

Project :  
Created By :

### Customer Input

|                       |   |     |       |    |                   |   |          |    |
|-----------------------|---|-----|-------|----|-------------------|---|----------|----|
| Selected Model / Type | : |     |       |    | /                 |   |          |    |
| Ambient Temperature   | : |     | 30.0  | °C | Frequency         | : | 50       | Hz |
| Chilled Water         | : | EWT | 11.00 | °C | Voltage           | : | 380      | V  |
|                       | : | LWT | 8.00  | °C | Country of Origin | : | Malaysia |    |

### Generated Outputs

| Full Load Performance |   | Nominal Data (AHRI Standard) |       |  | Input Conditions |  |                   |
|-----------------------|---|------------------------------|-------|--|------------------|--|-------------------|
| Cooling Capacity      | : |                              | 10.00 |  | 90.00            |  | TR                |
|                       |   |                              | 351.7 |  | 316.5            |  | kW                |
| Current               | : | Compressor                   | 201   |  | 48               |  | A                 |
|                       |   | Fan                          | 18    |  | 12               |  | A                 |
|                       |   | Total                        | 219   |  | 60               |  | A                 |
| Power Input           | : | Compressor                   | 43.00 |  | 39.00            |  | kW                |
|                       |   | Fan                          | 12.00 |  | 12.00            |  | kW                |
|                       |   | Total                        | 55.00 |  | 51.00            |  | kW                |
| COP                   | : |                              | 1.580 |  | 5.330            |  | kW/kW             |
| Flow Rate             | : |                              | 60.56 |  | 22.71            |  | m <sup>3</sup> /h |
| Pressure Drop         | : |                              | 30.3  |  | 1.03             |  | kPa               |
| Note                  | : |                              |       |  |                  |  |                   |

### Part Load Performance

|                        |   |      |      |      |      |      |      |      |      |      |      |                   |
|------------------------|---|------|------|------|------|------|------|------|------|------|------|-------------------|
| IPLV                   | : |      |      |      |      |      |      |      |      |      |      | kW/kW             |
| Point                  | : | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |                   |
| Corresponding Capacity | : | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | %                 |
| Total Cooling Capacity | : | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | TR                |
| Total Cooling Capacity | : | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | kW                |
| Total Power Input      | : | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | kW                |
| Total Current          | : | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | A                 |
| COP                    | : | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | kW/kW             |
| Ambient Temperature    | : | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | °C                |
| EEWT                   | : | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | °C                |
| ELWT                   | : | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | °C                |
| Flow Rate              | : | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | m <sup>3</sup> /h |
| Pressure Drop          | : | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | kPa               |

### Others

|                            |   |            |           |  |  |  |  |  |  |  |  |           |
|----------------------------|---|------------|-----------|--|--|--|--|--|--|--|--|-----------|
| MCA                        | : | 0          |           |  |  |  |  |  |  |  |  | A         |
| No. of Refrigerant Circuit | : |            |           |  |  |  |  |  |  |  |  | -         |
| Refrigerant Type           | : |            |           |  |  |  |  |  |  |  |  | -         |
| Refrigerant Charge         | : | System 1/2 | 0.0 / 0.0 |  |  |  |  |  |  |  |  | kg/System |
| Chiller Dimension          | : | W / D / H  | 0 / 0 / 0 |  |  |  |  |  |  |  |  | mm        |
| Weight                     | : | Shipping   | 0         |  |  |  |  |  |  |  |  | kg        |
|                            | : | Operating  | 0         |  |  |  |  |  |  |  |  | kg        |

### Evaporator

|                       |   |           |       |  |  |  |  |  |  |  |  |                   |
|-----------------------|---|-----------|-------|--|--|--|--|--|--|--|--|-------------------|
| Type                  | : |           |       |  |  |  |  |  |  |  |  | -                 |
| Inlet/Outlet Diameter | : |           |       |  |  |  |  |  |  |  |  | -                 |
| Flow Rate             | : | Min / Max | - / - |  |  |  |  |  |  |  |  | m <sup>3</sup> /h |
| Pressure Drop         | : | Min / Max | - / - |  |  |  |  |  |  |  |  | kPa               |

### Compressor

|            |   |            |           |  |  |  |  |  |  |  |  |  |          |
|------------|---|------------|-----------|--|--|--|--|--|--|--|--|--|----------|
| Quantity   | : | System 1/2 | / -       |  |  |  |  |  |  |  |  |  |          |
| Type       | : |            |           |  |  |  |  |  |  |  |  |  | -        |
| Oil Charge | : | System 1/2 | 0.0 / 0.0 |  |  |  |  |  |  |  |  |  | L/System |

### Condenser

|                     |   |      |  |  |  |  |  |  |  |  |  |                      |
|---------------------|---|------|--|--|--|--|--|--|--|--|--|----------------------|
| Coil                | : |      |  |  |  |  |  |  |  |  |  | -                    |
| Tube                | : | Type |  |  |  |  |  |  |  |  |  | -                    |
| Fin                 | : | Type |  |  |  |  |  |  |  |  |  | -                    |
| Surface Area/ Coil  | : | 0.00 |  |  |  |  |  |  |  |  |  | m <sup>2</sup> /Coil |
| Fan                 | : |      |  |  |  |  |  |  |  |  |  | -                    |
| Type/ Drive         | : | /    |  |  |  |  |  |  |  |  |  | -                    |
| Quantity per System | : |      |  |  |  |  |  |  |  |  |  | -                    |