

# EIDIS REFRIGERATION

ARC  AU38307

## PACKAGED REFRIGERATION UNITS

*Outstanding Quality and Reliability.*

*Built in Australia to perform in Australian conditions.*



TECHNICAL DATA

 +61 8 9478 3293  [info@eidis.com.au](mailto:info@eidis.com.au)

 [www.eidis.com.au](http://www.eidis.com.au)  Unit 1, 5 Opportunity Street, Wangara WA 6065

## ■ EIDIS Packaged Refrigeration Units



*EIDIS Drop-In Refrigeration Units*

*EIDIS Slide-In Packaged Unit*

*EIDIS Low-Profile Packaged Unit*

**EIDIS** manufactures and supplies residential and commercial refrigeration units for the Australian market.

**EIDIS Refrigeration Systems** manufacture refrigeration systems for cool rooms and freezer rooms, keeping goods perennially cool regardless of the temperature and conditions outside.

Established in 1987, our many years of experience have helped establish ourselves as market leaders in the industry. The team is comprised of manufacturing experts and refrigeration specialists, who have many years of experience. The predominantly packaged refrigeration units come in drop-in and slide-in formats, as well as split systems in condensing units and evaporator units with all spare parts readily available.

We also specialise in manufacturing systems specifically tailored to clients' requests. Not only do we manufacture full units but are able to replace spare parts such as compressors, evaporators, condensers, fans, and driers.

At **EIDIS**, the company philosophy is based on client satisfaction. We believe the customers are the driving force behind our success and work toward continual improvement in the construction of new products and service efficiency.

We also believe strongly in innovation and are constantly working on improving the current units while also designing new products that are the best in the industry.

We pride ourselves on the simplicity of design facilitation and on-site service, particularly in Australia's remote locations. The consultants are always happy to assess and give advice on any refrigeration problems, providing all the technical information clients need to make an informed decision.

**EIDIS Refrigeration Systems** will go the extra mile for their clients. Any unit can be delivered anywhere in Australia and with stockists located all over Australia, you save on delivery costs.

## ■ Features & Benefits of Our Units

*Outstanding Quality and Reliability.*

*Built in Australia to perform in Australian conditions.*

- Both heat exchange coils use rifle bore tubing
- Accurate metal pressing by C.N.C Turret
- Compact construction minimising freight cost
- Bench tested before packaging
- Each system has an installation instruction sheet, a unit to coldroom sealing strip, electronic componentry usage instructions where required and a drawing showing cut out dimensions and positioning
- Continual improvement in construction and efficiency
- Use of proven componentry and controls from the world's leading manufacturers - readily available off the shelf components
- Simplicity of design facilitating on-site service, particularly in remote locations
- Easy installation
- No skilled personnel needed on site
- Just place in a prepared hole
- Covers available for all models on request
- Special units to customer requirements
- Standard power requirement 220/240 volt 50/HZ
- Units are provided with 3m electrical cable and 3 pin plug
- Reliable, safe operation
- Controls of appropriate design, mechanical thermostats unaffected by voltage spikes
- Drop-In and Slide-In models have cross ambient temperature controls factory set 2°C room temperature
- Dual pressure control with auto reset on high cut out to protect against condenser airflow restriction
- Optional electronic digital controls can be supplied
- Vibration free balanced external rotor fans
- Baseplate powder coated
- Moulded white a.b.s insulated inner panel
- Evaporator casing, white powder coated aluminium
- Units are ready to install straight from the box, no technician necessary



*All models supplied with an Eliwell control option.*

- Clear display with large digits and coloured icons
- **EASY TO USE**
- Everything is under control thanks to the large digit display and coloured status icons
- Dedicated push buttons provide direct access to the main functions

## TECHNICAL INFO

NTC Probes

Power Supply: 230V 50/60 Hz

Isolated 32A solid state relay for control protection and long life

Made in Italy

## Eliwell Control Option



by **Schneider** Electric

## EIDIS Packaged Refrigeration Unit – Model Information

# 68/4 DI E R

**Remote**  
R = Remote lead for digital thermostat

**Thermostat Type**  
E = Digital  
Blank = Mechanical

**Unit Type**  
DI = Standard Drop-In  
LP = Low-Profile  
SI = Slide-In  
LT = Low Temp  
WU = Wine Unit

**Refrigerant Type**  
2 = R22  
4 = R404a

**Unit Capacity**

## Options List

- 3.5m Remote Lead for Digital Eliwell Control
- External Weather Covers

## Medium Temperature

### EIDIS Drop-In & Slide-In Packaged Refrigeration Units

| Model No. | Compressor |               | Watts Capacity<br>@ +2°C Room Temp. | Evap. KTD | Grams           |
|-----------|------------|---------------|-------------------------------------|-----------|-----------------|
|           | Model      | Nominal<br>HP |                                     |           | R404a<br>Charge |
| 66/4      | 6213GK     | 1/2           | 1300                                | 5         | 600             |
| 68/4      | 6226GK     | 1+            | 1940                                | 6.8       | 700             |
| 88/4      | 9232GK     | 1-1/4         | 2280                                | 7         | 800             |
| 1212/4    | 9238GK     | 1-1/2         | 3220                                | 6         | 1550            |
| 2012/4    | CS14       | 2-1/4         | 4200                                | 5         | 3000            |

### EIDIS Low-Profile Packaged Refrigeration Units

| Model No. | Compressor |               | Watts Capacity<br>@ +2°C Room Temp. | Evap. KTD | Grams           |
|-----------|------------|---------------|-------------------------------------|-----------|-----------------|
|           | Model      | Nominal<br>HP |                                     |           | R404a<br>Charge |
| 64/4      | 6212GK     | 3/8           | 975                                 | 6.5       | 445             |
| 66/4      | 6213GK     | 1/2           | 1300                                | 5         | 600             |
| 67/4      | 6222GK     | 1             | 1600                                | 6         | 850             |
| 68/4      | 6226GK     | 1+            | 1940                                | 6.8       | 700             |
| 88/4      | 9232GK     | 1-1/4         | 2280                                | 7         | 800             |

## Low Temperature

| Model No. | Compressor |               | Watts Capacity<br>@ -18°C Room Temp. | Evap. KTD | Grams           |
|-----------|------------|---------------|--------------------------------------|-----------|-----------------|
|           | Model      | Nominal<br>HP |                                      |           | R404a<br>Charge |
| 1300 LT   | 2192GK     | 1-1/4         | 1250                                 | 8         | 840             |
| 1500 LT   | 2212GK     | 1-1/2         | 1500                                 | 8         | 900             |
| 2500 LT   | NTZ068     | 2-1/2         | 2500                                 | 8         | 1500            |

Notes – applies to Low Temperature ONLY

- The manufacturer reserves the right to change specifications as necessary without notice.
- The L/T range packaged units are designed to operate within an ambient temperature range of +10°C to +45°C and a room temperature range of -20°C to -5°C.

## Ice Box Refrigeration

| Model No. | Compressor |               | Watts Capacity<br>@ -12°C Room Temp. | Evap. KTD | Grams           |
|-----------|------------|---------------|--------------------------------------|-----------|-----------------|
|           | Model      | Nominal<br>HP |                                      |           | R404a<br>Charge |
| 1900 IBU  | 2212GK     | 1-1/2         | 1900                                 | 6         | 1200            |

Notes – applies to Ice Box Refrigeration ONLY

- The manufacturer reserves the right to change specifications as necessary without notice.
- The L/T range packaged units are designed to operate within an ambient temperature range of +10°C to +40°C and a room temperature range of -12°C to -5°C.

| Model No. | Compressor |       | Condenser Fan |                    | Evaporator Fan                 |                                   | Standard Evap Unit |       |
|-----------|------------|-------|---------------|--------------------|--------------------------------|-----------------------------------|--------------------|-------|
|           | Model      | Amps  |               | Qty x Fan Dia (mm) | Standard<br>Qty x Fan Dia (mm) | Low-Profile<br>Qty x Fan Dia (mm) | Amps               |       |
|           |            | RLA*  | LRA           |                    |                                |                                   | RLA*               | MRA*  |
| 64/4      | 6210GK     | 3.23  | 19.00         | 1 x 300            | N/A                            | 2 x 178                           | 3.95               | 4.11  |
| 66/4      | 6213GK     | 3.78  | 22.00         |                    | 1 x 300                        | 3 x 178                           | 4.80               | 4.94  |
| 67/4      | 6222GK     | 4.95  | 37.00         |                    | N/A                            |                                   | 5.40               | 6.33  |
| 68/4      | 6226GK     | 5.09  | 27.50         |                    | 1 x 300                        |                                   | 5.50               | 6.44  |
| 88/4      | 9232GK     | 5.12  | 43.00         | 1 x 350            | 1 x 350                        | N/A                               | 6.80               | 7.84  |
| 1212/4    | 9238GK     | 8.10  | 43.00         |                    | 1 x 350                        |                                   | 7.95               | 10.76 |
| 2012/4    | CS14       | 10.69 | 58.00         |                    | 2 x 300                        |                                   | 10.2               | 13.45 |

#### Notes

- The manufacturer reserves the right to change specifications as necessary without notice.
- \* - Unit and Compressor RLA data are taken at +2°C room temp, +32°C ambient condition. (+/- 5%)
- \* - Unit MRA data are based on compressor MRA + fan RLA. (+/- 5%)

| Model No.  | Compressor |       |     | Condenser Fan      | Evaporator Fan     | Defrost  |      | Unit |      |
|------------|------------|-------|-----|--------------------|--------------------|----------|------|------|------|
|            | Model      | Amps  |     | Qty x Fan Dia (mm) | Qty x Fan Dia (mm) | Type     | Amps | Amps |      |
|            |            | RLA*  | LRA |                    |                    |          |      | RLA* | MRA* |
| 1300/4 LT  | 2192GK     | 4.29  | 26  | 1 x 300            | 1 x 300            | Hot Gas  | N/A  | 4.60 | 5.55 |
| 1500 LT    | 2212GK     | 5.50  | 36  | 1 x 300            |                    | Hot Gas  | 11.0 | 5.50 | 14.5 |
| 2500 LT    | NTZ068     | 10.30 | 53  | 1 x 350            | 1 x 350            | Hot Gas  | N/A  | 12.0 | 7.30 |
| 1300 LT LP | 2192GK     | 3.71  | 26  | 1 x 300            | 3 x 178            | Electric | 3.3  | 4.60 | 6.10 |
| 1500 LT LP | 2212GK     | 5.50  | 36  |                    | Electric           | 3.3      | 5.20 | 7.95 |      |
| 1900 IBU   | 2212GK     | 7.10  | 36  |                    | 1 x 200            | Electric | 8.0  | 8.50 | 9.30 |

#### Notes

- The manufacturer reserves the right to change specifications as necessary without notice.
- \* - Unit and Compressor RLA data are taken at -18°C room temp, +32°C ambient condition. (+/- 5%)
- \* - Unit MRA data are based on compressor MRA + fan RLA. (+/- 5%)



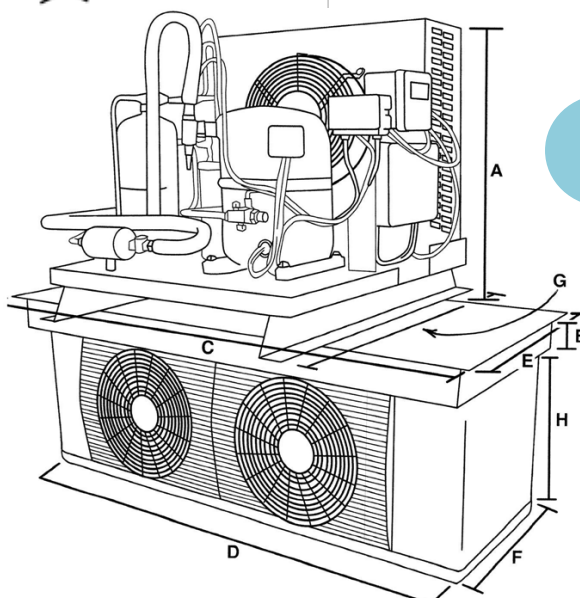
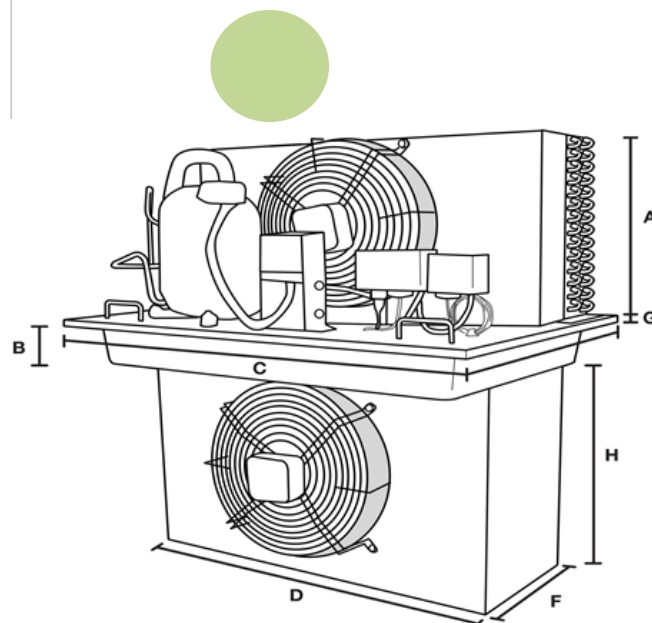
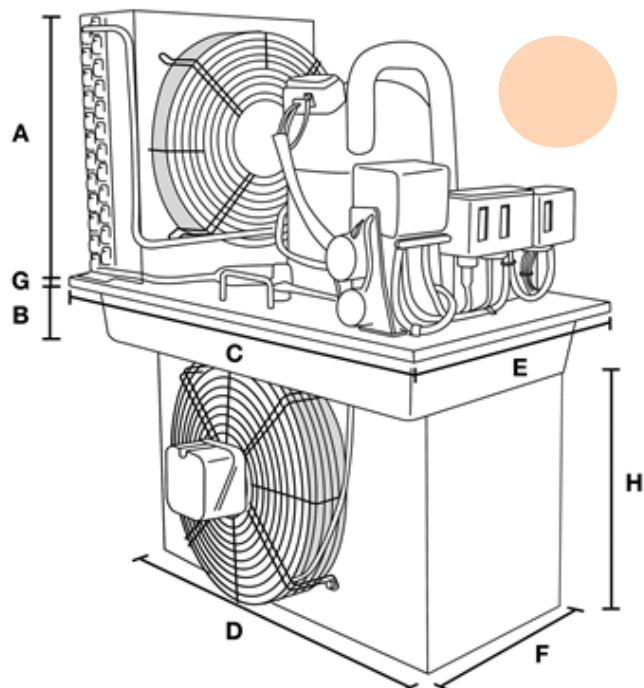
## Medium Temperature & Low Temperature

### EIDIS Drop-In Packaged Refrigeration Units

| Model No. | Packaged Dimensions |     |      | Weight<br>kg | Unit Dimensions |    |      |      |     |     |     |     |
|-----------|---------------------|-----|------|--------------|-----------------|----|------|------|-----|-----|-----|-----|
|           | L                   | W   | H    |              | A               | B  | C    | D    | E   | F   | G   | H   |
| 66/4      | 720                 | 460 | 1060 | 52           | 340             | 80 | 685  | 605  | 400 | 230 | 16  | 370 |
| 68/4      |                     |     | 1060 | 61           | 365             |    |      |      |     |     |     |     |
| 88/4      |                     |     |      | 67           | 415             |    |      |      |     |     |     |     |
| 1300 LT   |                     |     | 1150 |              | 365             |    |      |      |     |     |     |     |
| 1500 LT   |                     |     |      |              | 415             |    |      |      |     |     |     |     |
| 1212/4    | 900                 | 610 | 1120 | 120          | 375             | 80 | 890  | 762  | 590 | 298 | 16  | 450 |
| 2500 LT   |                     |     | 1210 |              | 170             |    |      |      |     |     |     |     |
| 2012/4    | 1300                | 700 | 1190 | 180          | 655             | 80 | 1285 | 1215 | 545 | 450 | 655 | 435 |

#### Notes

- The manufacturer reserves the right to change specifications as necessary without notice.
- LT = Low Temperature

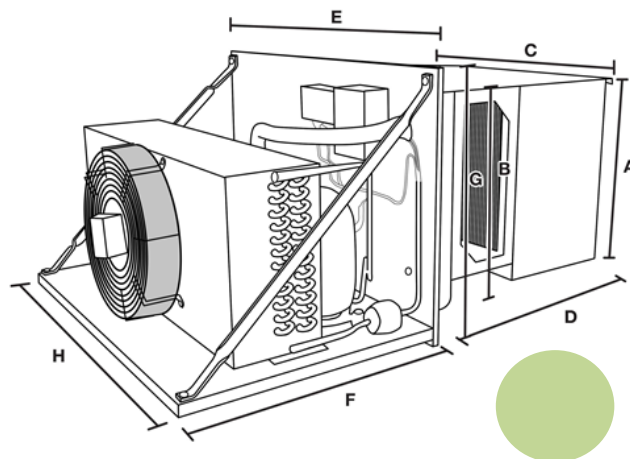
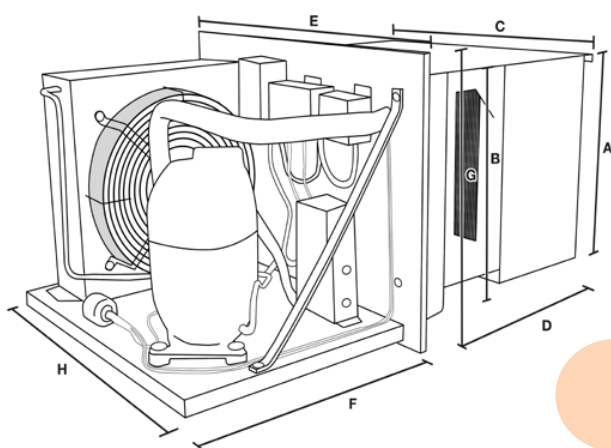


## EIDIS Slide-In Packaged Refrigeration Units

| Model No. | Packaged Dimensions |      |     | Weight<br>kg | Unit Dimensions |     |      |     |      |     |     |      |
|-----------|---------------------|------|-----|--------------|-----------------|-----|------|-----|------|-----|-----|------|
|           | L                   | W    | H   |              | A               | B   | C    | D   | E    | F   | G   | H    |
| 66/4      | 1070                | 700  | 510 | 58           | 370             | 390 | 605  | 385 | 690  | 430 | 460 | 600  |
| 68/4      |                     |      |     | 67           |                 |     |      |     |      |     |     |      |
| 88/4      |                     |      |     | 71           |                 |     |      | 475 |      |     | 590 |      |
| 1300 LT   |                     |      |     |              |                 |     |      |     |      |     |     |      |
| 1500 LT   |                     |      |     |              |                 |     |      |     |      |     |     |      |
| 1212/4    | 1320                | 900  | 600 | 120          | 450             | 480 | 760  | 493 | 890  | 590 | 590 | 890  |
| 2500 LT   | 1410                |      |     |              |                 |     |      | 810 |      |     |     |      |
| 2012/4    | 1500                | 1300 | 760 | 130          | 450             | 490 | 1215 | 730 | 1285 | 710 | 600 | 1225 |

### Notes

- The manufacturer reserves the right to change specifications as necessary without notice.
- LT = Low Temperature



## EIDIS Low-Profile Packaged Refrigeration Units

| Model No. | Packaged Dimensions |     |     | Weight<br>kg | Unit Dimensions |     |     |     |     |     |     |     |     |
|-----------|---------------------|-----|-----|--------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|
|           | L                   | W   | H   |              | A               | B   | C   | D   | E   | F   | G   | H   |     |
| 64/4      | 900                 | 500 | 800 | 40           | 75              | 140 | 395 | 470 | 770 | 705 | 16  | 280 |     |
| 66/4      |                     |     |     | 46           | 80              |     | 190 | 395 | 500 | 875 | 840 | 16  | 340 |
| 67/4      |                     |     |     | 47           |                 |     |     |     |     |     |     |     | 415 |
| 68/4      |                     |     | 835 | 49           |                 | 140 |     |     |     |     |     |     |     |
| 88/4      |                     |     |     |              |                 |     | 800 |     |     |     |     |     | 415 |
| 1300 LT   |                     |     | 800 | 415          |                 |     |     |     |     |     |     |     |     |
| 1500 LT   |                     |     |     |              |                 |     |     |     |     |     |     |     |     |

### Notes

- The manufacturer reserves the right to change specifications as necessary without notice.
- LT = Low Temperature

