88 | 2.97 | 1.11 | 4.80 | 2.94 | 1.14 | 4.68 | 2.90 | 1.19 | 4.49 | 2.83 | 1.28 |

Heating50Hz 220-240V

Temp: Celsius / TC, PI: kW

|     |      |
|-----|------|
| AFR | 12.4 |
|-----|------|

| Indoor<br>EDB<br><br>(°C) | Outdoor temp. (°CWB) |      |      |      |      |      |      |      |      |      |      |      |
|---------------------------|----------------------|------|------|------|------|------|------|------|------|------|------|------|
|                           | -15                  |      | -10  |      | -5   |      | 0    |      | 6    |      | 10   |      |
|                           | TC                   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   | TC   | PI   |
| 15.0                      | 2.57                 | 0.84 | 3.09 | 0.89 | 3.61 | 0.93 | 4.85 | 1.22 | 5.59 | 1.28 | 6.07 | 1.32 |
| 20.0                      | 2.41                 | 0.87 | 2.93 | 0.91 | 3.45 | 0.95 | 4.67 | 1.25 | 5.40 | 1.31 | 5.89 | 1.35 |
| 22.0                      | 2.35                 | 0.88 | 2.87 | 0.92 | 3.39 | 0.96 | 4.59 | 1.26 | 5.33 | 1.32 | 5.81 | 1.36 |
| 24.0                      | 2.29                 | 0.89 | 2.80 | 0.93 | 3.32 | 0.97 | 4.52 | 1.27 | 5.25 | 1.33 | 5.74 | 1.38 |
| 25.0                      | 2.25                 | 0.89 | 2.77 | 0.93 | 3.29 | 0.98 | 4.48 | 1.27 | 5.21 | 1.34 | 5.65 | 1.38 |
| 27.0                      | 2.19                 | 0.90 | 2.71 | 0.94 | 3.23 | 0.99 | 4.41 | 1.29 | 5.14 | 1.35 | 5.23 | 1.35 |

3D080615

| SYMBOLS |                              |
|---------|------------------------------|
| AFR:    | Air flow rate (m³/min)       |
| BF:     | Bypass factor                |
| EWB:    | Entering wet bulb temp. (°C) |
| EDB:    | Entering dry bulb temp. (°C) |
| TC:     | Total capacity (kW)          |
| SHC:    | Sensible heat capacity (kW)  |
| PI:     | Power input (kW)             |

| NOTES |                                                                                                                                                           |
|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Ratings shown are net capacities which include a deduction for indoor fan motor heat.                                                                     |
| 2.    | <div></div> shows nominal (rated) capacities and power input.                                                                                             |
| 3.    | TC, PI and SHC must be calculated by interpolation using the figures in the above tables. (Figures out of the tables should not be used for calculation.) |
| 4.    | About SHC which are not mentioned on the table, please calculate them with around values in direct proportion.                                            |
| 5.    | Capacities are based on the following conditions:<br>Corresponding refrigerant piping length: 5m<br>Level difference: 0m                                  |
| 6.    | Air flow rate (AFR) and Bypass factor (BF) are tabulated above table.                                                                                     |