

### DEFINICIÓN DEL COMPRESOR

|                              |                 |
|------------------------------|-----------------|
| Denominación                 | VEM T404U       |
| Voltage / Frecuencia nominal | 230 V 40-150 Hz |
| Código de Ingeniería         | 513903036       |

### A - APLICACIÓN / CONDICIONES LÍMITES DE TRABAJO

|   |  |                                   |                |
|---|--|-----------------------------------|----------------|
| 1 Tipo                                  | Compresor recíproco                    |                                   |                |
| 2 Refrigerante                          | R-290                                  |                                   |                |
| 3 Voltaje y frecuencia nominal          | 230 / 40-150                           | [ V / Hz ]                        |                |
| 4 Tipo de aplicación                    |  |                                   |                |
| 4.1 Rango de temperatura de evaporación | -40°C para 0°C                         | (-40°F para 32°F)                 |                |
| 5 Tipo de motor                         | BPM                                    |                                   |                |
| 6 Torque de Arranque                    | LST/HST - Bajo/Alto torque de arranque |                                   |                |
| 7 Elemento de control                   | Tubo capilar o Válvula de expansión    |                                   |                |
| 8 Enfriamiento del compresor            | Rango de voltaje de operación          |                                   |                |
|   |  | 50 Hz                             | 60 Hz          |
| 8.1 LBP (32°C Temperatura ambiente)     | Estática/Forzada                       | 103 para 140 V                    | 103 para 140 V |
| 8.2 LBP (43°C Temperatura ambiente)     | Estática/Forzada                       | 103 para 140 V                    | 103 para 140 V |
| 8.3 HBP (32°C Temperatura ambiente)     | -                                      | -                                 | -              |
| 8.4 HBP (43°C Temperatura ambiente)     | -                                      | -                                 | -              |
| 9 Máxima temperatura de condensación    |  |                                   |                |
| 9.1 Operación                           | 18.4                                   | [kgf/cm <sup>2</sup> ] (262 psig) | / °C - °F      |
| 9.2 Pico                                | 20.6                                   | [kgf/cm <sup>2</sup> ] (293 psig) | / °C - °F      |
| 10 Máxima temperatura de las bobinas    | 130                                    | [ °C ]                            |                |

### B - DATOS MECÁNICOS

|                                |                 |                                  |
|--------------------------------|-----------------|----------------------------------|
| 1 Referencia Comercial         | 1/3+            | [hp]                             |
| 2 Desplazamiento               | 4.25            | [cm <sup>3</sup> ] (0.259 cu.in) |
| 2.1 Diametro [mm]              | 19.000          |                                  |
| 2.2 Curso [mm]                 | 15.000          |                                  |
| 3 Carga de aceite              | 220             | [ml] (7.44 fl.oz.)               |
| 3.1 Aceites aprobados          |                 |                                  |
| 3.2 Tipo/Viscosidad del aceite | ALQUILB / ISO22 |                                  |
| 4 Peso (com carga de aceite)   | 7.18            | [kg] (15.83 lb.)                 |
| 5 Carga de nitrógeno           | -               | [kgf/cm <sup>2</sup> ]           |

### C - DATOS ELÉCTRICOS

|  |                                 |                           |
|--|---------------------------------|---------------------------|
| 1 Voltaje nominal/Frecuencia/Numero de fases     | 230 V 40-150 Hz 3 ~ (Trifásico) |                           |
| 2 Tipo de Dispositivo de Arranque                | Inverter                        |                           |
| 2.1 Dispositivo de Arranque                      | CF03B01 N XX XX                 |                           |
| 3 Capacitor de Arranque                          | -                               | [µF(VAC minimo)]          |
| 4 Capacitor de marcha                            | -                               | [µF(VAC minimo)]          |
| 5 Protección del motor                           | INVERTER CF03B01 N X            |                           |
| 6 Resistencia del motor - bobina arranque        | 13.65                           | [Ω en 25°C (77°F)] +/- 8% |
| 7 Resistencia del motor - bobina marcha          | 13.65                           | [Ω en 25°C (77°F)] +/- 8% |
| 8 LRA - Corriente com rotor trabado (50/60 Hz)   | 2.80/2.80                       | [A] - Medido según UL 984 |
| 9 FLA - Corriente a plena carga L/MBP (50/60 Hz) | 2.00/2.00                       | [A] - Medido según UL 984 |
| 10 FLA - Corriente a plena carga HBP (50/60 Hz)  | 2.00/2.00                       | [A] - Medido según UL 984 |
| 11 Institutos de aprobación                      | TUV - UL                        |                           |

### D - PERFORMANCE - DATOS CHECK POINT

|   |          |     |                                 |                                |   |                               |           |       |
|---|----------|-----|---------------------------------|--------------------------------|---|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA:<br><b>@115V1200RPM</b> |          |     | <b>ARIMBP</b><br><b>Forzada</b> |                                | Temperatura de evaporación <b>-6.7°C (19.94°F)</b><br>(Temp. de condensación <b>48.9°C (120.02°F)</b> ) |                               |           |       |
| Capacidad de refrigeración<br>+/- 5%          |          |     | Consumo de potencia<br>+/- 5%   | Consumo de corriente<br>+/- 5% | Flujo de masa<br>+/- 5%   | RANGO DE EFICIENCIA<br>+/- 7% |           |       |
| [Btu/h]                                       | [kcal/h] | [W] | [W]                             | [A]                            | [kg/h]  | [Btu/Wh]                      | [kcal/Wh] | [W/W] |
| 485   | 122      | 142 | 76                              | 1.13                           | 2.03  | 6.38                          | 1.61      | 1.87  |

|   |          |     |                                 |                                |   |                               |           |       |
|---|----------|-----|---------------------------------|--------------------------------|---|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA:<br><b>@115V1600RPM</b> |          |     | <b>ARIMBP</b><br><b>Forzada</b> |                                | Temperatura de evaporación <b>-6.7°C (19.94°F)</b><br>(Temp. de condensación <b>48.9°C (120.02°F)</b> ) |                               |           |       |
| Capacidad de refrigeración<br>+/- 5%          |          |     | Consumo de potencia<br>+/- 5%   | Consumo de corriente<br>+/- 5% | Flujo de masa<br>+/- 5%   | RANGO DE EFICIENCIA<br>+/- 7% |           |       |
| [Btu/h]                                       | [kcal/h] | [W] | [W]                             | [A]                            | [kg/h]  | [Btu/Wh]                      | [kcal/Wh] | [W/W] |
| 615   | 155      | 180 | 90                              | 1.30                           | 2.57  | 6.81                          | 1.72      | 2.00  |

|   |          |     |                                 |                                |   |                               |           |       |
|---|----------|-----|---------------------------------|--------------------------------|---|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA:<br><b>@115V2000RPM</b> |          |     | <b>ARIMBP</b><br><b>Forzada</b> |                                | Temperatura de evaporación <b>-6.7°C (19.94°F)</b><br>(Temp. de condensación <b>48.9°C (120.02°F)</b> ) |                               |           |       |
| Capacidad de refrigeración<br>+/- 5%          |          |     | Consumo de potencia<br>+/- 5%   | Consumo de corriente<br>+/- 5% | Flujo de masa<br>+/- 5%   | RANGO DE EFICIENCIA<br>+/- 7% |           |       |
| [Btu/h]                                       | [kcal/h] | [W] | [W]                             | [A]                            | [kg/h]  | [Btu/Wh]                      | [kcal/Wh] | [W/W] |
| 771   | 194      | 226 | 109                             | 1.55                           | 3.22  | 7.07                          | 1.78      | 2.07  |

|   |          |     |                                 |                                |   |                               |           |       |
|---|----------|-----|---------------------------------|--------------------------------|---|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA:<br><b>@115V3000RPM</b> |          |     | <b>ARIMBP</b><br><b>Forzada</b> |                                | Temperatura de evaporación <b>-6.7°C (19.94°F)</b><br>(Temp. de condensación <b>48.9°C (120.02°F)</b> ) |                               |           |       |
| Capacidad de refrigeración<br>+/- 5%          |          |     | Consumo de potencia<br>+/- 5%   | Consumo de corriente<br>+/- 5% | Flujo de masa<br>+/- 5%   | RANGO DE EFICIENCIA<br>+/- 7% |           |       |
| [Btu/h]                                       | [kcal/h] | [W] | [W]                             | [A]                            | [kg/h]  | [Btu/Wh]                      | [kcal/Wh] | [W/W] |
| 1169  | 295      | 343 | 162                             | 2.21                           | 4.89  | 7.23                          | 1.82      | 2.12  |

|   |          |     |                                 |                                |   |                               |           |       |
|---|----------|-----|---------------------------------|--------------------------------|---|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA:<br><b>@115V3600RPM</b> |          |     | <b>ARIMBP</b><br><b>Forzada</b> |                                | Temperatura de evaporación <b>-6.7°C (19.94°F)</b><br>(Temp. de condensación <b>48.9°C (120.02°F)</b> ) |                               |           |       |
| Capacidad de refrigeración<br>+/- 5%          |          |     | Consumo de potencia<br>+/- 5%   | Consumo de corriente<br>+/- 5% | Flujo de masa<br>+/- 5%   | RANGO DE EFICIENCIA<br>+/- 7% |           |       |
| [Btu/h]                                       | [kcal/h] | [W] | [W]                             | [A]                            | [kg/h]  | [Btu/Wh]                      | [kcal/Wh] | [W/W] |
| 1406  | 354      | 412 | 196                             | 2.63                           | 5.88  | 7.17                          | 1.81      | 2.10  |

|   |          |     |                                 |                                |   |                               |           |       |
|---|----------|-----|---------------------------------|--------------------------------|---|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA:<br><b>@115V4500RPM</b> |          |     | <b>ARIMBP</b><br><b>Forzada</b> |                                | Temperatura de evaporación <b>-6.7°C (19.94°F)</b><br>(Temp. de condensación <b>48.9°C (120.02°F)</b> ) |                               |           |       |
| Capacidad de refrigeración<br>+/- 5%          |          |     | Consumo de potencia<br>+/- 5%   | Consumo de corriente<br>+/- 5% | Flujo de masa<br>+/- 5%   | RANGO DE EFICIENCIA<br>+/- 7% |           |       |
| [Btu/h]                                       | [kcal/h] | [W] | [W]                             | [A]                            | [kg/h]  | [Btu/Wh]                      | [kcal/Wh] | [W/W] |
| 1789  | 451      | 524 | 259                             | 3.42                           | 7.48  | 6.92                          | 1.74      | 2.03  |

### E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 35°C (+95°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|--------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V1200RPM               |       | Forzada                    |          |     |                                      |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                  | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                               | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                  | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 137                        | 34       | 40  | 30                                   | 0.51                 | 0.47          | 4.52                | 1.14      | 1.32  |
| -35                        | (-31) | 176                        | 44       | 52  | 35                                   | 0.59                 | 0.61          | 5.00                | 1.26      | 1.47  |
| -30                        | (-22) | 224                        | 56       | 66  | 40                                   | 0.66                 | 0.78          | 5.56                | 1.40      | 1.63  |
| -25                        | (-13) | 281                        | 71       | 82  | 45                                   | 0.73                 | 0.99          | 6.21                | 1.56      | 1.82  |
| -20                        | (- 4) | 347                        | 87       | 102 | 50                                   | 0.79                 | 1.23          | 6.98                | 1.76      | 2.04  |
| -15                        | (+ 5) | 421                        | 106      | 123 | 54                                   | 0.84                 | 1.50          | 7.90                | 1.99      | 2.31  |
| -10                        | (+14) | 502                        | 127      | 147 | 57                                   | 0.88                 | 1.80          | 9.00                | 2.27      | 2.64  |
| -5                         | (+23) | 591                        | 149      | 173 | 58                                   | 0.89                 | 2.14          | 10.32               | 2.60      | 3.02  |
| 0                          | (+32) | 687                        | 173      | 201 | 57                                   | 0.89                 | 2.51          | 11.87               | 2.99      | 3.48  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 45°C (+113°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V1200RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 117                        | 30       | 34  | 35                                    | 0.56                 | 0.45          | 3.45                | 0.87      | 1.01  |
| -35                        | (-31) | 152                        | 38       | 45  | 40                                    | 0.64                 | 0.59          | 3.88                | 0.98      | 1.14  |
| -30                        | (-22) | 196                        | 49       | 58  | 45                                    | 0.72                 | 0.76          | 4.32                | 1.09      | 1.27  |
| -25                        | (-13) | 249                        | 63       | 73  | 51                                    | 0.80                 | 0.97          | 4.79                | 1.21      | 1.40  |
| -20                        | (- 4) | 310                        | 78       | 91  | 57                                    | 0.88                 | 1.21          | 5.32                | 1.34      | 1.56  |
| -15                        | (+ 5) | 380                        | 96       | 111 | 63                                    | 0.96                 | 1.49          | 5.95                | 1.50      | 1.74  |
| -10                        | (+14) | 456                        | 115      | 134 | 68                                    | 1.02                 | 1.81          | 6.70                | 1.69      | 1.96  |
| -5                         | (+23) | 541                        | 136      | 158 | 71                                    | 1.07                 | 2.17          | 7.59                | 1.91      | 2.22  |
| 0                          | (+32) | 631                        | 159      | 185 | 74                                    | 1.11                 | 2.57          | 8.66                | 2.18      | 2.54  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 55°C (+131°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V1200RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 97                         | 24       | 28  | 37                                    | 0.59                 | 0.42          | 2.52                | 0.64      | 0.74  |
| -35                        | (-31) | 124                        | 31       | 36  | 43                                    | 0.69                 | 0.54          | 2.93                | 0.74      | 0.86  |
| -30                        | (-22) | 161                        | 41       | 47  | 50                                    | 0.79                 | 0.70          | 3.28                | 0.83      | 0.96  |
| -25                        | (-13) | 206                        | 52       | 60  | 58                                    | 0.89                 | 0.90          | 3.61                | 0.91      | 1.06  |
| -20                        | (- 4) | 259                        | 65       | 76  | 66                                    | 1.00                 | 1.14          | 3.94                | 0.99      | 1.15  |
| -15                        | (+ 5) | 320                        | 81       | 94  | 74                                    | 1.11                 | 1.42          | 4.29                | 1.08      | 1.26  |
| -10                        | (+14) | 389                        | 98       | 114 | 82                                    | 1.21                 | 1.74          | 4.71                | 1.19      | 1.38  |
| -5                         | (+23) | 465                        | 117      | 136 | 88                                    | 1.31                 | 2.11          | 5.22                | 1.31      | 1.53  |
| 0                          | (+32) | 547                        | 138      | 160 | 94                                    | 1.39                 | 2.51          | 5.84                | 1.47      | 1.71  |

### E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 35°C (+95°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|--------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V1600RPM               |       | Forzada                    |          |     |                                      |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                  | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                               | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                  | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 175                        | 44       | 51  | 38                                   | 0.63                 | 0.61          | 4.61                | 1.16      | 1.35  |
| -35                        | (-31) | 219                        | 55       | 64  | 43                                   | 0.72                 | 0.76          | 5.06                | 1.28      | 1.48  |
| -30                        | (-22) | 281                        | 71       | 82  | 50                                   | 0.80                 | 0.98          | 5.66                | 1.43      | 1.66  |
| -25                        | (-13) | 358                        | 90       | 105 | 56                                   | 0.88                 | 1.26          | 6.41                | 1.61      | 1.88  |
| -20                        | (- 4) | 450                        | 113      | 132 | 61                                   | 0.96                 | 1.59          | 7.31                | 1.84      | 2.14  |
| -15                        | (+ 5) | 552                        | 139      | 162 | 66                                   | 1.02                 | 1.97          | 8.37                | 2.11      | 2.45  |
| -10                        | (+14) | 665                        | 168      | 195 | 70                                   | 1.06                 | 2.39          | 9.59                | 2.42      | 2.81  |
| -5                         | (+23) | 786                        | 198      | 230 | 72                                   | 1.08                 | 2.84          | 10.98               | 2.77      | 3.22  |
| 0                          | (+32) | 912                        | 230      | 267 | 72                                   | 1.08                 | 3.33          | 12.54               | 3.16      | 3.67  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 45°C (+113°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V1600RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 151                        | 38       | 44  | 41                                    | 0.66                 | 0.58          | 3.77                | 0.95      | 1.10  |
| -35                        | (-31) | 191                        | 48       | 56  | 47                                    | 0.75                 | 0.73          | 4.12                | 1.04      | 1.21  |
| -30                        | (-22) | 246                        | 62       | 72  | 54                                    | 0.84                 | 0.95          | 4.56                | 1.15      | 1.34  |
| -25                        | (-13) | 315                        | 79       | 92  | 61                                    | 0.94                 | 1.22          | 5.07                | 1.28      | 1.49  |
| -20                        | (- 4) | 396                        | 100      | 116 | 69                                    | 1.03                 | 1.55          | 5.68                | 1.43      | 1.66  |
| -15                        | (+ 5) | 487                        | 123      | 143 | 76                                    | 1.12                 | 1.92          | 6.37                | 1.61      | 1.87  |
| -10                        | (+14) | 586                        | 148      | 172 | 82                                    | 1.19                 | 2.33          | 7.16                | 1.80      | 2.10  |
| -5                         | (+23) | 691                        | 174      | 202 | 86                                    | 1.25                 | 2.77          | 8.05                | 2.03      | 2.36  |
| 0                          | (+32) | 799                        | 201      | 234 | 89                                    | 1.29                 | 3.25          | 9.04                | 2.28      | 2.65  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 55°C (+131°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V1600RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 125                        | 31       | 37  | 43                                    | 0.67                 | 0.54          | 2.84                | 0.72      | 0.83  |
| -35                        | (-31) | 157                        | 40       | 46  | 50                                    | 0.77                 | 0.68          | 3.19                | 0.80      | 0.93  |
| -30                        | (-22) | 204                        | 51       | 60  | 59                                    | 0.89                 | 0.89          | 3.54                | 0.89      | 1.04  |
| -25                        | (-13) | 262                        | 66       | 77  | 68                                    | 1.00                 | 1.15          | 3.92                | 0.99      | 1.15  |
| -20                        | (- 4) | 331                        | 83       | 97  | 77                                    | 1.12                 | 1.45          | 4.31                | 1.09      | 1.26  |
| -15                        | (+ 5) | 407                        | 103      | 119 | 86                                    | 1.24                 | 1.80          | 4.72                | 1.19      | 1.38  |
| -10                        | (+14) | 490                        | 123      | 144 | 95                                    | 1.36                 | 2.19          | 5.17                | 1.30      | 1.51  |
| -5                         | (+23) | 577                        | 145      | 169 | 102                                   | 1.46                 | 2.61          | 5.64                | 1.42      | 1.65  |
| 0                          | (+32) | 665                        | 168      | 195 | 108                                   | 1.54                 | 3.06          | 6.14                | 1.55      | 1.80  |

### E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 35°C (+95°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|--------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V2000RPM               |       | Forzada                    |          |     |                                      |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                  | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                               | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                  | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 222                        | 56       | 65  | 47                                   | 0.76                 | 0.77          | 4.73                | 1.19      | 1.39  |
| -35                        | (-31) | 281                        | 71       | 82  | 54                                   | 0.86                 | 0.98          | 5.22                | 1.32      | 1.53  |
| -30                        | (-22) | 359                        | 91       | 105 | 61                                   | 0.96                 | 1.26          | 5.83                | 1.47      | 1.71  |
| -25                        | (-13) | 456                        | 115      | 134 | 69                                   | 1.04                 | 1.60          | 6.59                | 1.66      | 1.93  |
| -20                        | (- 4) | 569                        | 143      | 167 | 76                                   | 1.12                 | 2.01          | 7.51                | 1.89      | 2.20  |
| -15                        | (+ 5) | 696                        | 175      | 204 | 82                                   | 1.18                 | 2.48          | 8.59                | 2.17      | 2.52  |
| -10                        | (+14) | 836                        | 211      | 245 | 86                                   | 1.23                 | 3.00          | 9.86                | 2.49      | 2.89  |
| -5                         | (+23) | 986                        | 249      | 289 | 88                                   | 1.26                 | 3.57          | 11.33               | 2.86      | 3.32  |
| 0                          | (+32) | 1146                       | 289      | 336 | 88                                   | 1.28                 | 4.19          | 13.02               | 3.28      | 3.81  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 45°C (+113°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V2000RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 191                        | 48       | 56  | 50                                    | 0.76                 | 0.73          | 3.90                | 0.98      | 1.14  |
| -35                        | (-31) | 243                        | 61       | 71  | 58                                    | 0.88                 | 0.93          | 4.28                | 1.08      | 1.25  |
| -30                        | (-22) | 313                        | 79       | 92  | 66                                    | 1.00                 | 1.21          | 4.72                | 1.19      | 1.38  |
| -25                        | (-13) | 398                        | 100      | 117 | 75                                    | 1.11                 | 1.55          | 5.23                | 1.32      | 1.53  |
| -20                        | (- 4) | 499                        | 126      | 146 | 84                                    | 1.22                 | 1.95          | 5.84                | 1.47      | 1.71  |
| -15                        | (+ 5) | 611                        | 154      | 179 | 92                                    | 1.32                 | 2.40          | 6.54                | 1.65      | 1.92  |
| -10                        | (+14) | 734                        | 185      | 215 | 99                                    | 1.41                 | 2.92          | 7.36                | 1.86      | 2.16  |
| -5                         | (+23) | 867                        | 218      | 254 | 105                                   | 1.49                 | 3.48          | 8.31                | 2.09      | 2.43  |
| 0                          | (+32) | 1006                       | 253      | 295 | 108                                   | 1.55                 | 4.08          | 9.40                | 2.37      | 2.75  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 55°C (+131°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V2000RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 157                        | 40       | 46  | 51                                    | 0.79                 | 0.68          | 3.00                | 0.76      | 0.88  |
| -35                        | (-31) | 199                        | 50       | 58  | 60                                    | 0.92                 | 0.86          | 3.38                | 0.85      | 0.99  |
| -30                        | (-22) | 257                        | 65       | 75  | 70                                    | 1.06                 | 1.12          | 3.75                | 0.95      | 1.10  |
| -25                        | (-13) | 330                        | 83       | 97  | 81                                    | 1.20                 | 1.44          | 4.13                | 1.04      | 1.21  |
| -20                        | (- 4) | 415                        | 104      | 121 | 92                                    | 1.33                 | 1.82          | 4.52                | 1.14      | 1.33  |
| -15                        | (+ 5) | 510                        | 129      | 149 | 103                                   | 1.46                 | 2.26          | 4.95                | 1.25      | 1.45  |
| -10                        | (+14) | 614                        | 155      | 180 | 113                                   | 1.59                 | 2.75          | 5.42                | 1.37      | 1.59  |
| -5                         | (+23) | 725                        | 183      | 213 | 121                                   | 1.71                 | 3.29          | 5.95                | 1.50      | 1.74  |
| 0                          | (+32) | 842                        | 212      | 247 | 128                                   | 1.82                 | 3.87          | 6.55                | 1.65      | 1.92  |

### E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 35°C (+95°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|--------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V3000RPM               |       | Forzada                    |          |     |                                      |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                  | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                               | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                  | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 334                        | 84       | 98  | 71                                   | 1.10                 | 1.16          | 4.71                | 1.19      | 1.38  |
| -35                        | (-31) | 423                        | 107      | 124 | 81                                   | 1.24                 | 1.47          | 5.22                | 1.31      | 1.53  |
| -30                        | (-22) | 541                        | 136      | 158 | 92                                   | 1.37                 | 1.89          | 5.83                | 1.47      | 1.71  |
| -25                        | (-13) | 684                        | 172      | 201 | 103                                  | 1.51                 | 2.40          | 6.58                | 1.66      | 1.93  |
| -20                        | (- 4) | 853                        | 215      | 250 | 114                                  | 1.64                 | 3.01          | 7.47                | 1.88      | 2.19  |
| -15                        | (+ 5) | 1044                       | 263      | 306 | 123                                  | 1.75                 | 3.71          | 8.53                | 2.15      | 2.50  |
| -10                        | (+14) | 1257                       | 317      | 368 | 130                                  | 1.84                 | 4.51          | 9.77                | 2.46      | 2.86  |
| -5                         | (+23) | 1491                       | 376      | 437 | 134                                  | 1.90                 | 5.40          | 11.21               | 2.82      | 3.28  |
| 0                          | (+32) | 1743                       | 439      | 511 | 135                                  | 1.93                 | 6.38          | 12.86               | 3.24      | 3.77  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 45°C (+113°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V3000RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 289                        | 73       | 85  | 75                                    | 1.11                 | 1.10          | 3.90                | 0.98      | 1.14  |
| -35                        | (-31) | 368                        | 93       | 108 | 87                                    | 1.27                 | 1.41          | 4.29                | 1.08      | 1.26  |
| -30                        | (-22) | 472                        | 119      | 138 | 99                                    | 1.43                 | 1.82          | 4.74                | 1.20      | 1.39  |
| -25                        | (-13) | 599                        | 151      | 176 | 113                                   | 1.60                 | 2.32          | 5.27                | 1.33      | 1.54  |
| -20                        | (- 4) | 748                        | 189      | 219 | 126                                   | 1.76                 | 2.92          | 5.88                | 1.48      | 1.72  |
| -15                        | (+ 5) | 918                        | 231      | 269 | 138                                   | 1.91                 | 3.61          | 6.60                | 1.66      | 1.93  |
| -10                        | (+14) | 1107                       | 279      | 324 | 148                                   | 2.04                 | 4.40          | 7.44                | 1.88      | 2.18  |
| -5                         | (+23) | 1313                       | 331      | 385 | 156                                   | 2.15                 | 5.27          | 8.43                | 2.12      | 2.47  |
| 0                          | (+32) | 1535                       | 387      | 450 | 161                                   | 2.24                 | 6.24          | 9.57                | 2.41      | 2.80  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 55°C (+131°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V3000RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 237                        | 60       | 70  | 76                                    | 1.12                 | 1.02          | 3.08                | 0.78      | 0.90  |
| -35                        | (-31) | 303                        | 76       | 89  | 89                                    | 1.31                 | 1.31          | 3.45                | 0.87      | 1.01  |
| -30                        | (-22) | 391                        | 98       | 114 | 104                                   | 1.50                 | 1.70          | 3.82                | 0.96      | 1.12  |
| -25                        | (-13) | 499                        | 126      | 146 | 120                                   | 1.70                 | 2.18          | 4.21                | 1.06      | 1.23  |
| -20                        | (- 4) | 627                        | 158      | 184 | 136                                   | 1.90                 | 2.75          | 4.62                | 1.17      | 1.36  |
| -15                        | (+ 5) | 772                        | 194      | 226 | 151                                   | 2.09                 | 3.42          | 5.09                | 1.28      | 1.49  |
| -10                        | (+14) | 933                        | 235      | 274 | 165                                   | 2.26                 | 4.18          | 5.63                | 1.42      | 1.65  |
| -5                         | (+23) | 1110                       | 280      | 325 | 177                                   | 2.42                 | 5.03          | 6.24                | 1.57      | 1.83  |
| 0                          | (+32) | 1299                       | 327      | 381 | 187                                   | 2.55                 | 5.97          | 6.96                | 1.75      | 2.04  |

### E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 35°C (+95°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|--------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V3600RPM               |       | Forzada                    |          |     |                                      |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                  | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                               | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                  | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 409                        | 103      | 120 | 88                                   | 1.29                 | 1.42          | 4.67                | 1.18      | 1.37  |
| -35                        | (-31) | 518                        | 131      | 152 | 100                                  | 1.44                 | 1.81          | 5.19                | 1.31      | 1.52  |
| -30                        | (-22) | 659                        | 166      | 193 | 113                                  | 1.60                 | 2.31          | 5.80                | 1.46      | 1.70  |
| -25                        | (-13) | 831                        | 210      | 244 | 127                                  | 1.76                 | 2.92          | 6.53                | 1.64      | 1.91  |
| -20                        | (- 4) | 1034                       | 261      | 303 | 140                                  | 1.93                 | 3.65          | 7.38                | 1.86      | 2.16  |
| -15                        | (+ 5) | 1266                       | 319      | 371 | 152                                  | 2.08                 | 4.50          | 8.37                | 2.11      | 2.45  |
| -10                        | (+14) | 1528                       | 385      | 448 | 162                                  | 2.21                 | 5.48          | 9.52                | 2.40      | 2.79  |
| -5                         | (+23) | 1818                       | 458      | 533 | 169                                  | 2.31                 | 6.58          | 10.84               | 2.73      | 3.18  |
| 0                          | (+32) | 2136                       | 538      | 626 | 172                                  | 2.37                 | 7.82          | 12.35               | 3.11      | 3.62  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 45°C (+113°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V3600RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 335                        | 84       | 98  | 88                                    | 1.27                 | 1.28          | 3.82                | 0.96      | 1.12  |
| -35                        | (-31) | 432                        | 109      | 127 | 103                                   | 1.45                 | 1.66          | 4.23                | 1.07      | 1.24  |
| -30                        | (-22) | 558                        | 141      | 164 | 119                                   | 1.65                 | 2.16          | 4.70                | 1.18      | 1.38  |
| -25                        | (-13) | 712                        | 179      | 209 | 135                                   | 1.85                 | 2.76          | 5.23                | 1.32      | 1.53  |
| -20                        | (- 4) | 892                        | 225      | 261 | 151                                   | 2.05                 | 3.48          | 5.84                | 1.47      | 1.71  |
| -15                        | (+ 5) | 1098                       | 277      | 322 | 167                                   | 2.25                 | 4.32          | 6.55                | 1.65      | 1.92  |
| -10                        | (+14) | 1331                       | 335      | 390 | 180                                   | 2.43                 | 5.28          | 7.36                | 1.86      | 2.16  |
| -5                         | (+23) | 1588                       | 400      | 465 | 192                                   | 2.58                 | 6.37          | 8.31                | 2.09      | 2.43  |
| 0                          | (+32) | 1869                       | 471      | 548 | 200                                   | 2.70                 | 7.59          | 9.39                | 2.37      | 2.75  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 55°C (+131°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V3600RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 275                        | 69       | 80  | 90                                    | 1.28                 | 1.18          | 3.02                | 0.76      | 0.89  |
| -35                        | (-31) | 355                        | 90       | 104 | 106                                   | 1.48                 | 1.53          | 3.39                | 0.85      | 0.99  |
| -30                        | (-22) | 460                        | 116      | 135 | 124                                   | 1.71                 | 2.00          | 3.77                | 0.95      | 1.10  |
| -25                        | (-13) | 589                        | 149      | 173 | 143                                   | 1.95                 | 2.57          | 4.16                | 1.05      | 1.22  |
| -20                        | (- 4) | 742                        | 187      | 217 | 162                                   | 2.19                 | 3.26          | 4.59                | 1.16      | 1.34  |
| -15                        | (+ 5) | 917                        | 231      | 269 | 181                                   | 2.43                 | 4.06          | 5.07                | 1.28      | 1.48  |
| -10                        | (+14) | 1114                       | 281      | 326 | 198                                   | 2.65                 | 4.99          | 5.61                | 1.41      | 1.64  |
| -5                         | (+23) | 1332                       | 336      | 390 | 213                                   | 2.85                 | 6.04          | 6.23                | 1.57      | 1.83  |
| 0                          | (+32) | 1571                       | 396      | 460 | 226                                   | 3.03                 | 7.22          | 6.96                | 1.75      | 2.04  |

### E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 35°C (+95°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|--------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V4500RPM               |       | Forzada                    |          |     |                                      |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                  | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                               | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                  | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 524                        | 132      | 154 | 114                                  | 1.64                 | 1.81          | 4.59                | 1.16      | 1.34  |
| -35                        | (-31) | 675                        | 170      | 198 | 131                                  | 1.85                 | 2.35          | 5.15                | 1.30      | 1.51  |
| -30                        | (-22) | 861                        | 217      | 252 | 149                                  | 2.06                 | 3.01          | 5.78                | 1.46      | 1.69  |
| -25                        | (-13) | 1083                       | 273      | 317 | 166                                  | 2.28                 | 3.80          | 6.49                | 1.64      | 1.90  |
| -20                        | (- 4) | 1341                       | 338      | 393 | 184                                  | 2.49                 | 4.74          | 7.29                | 1.84      | 2.14  |
| -15                        | (+ 5) | 1636                       | 412      | 479 | 200                                  | 2.68                 | 5.82          | 8.20                | 2.07      | 2.40  |
| -10                        | (+14) | 1968                       | 496      | 577 | 214                                  | 2.85                 | 7.05          | 9.23                | 2.33      | 2.71  |
| -5                         | (+23) | 2336                       | 589      | 685 | 226                                  | 2.99                 | 8.46          | 10.40               | 2.62      | 3.05  |
| 0                          | (+32) | 2742                       | 691      | 804 | 234                                  | 3.09                 | 10.03         | 11.70               | 2.95      | 3.43  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 45°C (+113°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V4500RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 433                        | 109      | 127 | 118                                   | 1.68                 | 1.66          | 3.70                | 0.93      | 1.08  |
| -35                        | (-31) | 561                        | 141      | 164 | 137                                   | 1.92                 | 2.16          | 4.13                | 1.04      | 1.21  |
| -30                        | (-22) | 721                        | 182      | 211 | 157                                   | 2.17                 | 2.78          | 4.60                | 1.16      | 1.35  |
| -25                        | (-13) | 914                        | 230      | 268 | 178                                   | 2.42                 | 3.54          | 5.12                | 1.29      | 1.50  |
| -20                        | (- 4) | 1141                       | 287      | 334 | 199                                   | 2.68                 | 4.45          | 5.70                | 1.44      | 1.67  |
| -15                        | (+ 5) | 1401                       | 353      | 410 | 219                                   | 2.93                 | 5.51          | 6.36                | 1.60      | 1.86  |
| -10                        | (+14) | 1694                       | 427      | 496 | 238                                   | 3.16                 | 6.73          | 7.11                | 1.79      | 2.08  |
| -5                         | (+23) | 2022                       | 509      | 592 | 255                                   | 3.37                 | 8.11          | 7.95                | 2.00      | 2.33  |
| 0                          | (+32) | 2383                       | 601      | 698 | 268                                   | 3.54                 | 9.68          | 8.91                | 2.25      | 2.61  |

| CONDICIONES DE PRUEBA:     |       | ARI4                       |          |     | (Temp. de condensación 55°C (+131°F)) |                      |               |                     |           |       |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V4500RPM               |       | Forzada                    |          |     |                                       |                      |               |                     |           |       |
| Temperatura de evaporación |       | Capacidad de refrigeración |          |     | Consumo de potencia                   | Consumo de corriente | Flujo de masa | RANGO DE EFICIENCIA |           |       |
|                            |       | +/- 5%                     |          |     | +/- 5%                                | +/- 5%               | +/- 5%        | +/- 7%              |           |       |
| °C                         | (°F)  | [Btu/h]                    | [kcal/h] | [W] | [W]                                   | [A]                  | [kg/h]        | [Btu/Wh]            | [kcal/Wh] | [W/W] |
| -40                        | (-40) | 352                        | 89       | 103 | 117                                   | 1.68                 | 1.51          | 2.97                | 0.75      | 0.87  |
| -35                        | (-31) | 455                        | 115      | 133 | 138                                   | 1.94                 | 1.97          | 3.33                | 0.84      | 0.98  |
| -30                        | (-22) | 588                        | 148      | 172 | 161                                   | 2.22                 | 2.55          | 3.70                | 0.93      | 1.08  |
| -25                        | (-13) | 751                        | 189      | 220 | 185                                   | 2.52                 | 3.27          | 4.09                | 1.03      | 1.20  |
| -20                        | (- 4) | 944                        | 238      | 277 | 210                                   | 2.82                 | 4.15          | 4.51                | 1.14      | 1.32  |
| -15                        | (+ 5) | 1167                       | 294      | 342 | 234                                   | 3.12                 | 5.18          | 4.98                | 1.25      | 1.46  |
| -10                        | (+14) | 1421                       | 358      | 417 | 258                                   | 3.41                 | 6.37          | 5.50                | 1.39      | 1.61  |
| -5                         | (+23) | 1707                       | 430      | 500 | 279                                   | 3.68                 | 7.74          | 6.10                | 1.54      | 1.79  |
| 0                          | (+32) | 2023                       | 510      | 593 | 299                                   | 3.93                 | 9.29          | 6.77                | 1.71      | 1.98  |



**F - CARACTERÍSTICAS EXTERNAS**

|                                      |  |
|--------------------------------------|--|
| 1 Placa base                         | Universal EUEM                                 |
| 2 Soporte de badeja                  | No   |
| 3 Tubos                              |  |
| 3.1 SUCCIÓN                          | 8.2 +0.12/-0.08 [mm] (0.323" +0.005"/-0.003")  |
| 3.1.1 Material                       | Cobre  |
| 3.1.2 Forma                          | Recto  |
| 3.2 DESCARGA                         | 4.94 +0.08/-0.08 [mm] (0.194" +0.003"/-0.003") |
| 3.2.1 Material                       | Cobre  |
| 3.2.2 Forma                          | Recto  |
| 3.3 PROCESO                          | 6.5 +0.12/-0.08 [mm] (0.256" +0.005"/-0.003")  |
| 3.3.1 Material                       | Cobre  |
| 3.3.2 Forma                          | Recto  |
| 3.4 Tubo enfriador de aceite (Cobre) | No [mm]  |
| 3.5 Sellado del tudo                 | Tampa de Gomma                                 |