

# QUOTATION



| Reference:     | Item 1:                   | Item 2:         |  |
|----------------|---------------------------|-----------------|--|
| <b>PRICING</b> |                           | <b>Quantity</b> |  |
| Item :1        | AFR-ZAP-EC-245-ECMP-665-H | 1 off           |  |
| Item :2        | AFR-ZAP-EC-245-ECMP-665-H | 1 off           |  |

| PHYSICAL DATA          |                       |                       |  |      |
|------------------------|-----------------------|-----------------------|--|------|
| Capacity               | 478.28                | 485.98                |  | kW   |
| Air On Temp. db / wb   | 32.0 / ~              | 32.0 / ~              |  | °C   |
| Ambient R.H.           | ~                     | ~                     |  | %    |
| Air Off Temp. db / wb  | 43.1 / ~              | 43.1 / ~              |  | °C   |
| Fluid Description      | R744 – Trans-critical | R744 – Trans-critical |  |      |
| Inlet Temperature      | 117.0 at 90.0 bar(g)  | 120.0 at 90.0 bar(g)  |  | °C   |
| Outlet Temperature     | 35.0                  | 35.0                  |  | °C   |
| Fluid Pressure Drop    | 61.0                  | 61.0                  |  | kPa  |
| Connection Type        | Plain ends            | Plain ends            |  |      |
| Inlet Connection Size  | 2 set(s) 1 5/8 K65    | 2 set(s) 1 5/8 K65    |  |      |
| Outlet Connection Size | 2 set(s) 1 5/8 K65    | 2 set(s) 1 5/8 K65    |  |      |
| Air Volume             | 37.82                 | 37.82                 |  | m³/s |
| Face Velocity          | 3.28                  | 3.28                  |  | m/s  |

|               |                      |                      |  |  |
|---------------|----------------------|----------------------|--|--|
| Tube Material | Cu                   | Cu                   |  |  |
| Fin Material  | Cu                   | Cu                   |  |  |
| Case Material | Galv / Powder coated | Galv / Powder coated |  |  |

|                    |                |                |  |        |
|--------------------|----------------|----------------|--|--------|
| Coil Volume        | 79.23          | 79.23          |  | litres |
| Fin Spacing        | 5 rows @ 2.5mm | 5 rows @ 2.5mm |  |        |
| Total Surface Area | 958.27         | 958.27         |  | m²     |
| Number Sections    | 2              | 2              |  |        |
| Number Circuits    | 120            | 120            |  |        |

| DATA                   |                                                                                                                 |                                                                                                                 |  |          |
|------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--|----------|
| Fan Type               | ZA Plus EC                                                                                                      | ZA Plus EC                                                                                                      |  |          |
| No. Fan(s)             | 8                                                                                                               | 8                                                                                                               |  |          |
| Fan Diameter           | 800                                                                                                             | 800                                                                                                             |  | mm       |
| Fan Speed              | 665                                                                                                             | 665                                                                                                             |  | rpm      |
| Input Power            | 0.64 at design speed                                                                                            | 0.64 at design speed                                                                                            |  | kW / Fan |
|                        | 1.85 at full speed                                                                                              | 1.85 at full speed                                                                                              |  |          |
| Running Current        | 1.03 at design speed                                                                                            | 1.03 at design speed                                                                                            |  | A / Fan  |
|                        | 3.00 at full speed                                                                                              | 3.00 at full speed                                                                                              |  |          |
| Electrical Supply      | 3 x 400V - 50Hz                                                                                                 | 3 x 400V - 50Hz                                                                                                 |  |          |
| Noise Level to ISO1680 | 43 dBA @ 10m 90°                                                                                                | 43 dBA @ 10m 90°                                                                                                |  |          |
|                        | directivity free field                                                                                          | directivity free field                                                                                          |  |          |
| Unit Orientation       | Horizontal                                                                                                      | Horizontal                                                                                                      |  |          |
| Overall Length         | 5105                                                                                                            | 5105                                                                                                            |  | mm       |
| Overall Width          | 2410                                                                                                            | 2410                                                                                                            |  | mm       |
| Overall Height         | 1410                                                                                                            | 1410                                                                                                            |  | mm       |
| Dry Weight             | 2364                                                                                                            | 2364                                                                                                            |  | kg       |
| Notes                  | Unit powder coated –<br>Goosewing grey<br>EC ZA Plus fans<br>AlMg fins<br>Individual isolators<br>Contactor box | Unit powder coated –<br>Goosewing grey<br>EC ZA Plus fans<br>AlMg fins<br>Individual isolators<br>Contactor box |  |          |