

# EWAD TZ-B

## Inverter Screw Chiller

High efficiency  
chiller for comfort  
and process  
cooling



AHUs

CHILLERS

PROJECTS

SERVICE

# Why choose Daikin Applied

Daikin Applied were among the first to pioneer the use of inverters in air cooled screw chillers. Today, our next generation of inverter technology makes both comfort and process cooling even more efficient and cost-effective.

- › Optimum efficiency (at both partial and full loads).
- › Lower noise level (down to just 90 dB(A)).
- › Higher energy efficiency than ever before.
- › Reduced running costs without compromising on climate comfort or performance.
- › Integrated inverter featuring Variable Volume Ratio (VVR) technology and Direct Current (DC) motors.
- › Premium features such as Micro-Channel condenser coils and precision electronic expansion valves.



## EWAD TZ-B

High performance energy efficient  
comfort cooling

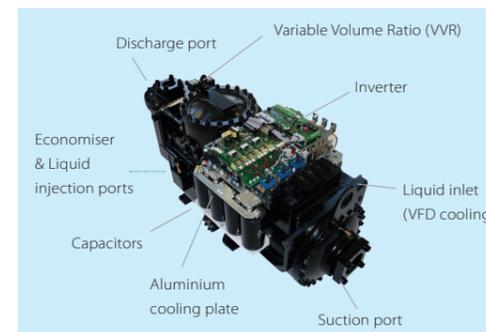
# Why choose EWAD TZ-B chiller series

## 1 Top class efficiency:

EER up to 3.6  
ESEER up to 5.5

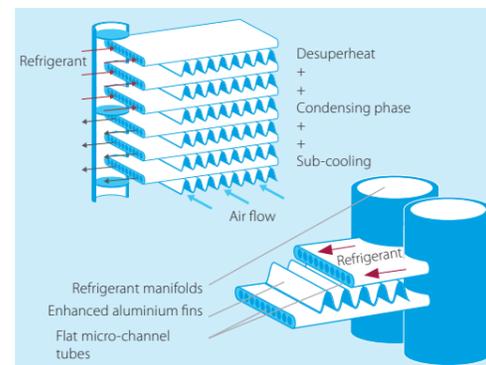
## Best choice for every application

Rapid payback: 1 year for process cooling and 3 years for comfort cooling applications.



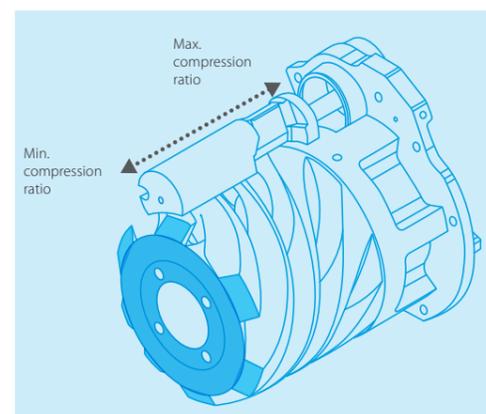
### ✓ New generation of Daikin Applied inverter screw compressors

- › Integrated inverter, refrigerant cooled
- › Variable volume ratio technology



### ✓ Micro-channel condenser coils

- › High thermal efficiency
- › Small volume, resulting in a small refrigerant charge
- › Light & durable design
- › Easy to clean



### ✓ VVR (Variable Volume Ratio)

The operating conditions of a chiller are subjected to sensible changes due to the variation of ambient temperature and load request from the plant.

Screw compressors increase the pressure of the refrigerant by forcing it into a progressive smaller volume, from the suction to the discharge port. Once the geometry of the compressor is defined the volume ratio is also defined.

Daikin Applied compressors can modify their own geometry thanks to variable volume ratio (VVR). The volume ratio will change by moving the sliding valves. VVR changes the point at which the gas leaves the compressor, and therefore changes the pressures at discharge which will be optimised for any condition.

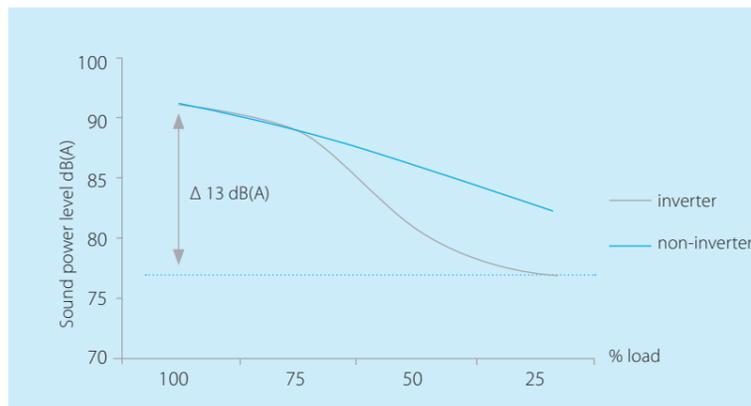


# Providing a lifetime of comfort in the most flexible way

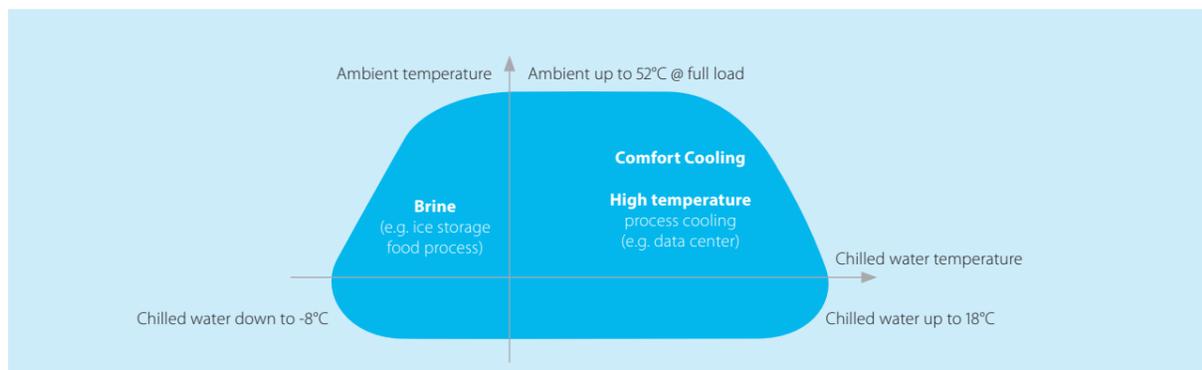
## 2 Silent operation – for distraction-free work

Nothing disrupts the workplace more than the sound of machinery. So our engineers have brought the sound power levels right down to just 90 dB(A)\* at full load operating conditions - and even lower at part load conditions. Thanks to the special acoustic solutions on the compressor and a custom Daikin fan design with reduced noise impact and vibration, the EWAD TZ-B is ideal for even the most sound-sensitive environments.

\*400 kW size



## 3 Application flexibility



## 4 Compact design

The EWAD TZ-B keeps installation space at a minimum, so it's ideal for both new and retrofit projects. In particular, the highly efficient compressor with its integrated inverter allows us to mount more compact heat exchangers in the frame and, combined with the integrated compact control panel, deliver more power from a reduced footprint.

## 5 Simple to install. Even simpler to maintain

Our chillers are wired at the factory and are also pre-commissioned, with the unit's software tuned and set points already established. They also integrate easily with existing building management systems. So, on site, all that is required is to plug the unit into the power supply, connect any pipes and wires, and switch the unit on.

## 6 Proven reliability

All our chillers and compressors are subjected to intensive performance, acoustic, endurance and vibration tests in our Daikin Applied factories and at selected job-sites, even at extreme working conditions. To ensure maximum reliability in every component – and the right, lifelong technical solution for your application.

## 7 Extensive options list

- › **Rapid restart** - loss of cooling can be catastrophic, the chiller can restart within 30 seconds of the power being restored and reach full-load cooling capacity in less than 6 minutes
- › **VFD pumps** - variable frequency pumps can be used to optimise the working efficiency of the chiller and thus maximise energy savings, also in primary only variable flow systems
- › **Refrigerant leak detection** - rapid advanced warning of trouble, so you can avoid any environmentally harmful and potentially costly leaks in the refrigerant system. **BREEAM Compliant**
- › **Heat recovery** - a plate to plate heat exchanger for each refrigerant circuit is installed in series to the condenser coil. 15 to 85 % of the total heat rejection of the chiller can be recovered
- › **Partial heat recovery** - a plate to plate heat exchanger for each refrigerant circuit is installed in series to the air condenser coil. The plant manager controls the operation of the pump on the recovery circuit. 15 to 20 % of the total heat rejection of the chiller can be recovered
- › **Smart sequencing capability** - master/slave sequencing function up to 4 units connected together for system optimisation and without the need of external control systems

| Cooling only         |                         |   |           | EWAD-TZSRB           |                     |         |       |        |       |       |       |        |       |       |       |        |       |                          |         |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|----------------------|-------------------------|---|-----------|----------------------|---------------------|---------|-------|--------|-------|-------|-------|--------|-------|-------|-------|--------|-------|--------------------------|---------|--------|-------|----|--|--------|------|----|--|--------|------|----|--|--------|------|----|--|--------|------|----|--|--------|------|--|--|--------|------|--|--|--------|------|--|--|------|----|--|--|------|--|--|--|------|--|--|--|------|--|--|--|------|--|--|--|----|--|--|--|------|--|--|--|------|
| Cooling capacity     | Nom.                    |   |           | 160                  | 190                 | 240     | 270   | 300    | 360   | 380   | 450   | 495    | 570   | 610   | 660   | 700    | 820   | 900                      | 990     | C10    | C11   |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Power input          | Cooling                 | Nom.                                    | kW        | 169                  | 201                 | 235     | 269   | 306    | 351   | 394   | 455   | 499    | 569   | 610   | 659   | 700    | 800   | 895                      | 956     | 1,013  | 1,067 |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| EER                  |                         |   |           | 2.99                 | 2.87                | 2.83    | 2.99  | 2.82   | 2.95  | 2.81  | 2.76  | 2.85   | 2.86  | 2.80  | 2.74  | 2.80   | 3.229 | 3.043                    | 3.016   | 3.018  | 2.973 |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| ESEER                |                         |   |           | 4.37                 | 4.46                | 4.30    | 4.40  | 4.42   | 4.50  | 4.44  | 4.43  | 4.47   | 4.53  | 4.61  | 4.60  | 4.68   | 4.8   | 4.85                     | 4.83    | 4.83   | 4.98  |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Dimensions           | Unit                    | Height                                  | mm        | 2,483                |                     |         |       |        |       |       |       |        |       |       |       | 2,482  |       |                          |         |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      |                         |   | mm        | 2,258                |                     |         |       |        |       |       |       |        |       |       |       |        |       |                          |         |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      |                         |   | mm        | 2,283                |                     |         |       | 3,183  |       |       |       | 4,083  |       |       |       | 4,983  |       |                          |         | 5,883  |       |    |  | 6,783  |      |    |  | 7,783  |      |    |  | 8,820  |      |    |  | 9,591  |      |    |  | 10,461 |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Weight               | Unit                    | Operation weight                        | kg        | 2,166                | 2,191               | 2,249   | 2,475 | 2,522  | 2,871 | 4,244 | 4,260 | 4,517  | 4,803 | 4,980 | 5,004 | 5,274  | 6,964 | 6,862                    | 7,217   | 7,495  | 7,820 |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      |                         |   | kg        | 2,186                | 2,217               | 2,287   | 2,501 | 2,560  | 2,921 | 4,402 | 4,424 | 4,675  | 4,961 | 5,250 | 5,259 | 5,529  | 7,247 | 7,347                    | 7,702   | 7,980  | 8,273 |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Water heat exchanger | Type                    | Plate heat exchanger                    |           |                      |                     |         |       |        |       |       |       |        |       |       |       |        |       | Single pass shell & tube |         |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      |                         | Water flow rate                         | Cooling   | Nom.                 | l/s                 |         |       |        | 16.8  |       |       |        | 21.7  |       |       |        | 23.9  |                          |         |        | 27.2  |    |  |        | 29.2 |    |  |        | 31.5 |    |  |        | 33.5 |    |  |        | 38.3 |    |  |        | 42.8 |  |  |        | 45.7 |  |  |        | 48.5 |  |  |      | 51 |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      |                         |   |           |                      | Water pressure drop | Cooling | Nom.  | kPa    |       |       |       | 25.0   |       |       |       | 19.3   |       |                          |         | 15.4   |       |    |  | 32.6   |      |    |  | 25.2   |      |    |  | 25.9   |      |    |  | 25.8   |      |    |  | 32.2   |      |  |  | 43.9   |      |  |  | 55.5   |      |  |  | 38.6 |    |  |  | 32.2 |  |  |  | 35.9 |  |  |  | 52.1 |  |  |  | 36.3 |  |  |  | 41 |  |  |  | 45.6 |  |  |  | 36.3 |
|                      |                         | Water volume                            |           |                      |                     |         |       | l      |       |       |       | 20     |       |       |       | 26     |       |                          |         | 37     |       |    |  | 26     |      |    |  | 37     |      |    |  | 50     |      |    |  | 158    |      |    |  | 164    |      |  |  | 270    |      |  |  | 255    |      |  |  | 283  |    |  |  | 485  |  |  |  | 453  |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Air heat exchanger   | Type                    | Microchannel                            |           |                      |                     |         |       |        |       |       |       |        |       |       |       |        |       |                          |         |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Compressor           | Type                    | Inverter driven single screw compressor |           |                      |                     |         |       |        |       |       |       |        |       |       |       |        |       |                          |         |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      | Quantity                | 1                                       |           |                      |                     |         |       |        |       | 2     |       |        |       |       |       |        |       |                          |         |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Fan                  | Type                    | Direct propeller                        |           |                      |                     |         |       |        |       |       |       |        |       |       |       |        |       |                          |         |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      | Quantity                | 4                                       |           |                      |                     | 6       |       |        |       | 8     |       |        |       | 10    |       |        |       | 12                       |         |        |       | 14 |  |        |      | 16 |  |        |      | 18 |  |        |      | 20 |  |        |      | 22 |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      | Air flow rate           | Cooling                                 | Nom.      | l/s                  |                     |         |       | 15,109 |       |       |       | 22,664 |       |       |       | 30,219 |       |                          |         | 29,650 |       |    |  | 36,920 |      |    |  | 44,475 |      |    |  | 51,745 |      |    |  | 59,299 |      |    |  | 66,570 |      |  |  | 74,124 |      |  |  | 81,394 |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Sound power level    | Cooling                 | Nom.                                    | dB(A)     | 86                   |                     |         |       | 87     |       |       |       | 88     |       |       |       | 90     |       |                          |         | 91     |       |    |  | 92     |      |    |  | 94     |      |    |  | 95     |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      |                         |   |           | Sound pressure level | Cooling             | Nom.    | dB(A) | 67     |       |       |       | 68     |       |       |       | 69     |       |                          |         | 70     |       |    |  | 70     |      |    |  | 71     |      |    |  | 73     |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Operation range      | Air side                | Cooling                                 | Min.-Max. | °CDB                 |                     |         |       |        |       |       |       |        |       |       |       |        |       |                          |         | -18-47 |       |    |  |        |      |    |  |        |      |    |  | -18-45 |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      | Water side              | Cooling                                 | Min.-Max. | °CDB                 |                     |         |       |        |       |       |       |        |       |       |       |        |       |                          |         | -8-18  |       |    |  |        |      |    |  |        |      |    |  | -15-20 |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Refrigerant          | Type/GWP                | R-134a/1,430                            |           |                      |                     |         |       |        |       |       |       |        |       |       |       |        |       |                          |         |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      | Circuits                | Quantity                                | 1         |                      |                     |         |       |        |       |       | 2     |        |       |       |       |        |       |                          |         |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Refrigerant charge   | Per circuit             | kg                                      | 27        | 29                   | 33                  | 38      | 41    | 52     | 29    | 29.5  | 34    | 37.5   | 38.5  | 41.5  | 45    | 52     | 58.5  | 65                       | 71.5    |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
|                      |                         | TCO <sub>2eq</sub>                      | 39        | 41                   | 47                  | 54      | 59    | 74     | 41    | 42    | 49    | 54     | 55    | 59    | 64    | 74.36  | 83.65 | 92.95                    | 102.245 |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |
| Power supply         | Phase/Frequency/Voltage | Hz/V                                    | 3~/50/400 |                      |                     |         |       |        |       |       |       |        |       |       |       |        |       |                          |         |        |       |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |        |      |  |  |      |    |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |    |  |  |  |      |  |  |  |      |

| Cooling only         |                                    |   |           | EWAD-TZXR            |                     |         |         |        |       |       |         |        |       |       |         |        |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|----------------------|------------------------------------|---|-----------|----------------------|---------------------|---------|---------|--------|-------|-------|---------|--------|-------|-------|---------|--------|-------|--------------------------|--------|--------|-------|----|------|--------|------|----|--|--------|------|----|--|--------|------|----|--|--------|------|--|--|--------|------|--|--|------|------|--|--|------|------|--|--|------|------|--|--|------|------|--|--|------|--|--|--|------|--|--|--|------|--|--|--|------|--|--|--|------|--|--|--|------|
| Cooling capacity     | Nom.                               |   |           | 180                  | 220                 | 240     | 270     | 320    | 360   | 420   | 450     | 540    | 570   | 610   | 660     | 680    | 770   | 850                      | 910    | C10    | C11   |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Power input          | Cooling                            | Nom.                                    | kW        | 52.1                 | 63.2                | 72.5    | 83.9    | 100    | 109   | 132   | 145     | 164    | 181   | 192   | 203     | 220    | 226.5 | 266.8                    | 275.4  | 303.1  | 320.6 |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| EER                  |                                    |   |           | 3.46                 | 3.34                | 3.30    | 3.13    | 3.29   | 3.16  | 3.24  | 3.22    | 3.09   | 3.11  | 3.15  | 3.07    | 3.373  | 3.186 | 3.311                    | 3.302  | 3.26   |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| ESEER                |                                    |   |           | 5.11                 | 5.06                | 4.99    | 5.09    | 5.13   | 5.12  | 5.09  | 4.99    | 5.04   | 5.05  | 5.13  | 5.07    | 5.09   | 5.13  | 5.13                     | 5.15   | 5.22   |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Dimensions           | Unit                               | Height                                  | mm        | 2,483                |                     |         |         |        |       |       |         |        |       |       |         | 2,482  |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      |                                    |   | mm        | 2,258                |                     |         |         |        |       |       |         |        |       |       |         |        |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      |                                    |   | mm        | 3,183                |                     |         |         | 4,083  |       |       |         | 4,983  |       |       |         | 5,883  |       |                          |        | 6,783  |       |    |      | 7,683  |      |    |  | 8,820  |      |    |  | 9,591  |      |    |  | 10,461 |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Weight               | Unit                               | Operation weight                        | kg        | 2,462                | 2,509               | 2,521   | 2,870   | 4,492  | 4,802 | 5,000 | 5,272   | 5,625  | 6,946 | 6,862 | 7,217   | 7,495  | 7,820 |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      |                                    |   | kg        | 2,488                | 2,547               | 2,559   | 2,920   | 4,650  | 4,960 | 5,255 | 5,527   | 5,880  | 7,247 | 7,347 | 7,702   | 7,980  | 8,273 |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Water heat exchanger | Type                               | Plate heat exchanger                    |           |                      |                     |         |         |        |       |       |         |        |       |       |         |        |       | Single pass shell & tube |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      |                                    | Water flow rate                         | Cooling   | Nom.                 | l/s                 |         |         |        | 17.2  |       |         |        | 20.0  |       |         |        | 22.6  |                          |        |        | 25.3  |    |      |        | 26.9 |    |  |        | 28.6 |    |  |        | 30.5 |    |  |        | 32.4 |  |  |        | 36.6 |  |  |      | 40.7 |  |  |      | 43.6 |  |  |      | 47.9 |  |  |      | 50.0 |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      |                                    |   |           |                      | Water pressure drop | Cooling | Nom.    | kPa    |       |       |         | 16.4   |       |       |         | 13.2   |       |                          |        | 16.2   |       |    |      | 17.1   |      |    |  | 21.0   |      |    |  | 34.2   |      |    |  | 31.2   |      |  |  | 39.7   |      |  |  | 36.6 |      |  |  | 41.0 |      |  |  | 27.1 |      |  |  | 30.4 |      |  |  | 33.2 |  |  |  | 40.3 |  |  |  | 33.3 |  |  |  | 37.3 |  |  |  | 42.3 |  |  |  | 34.2 |
|                      |                                    | Water volume                            |           |                      |                     |         |         | l      |       |       |         | 26     |       |       |         | 37     |       |                          |        | 50     |       |    |      | 158    |      |    |  | 255    |      |    |  | 301    |      |    |  | 485    |      |  |  | 453    |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Air heat exchanger   | Type                               | Microchannel                            |           |                      |                     |         |         |        |       |       |         |        |       |       |         |        |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Compressor           | Type                               | Inverter driven single screw compressor |           |                      |                     |         |         |        |       |       |         |        |       |       |         |        |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      | Quantity                           | 1                                       |           |                      |                     |         |         |        |       | 2     |         |        |       |       |         |        |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Fan                  | Type                               | Direct propeller                        |           |                      |                     |         |         |        |       |       |         |        |       |       |         |        |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      | Quantity                           | 6                                       |           |                      |                     | 8       |         |        |       | 10    |         |        |       | 12    |         |        |       | 14                       |        |        |       | 16 |      |        |      | 18 |  |        |      | 20 |  |        |      | 22 |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      | Air flow rate                      | Nom.                                    | l/s       | 22,664               |                     |         |         | 30,219 |       |       |         | 36,920 |       |       |         | 37,774 |       |                          |        | 44,475 |       |    |      | 51,745 |      |    |  | 59,299 |      |    |  | 66,570 |      |    |  | 74,124 |      |  |  | 81,394 |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Sound power level    | Cooling                            | Nom.                                    | dB(A)     | 88                   |                     |         |         | 89     |       |       |         | 90     |       |       |         | 91     |       |                          |        | 92     |       |    |      | 94     |      |    |  | 94     |      |    |  | 95     |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      |                                    |   |           | Sound pressure level | Cooling             | Nom.    | dB(A)   | 68     |       |       |         | 69     |       |       |         | 70     |       |                          |        | 71     |       |    |      | 73     |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Operation range      | Air side                           | Cooling                                 | Min.-Max. | °CDB                 |                     |         |         |        |       |       |         |        |       |       |         |        |       |                          |        | -18-50 |       |    |      |        |      |    |  |        |      |    |  | -15-20 |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      | Water side                         | Cooling                                 | Min.-Max. | °CDB                 |                     |         |         |        |       |       |         |        |       |       |         |        |       |                          |        | -8-18  |       |    |      |        |      |    |  |        |      |    |  | -15-20 |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Refrigerant          | Type / GWP                         | R-134a/1,430                            |           |                      |                     |         |         |        |       |       |         |        |       |       |         |        |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      | Circuits                           | Quantity                                | 1         |                      |                     |         |         |        |       |       | 2       |        |       |       |         |        |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Refrigerant charge   | Per circuit                        | kg                                      | 36        | 39                   | 40                  | 51      | 32      | 37     | 40.0  | 44.5  | 48      | 52.00  | 58.5  | 65    | 71.5    |        |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
|                      |                                    | TCO <sub>2eq</sub>                      | 51        | 56                   | 57                  | 73      | 46      | 53     | 57    | 64    | 69      | 74.36  | 83.65 | 92.95 | 102.245 |        |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Piping connections   | Evaporator water inlet/outlet (OD) | mm                                      | 88.9mm    |                      |                     |         | 114.3mm |        |       |       | 139.7mm |        |       |       | 168.3mm |        |       |                          | 6inch" |        |       |    | 8mm" |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |
| Power supply         | Phase/Frequency/Voltage            | Hz/V                                    | 3~/50/400 |                      |                     |         |         |        |       |       |         |        |       |       |         |        |       |                          |        |        |       |    |      |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |  |  |  |      |

| Cooling only         |                         |   |           | EWAD-TZPRB           |                     |         |       |        |       |        |       |        |         |        |       |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|----------------------|-------------------------|---|-----------|----------------------|---------------------|---------|-------|--------|-------|--------|-------|--------|---------|--------|-------|--------|------|--------------------------|--|--------|------|----|--|--------|------|----|--|--------|------|----|--|--------|------|----|--|--------|------|--|--|--------|----|--|--|------|------|--|--|------|------|--|--|------|------|--|--|------|------|--|--|------|
| Cooling capacity     | Nom.                    |   |           | 190                  | 220                 | 240     | 290   | 300    | 350   | 420    | 495   | 550    | 620     | 720    | 820   | 950    |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Power input          | Cooling                 | Nom.                                    | kW        | 50.5                 | 60.7                | 68.7    | 83.4  | 95.9   | 105   | 125    | 139   | 151.3  | 178.5   | 182.2  | 220.2 | 252.4  |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| EER                  |                         |   |           | 3.71                 | 3.59                | 3.35    | 3.31  | 3.64   | 3.49  | 3.62   | 3.59  | 3.473  | 3.935   | 3.783  | 3.764 |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| ESEER                |                         |   |           | 5.55                 | 5.52                | 5.27    | 5.16  | 5.20   | 5.32  | 5.21   | 5.38  | 5.5    | 5.42    | 5.59   | 5.54  | 5.55   |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Dimensions           | Unit                    | Height                                  | mm        | 2,483                |                     |         |       |        |       |        |       |        |         |        |       | 2,482  |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|                      |                         |   | mm        | 2,258                |                     |         |       |        |       |        |       |        |         |        |       |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|                      |                         |   | mm        | 4,083                |                     |         |       | 4,983  |       |        |       | 5,883  |         |        |       | 6,783  |      |                          |  | 8,820  |      |    |  | 9,591  |      |    |  | 10,461 |      |    |  | 11,233 |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Weight               | Unit                    | Operation weight                        | kg        | 2,858                | 2,869               | 2,870   | 3,120 | 4,935  | 5,269 | 5,277  | 6,620 | 6,648  | 7,735   | 8,028  | 8,357 |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|                      |                         |   | kg        | 2,908                | 2,919               | 2,920   | 3,170 | 5,190  | 5,524 | 5,532  | 6,927 | 6,955  | 8,220   | 8,513  | 8,810 |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Water heat exchanger | Type                    | Plate heat exchanger                    |           |                      |                     |         |       |        |       |        |       |        |         |        |       |        |      | Single pass shell & tube |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|                      |                         | Water flow rate                         | Cooling   | Nom.                 | l/s                 |         |       |        | 9.0   |        |       |        | 10.4    |        |       |        | 11.8 |                          |  |        | 13.3 |    |  |        | 15.2 |    |  |        | 18.3 |    |  |        | 20.9 |    |  |        | 24.2 |  |  |        | 26 |  |  |      | 29.6 |  |  |      | 34.3 |  |  |      | 39.8 |  |  |      | 45.4 |  |  |      |
|                      |                         |   |           |                      | Water pressure drop | Cooling | Nom.  | kPa    |       |        |       | 10.6   |         |        |       | 11.0   |      |                          |  | 13.4   |      |    |  | 17.1   |      |    |  | 21.5   |      |    |  | 20.4   |      |    |  | 26.4   |      |  |  | 33.2   |    |  |  | 19.8 |      |  |  | 24.9 |      |  |  | 24.2 |      |  |  | 31.7 |      |  |  | 28.9 |
|                      |                         | Water volume                            |           |                      |                     |         |       | l      |       |        |       | 50     |         |        |       | 255    |      |                          |  | 307    |      |    |  | 485    |      |    |  | 453    |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Air heat exchanger   | Type                    | Microchannel                            |           |                      |                     |         |       |        |       |        |       |        |         |        |       |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Compressor           | Type                    | Inverter driven single screw compressor |           |                      |                     |         |       |        |       |        |       |        |         |        |       |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|                      | Quantity                | 1                                       |           |                      |                     |         |       |        |       | 2      |       |        |         |        |       |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Fan                  | Type                    | Direct propeller                        |           |                      |                     |         |       |        |       |        |       |        |         |        |       |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|                      | Quantity                | 8                                       |           |                      |                     | 10      |       |        |       | 12     |       |        |         | 14     |       |        |      | 16                       |  |        |      | 18 |  |        |      | 20 |  |        |      | 22 |  |        |      | 24 |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|                      | Air flow rate           | Cooling                                 | Nom.      | l/s                  |                     |         |       | 29,610 |       |        |       | 37,013 |         |        |       | 43,369 |      |                          |  | 50,423 |      |    |  | 57,826 |      |    |  | 64,879 |      |    |  | 72,282 |      |    |  | 79,336 |      |  |  | 86,738 |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Sound power level    | Cooling                 | Nom.                                    | dB(A)     | 87                   |                     |         |       | 88     |       |        |       | 87     |         |        |       | 88     |      |                          |  | 89     |      |    |  | 90     |      |    |  | 94     |      |    |  | 95     |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|                      |                         |   |           | Sound pressure level | Cooling             | Nom.    | dB(A) | 67     |       |        |       | 68     |         |        |       | 67     |      |                          |  | 68     |      |    |  | 69     |      |    |  | 73     |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Operation range      | Air side                | Cooling                                 | Min.-Max. | °CDB                 |                     |         |       |        |       |        |       |        |         |        |       |        |      |                          |  | -18-52 |      |    |  |        |      |    |  |        |      |    |  | -18-55 |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|                      | Water side              | Cooling                                 | Min.-Max. | °CDB                 |                     |         |       |        |       |        |       |        |         |        |       |        |      |                          |  | -8-18  |      |    |  |        |      |    |  |        |      |    |  | -15-20 |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Refrigerant          | Type                    | R-134a                                  |           |                      |                     |         |       |        |       |        |       |        |         |        |       |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|                      | Circuits                | Quantity                                | 1         |                      |                     |         |       |        |       |        | 2     |        |         |        |       |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Refrigerant charge   | Per circuit             | kg                                      | 49        | 50                   | 51                  | 58      | 38.5  | 43     | 47    | 52.5   | 57    | 65     | 71.5    | 78     |       |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
|                      |                         | TCO <sub>2eq</sub>                      | 70        | 72                   | 73                  | 83      | 55    | 61     | 67    | 75.075 | 81.51 | 92.95  | 102.245 | 111.54 |       |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |
| Power supply         | Phase/Frequency/Voltage | Hz/V                                    | 3~/50/400 |                      |                     |         |       |        |       |        |       |        |         |        |       |        |      |                          |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |    |  |        |      |  |  |        |    |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |      |  |  |      |

# Why choose Service & Maintenance

Daikin Applied Service offers full after-sales support for the maintenance and repair of ALL brands of HVAC systems including, chillers, Air Handling Units, split Air Conditioning, VRF and heat pumps,

## Service capabilities

- › Flexible maintenance contracts
- › 24/7 Emergency call out service
- › 4 hour response time
- › Site dedicated service engineers
- › F-Gas Register
- › Daikin on Site remote monitoring
- › On site training for 'front line' service requirements
- › Agreed service level requirements
- › Full chiller running logs taken on every service visit
- › Full spares availability & management
- › Retrofitting & refurbishments

## Benefits

- › ALL manufacturers HVAC equipment maintained
- › Lower energy use for maintained systems
- › Reduce breakdown costs and business impact
- › Tailor made packages to suit your business needs
- › Extends the useful life-cycle of assets decreasing the need for capital replacements
- › Equipment downtime is decreased and the number of major repairs are reduced

## Service Packages



| Service Feature  | Business Saver | Business Standard | Business Plus |
|--|----------------|-------------------|---------------|
| Conforms to SFG20 maintenance standard                             | ✓              | ✓                 | ✓             |
| F-Gas leak test  | ✓              | ✓                 | ✓             |
| Unit controller set points, safeties and running conditions logged | ✓              | ✓                 | ✓             |
| Equipment condition report   | ✓              | ✓                 | ✓             |
| Four visits per annum (1 major / 3 minor)                          |                | ✓                 |               |
| Calibration of all sensors, probes and safety switches             |                | ✓                 | ✓             |
| System Diagnostics   |                | ✓                 | ✓             |
| Oil Analysis   |                | ●                 | ✓             |
| Thermography   | ✓              | ●                 | ●             |
| Multi-site visits & bespoke offering                               |                |                   | ●             |
| Daikin on Site remote monitoring                                   |                |                   | ●             |
| 1 point vibration analysis   |                |                   | ●             |
| System water analysis  |                |                   | ●             |
| Condenser coil cleaning  |                |                   | ●             |

● Optional extras that can be tailored to your needs.

# Daikin on Site

## Standard on all new installations

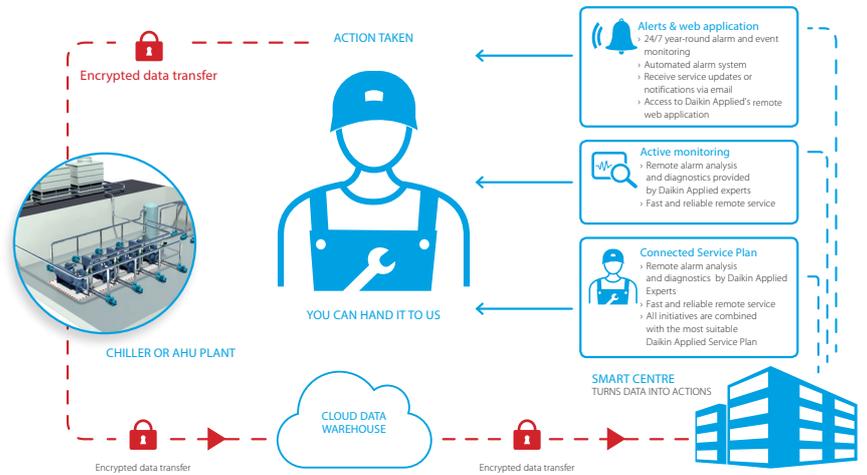
### What is Daikin on Site?

Daikin on Site (DOS) remote cloud server collects operational data from the control system of a Daikin Applied Chiller or Air Handling Unit plant.

Daikin's Smart Centre then turns this data into useful information on a web user interface.

### Main features

- › Reduce downtime
- › Optimise efficiency and reduce energy waste
- › Insight into the optimum use of equipment via trend analysis



#### Cloud technology to hand

Remote maintenance allows your system to be accessed any time, anywhere. Process data is collected constantly and automatically and is stored centrally.



#### Always up-to-date and in control

Suitable for any web-compatible devices. Operates in real time.



#### Insight into operational data for enhanced control and reliability

Enhanced control and maintenance programmes. Diagnostics, system upgrades and setting optimisations are carried out remotely where possible. If a visit is required, the service engineer will arrive already prepared, boosting your efficiency.



#### Available as part of the Daikin Applied Service Business Plus package

Adopt DoS as part of your condition based maintenance package, with a tailored monitoring program within the Business Plus package.



#### Simple, effective connection

Most Daikin Applied Chiller and AHU controllers have a built-in IP interface. This allows connection for remote monitoring either through LAN or with wireless modem communication.



#### High security

Secure in all aspects such as data privacy, data storage security and data transport.

- › All connections are encrypted (HTTPS) to prevent wiretapping and man-in-the-middle attacks
- › CSA security attestation
- › Data privacy conforming to EU data privacy Chapter 5
- › Geo-redundant data storage in Northern Europe



#### Operational data insights deliver long-term savings

The ideal tool for optimising maintenance and operating costs. Benefit from a documented view of your system's capacity requirements.

For more information email [info@daikinapplied.uk](mailto:info@daikinapplied.uk) or visit [www.daikinapplied.uk](http://www.daikinapplied.uk)

For all Daikin Applied UK,  
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**0345 565 2700**



Daikin Europe N.V. participates in the Eurovent Certified Performance programme for Liquid Chilling Packages and Hydronic Heat Pumps, Fan Coil Units and Variable Refrigerant Flow systems. Check ongoing validity of certificate: [www.eurovent-certification.com](http://www.eurovent-certification.com)

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