

## CKC System - Technical Information

| SYSTEM                 | ABOVE GROUND             |        | BELOW GROUND             |        |
|------------------------|--------------------------|--------|--------------------------|--------|
|                        | CELLAR IN m <sup>3</sup> |        | CELLAR IN m <sup>3</sup> |        |
|                        | 8°C                      | 12.7°C | 8°C                      | 12.7°C |
| CXE 30 + CKC / DCU+ 20 | 22                       | 31     | 36                       | 52     |
| CXE 40 + CKC / DCU+ 30 | 30                       | 44     | 51                       | 72     |
| CXE 50 + CKC / DCU+ 50 | 49                       | 71     | 80                       | 114    |
| CXE 70 + CKC / DCU+ 80 | 75                       | 108    | 118                      | 169    |
| CXE 90 + CKC 90        | 93                       | 133    | 144                      | 206    |

### Guide to Cooling Duty at 8°C and 12.7°C

| AMBIENT                | CELLAR 8°C |         |      | CELLAR 12.7°C |         |      |
|------------------------|------------|---------|------|---------------|---------|------|
|                        | 27°C       |         |      |               |         |      |
|                        | TD (kW)    | SD (kW) | SHR  | TD (kW)       | SD (kW) | SHR  |
| CXE 30 + CKC / DCU+ 20 | 2.45       | 1.60    | 0.67 | 2.80          | 1.88    | 0.65 |
| CXE 40 + CKC / DCU+ 30 | 3.00       | 1.95    | 0.63 | 3.60          | 2.27    | 0.65 |
| CXE 50 + CKC / DCU+ 50 | 4.40       | 2.78    | 0.62 | 5.20          | 3.23    | 0.63 |
| CXE 70 + CKC / DCU+ 80 | 6.10       | 3.9     | 0.60 | 7.20          | 4.35    | 0.64 |
| CXE 90 + CKC 90        | 7.30       | 4.55    | 0.59 | 8.50          | 5.04    | 0.62 |

### Guide to CXE Low Temperature at 4°C and 27°C Ambient

| AMBIENT                | CELLAR 4°C |         |      |
|------------------------|------------|---------|------|
|                        | 27°C       |         |      |
|                        | TD (kW)    | SD (kW) | SHR  |
| CXE 40 + CKC / DCU+ 20 | 2.10       | 1.60    | 0.76 |
| CXE 50 + CKC / DCU+ 40 | 3.30       | 2.46    | 0.75 |
| CXE 70 + CKC / DCU+ 60 | 5.00       | 3.53    | 0.71 |
| CXE 90 + CKC / DCU+ 80 | 5.90       | 4.00    | 0.68 |

\* For interconnecting pipe sizes please refer to the technical manual

## Sound Pressure Levels

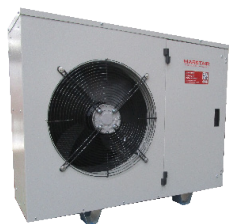
### Indoor Unit

| MODEL  | SOUND PRESSURE LEVELS dB(A) |
|--------|-----------------------------|
| CXE 30 | 39.0                        |
| CXE 40 | 39.0                        |
| CXE 50 | 40.5                        |
| CXE 70 | 39.9                        |
| CXE 90 | 39.9                        |

### Outdoor Unit

| MODEL  | SOUND PRESSURE LEVELS dB(A) |
|--------|-----------------------------|
| CKC 20 | 39.2                        |
| CKC 30 | 39.3                        |
| CKC 50 | 38.9                        |
| CKC 60 | 39.3                        |
| CKC 80 | 38.7                        |
| CKC 90 | 42.2                        |

Sound Pressure Levels in dB(A) at 10m distance in free field conditions. (Reference 2x10<sup>-5</sup> N/m<sup>2</sup>)



### CKC Outdoor Condensing Unit

- CKC20 - 620mm x 900mm x 310mm - 46kg
- CKC30 - 620mm x 900mm x 310mm - 48kg
- CKC40 - 620mm x 900mm x 310mm - 53kg
- CKC50 - 720mm x 1000mm x 310mm - 64kg
- CKC60 - 720mm x 1000mm x 310mm - 65kg
- CKC80 - 720mm x 1000mm x 310mm - 66kg
- CKC90 - 720mm x 1000mm x 310mm - 66kg

#### STANDARD FEATURES

Fan Speed Head Pressure Control, HP Switch Auto, LP Switch Auto, Low Ambient Start, Three Minute Delay Timer, Random Start, Contactor



### DCU+ Outdoor Condensing Unit

- DCU+ 20 - 495mm x 1004mm x 490mm - 70kg
- DCU+ 30 - 495mm x 1004mm x 490mm - 70kg
- DCU+ 40 - 495mm x 1004mm x 490mm - 72kg
- DCU+ 50 - 560mm x 1174mm x 490mm - 81kg
- DCU+ 60 - 560mm x 1174mm x 490mm - 81kg
- DCU+ 80 - 560mm x 1174mm x 490mm - 84kg

#### STANDARD FEATURES

Fan Speed Head Pressure Control, HP Switch Auto, LP Switch Auto, Low Ambient Start, Three Minute Delay Timer, Random Start, Contactor

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