

DEFINICIÓN DEL COMPRESOR

| | |
|------------------------------|-----------------|
| Denominación | VEG T8H |
| Voltage / Frecuencia nominal | 230 V 53-150 Hz |
| Código de Ingeniería | 513800022 |

A - APLICACIÓN / CONDICIONES LÍMITES DE TRABAJO

| | | | |
|---|-------------------------------|-----------------------------------|----------------|
| 1 Tipo | Compresor recíproco | | |
| 2 Refrigerante | R-134a | | |
| 3 Voltaje y frecuencia nominal | 230 / 53-150 | [V / Hz] | |
| 4 Tipo de aplicación | | | |
| 4.1 Rango de temperatura de evaporación | -35°C para -10°C | (-31°F para 14°F) | |
| 5 Tipo de motor | BPM | | |
| 6 Torque de Arranque | LST - Bajo Torque de Arranque | | |
| 7 Elemento de control | Tubo capilar | | |
| 8 Enfriamiento del compresor | Rango de voltaje de operación | | |
| | | 50 Hz | 60 Hz |
| 8.1 LBP (32°C Temperatura ambiente) | Estática | 103 para 140 V | 103 para 140 V |
| 8.2 LBP (43°C Temperatura ambiente) | Estática | 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 | 14.2 | [kgf/cm ²] (202 psig) | / °C - °F |
| 9.2 Pico | 15.9 | [kgf/cm ²] (226 psig) | / °C - °F |
| 10 Máxima temperatura de las bobinas | 130 | [°C] | |

B - DATOS MECÁNICOS

| | | |
|--------------------------------|---------------|--|
| 1 Referencia Comercial | 1/4 | [hp] |
| 2 Desplazamiento | 7.95 | [cm ³] (0.485 cu.in) |
| 2.1 Diametro [mm] | 22.500 | |
| 2.2 Curso [mm] | 20.000 | |
| 3 Carga de aceite | 430 | [ml] (14.54 fl.oz.) |
| 3.1 Aceites aprobados | | |
| 3.2 Tipo/Viscosidad del aceite | ESTER / ISO10 | |
| 4 Peso (com carga de aceite) | 11.15 | [kg] (24.58 lb.) |
| 5 Carga de nitrógeno | 0.2 para 0.3 | [kgf/cm ²] (2.84 para 4.27 psig) |

C - DATOS ELÉCTRICOS

| | | |
|--|-------------------------------------|---------------------------|
| 1 Voltaje nominal/Frecuencia/Numero de fases | 230 V 53-150 Hz 3 ~ (Trifásico) | |
| 2 Tipo de Dispositivo de Arranque | Inverter | |
| 2.1 Dispositivo de Arranque | EU155601N00/EU155602B04/EU155602B06 | |
| 3 Capacitor de Arranque | - | [µF(VAC minimo)] |
| 4 Capacitor de marcha | - | [µF(VAC minimo)] |
| 5 Protección del motor | EU155602B04 | |
| 6 Resistencia del motor - bobina arranque | 6.40 | [Ω en 25°C (77°F)] +/- 8% |
| 7 Resistencia del motor - bobina marcha | 6.40 | [Ω en 25°C (77°F)] +/- 8% |
| 8 LRA - Corriente com rotor trabado (50/60 Hz) | 3.30 | [A] - Medido según UL 984 |
| 9 FLA - Corriente a plena carga L/MBP (50/60 Hz) | 3.30 | [A] - Medido según UL 984 |
| 10 FLA - Corriente a plena carga HBP (50/60 Hz) | - | [A] - Medido según UL 984 |
| 11 Institutos de aprobación | CE - UKCA - UL | |

D - PERFORMANCE - DATOS CHECK POINT

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| CONDICIONES DE PRUEBA: @115V1600RPM | | | ASHRAELBP32 Estática | | Temperatura de evaporación (Temp. de condensación) | -23.3°C (-9.94°F) 54.4°C (129.92°F) | | |
| Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| 412 | 104 | 121 | 74 | 0.96 | 2.34 | 5.57 | 1.40 | 1.63 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| CONDICIONES DE PRUEBA: @115V2000RPM | | | ASHRAELBP32 Estática | | Temperatura de evaporación (Temp. de condensación) | -23.3°C (-9.94°F) 54.4°C (129.92°F) | | |
| Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| 530 | 134 | 155 | 94 | 1.17 | 3.01 | 5.67 | 1.43 | 1.66 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| CONDICIONES DE PRUEBA: @115V2250RPM | | | ASHRAELBP32 Estática | | Temperatura de evaporación (Temp. de condensación) | -23.3°C (-9.94°F) 54.4°C (129.92°F) | | |
| Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| 558 | 141 | 164 | 97 | 1.22 | 3.17 | 5.74 | 1.45 | 1.68 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| CONDICIONES DE PRUEBA: @115V2500RPM | | | ASHRAELBP32 Estática | | Temperatura de evaporación (Temp. de condensación) | -23.3°C (-9.94°F) 54.4°C (129.92°F) | | |
| Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| 681 | 172 | 200 | 121 | 1.46 | 3.87 | 5.65 | 1.42 | 1.66 |

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|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| CONDICIONES DE PRUEBA: @115V3000RPM | | | ASHRAELBP32 Estática | | Temperatura de evaporación (Temp. de condensación) | -23.3°C (-9.94°F) 54.4°C (129.92°F) | | |
| Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| 833 | 210 | 244 | 149 | 1.81 | 4.73 | 5.58 | 1.41 | 1.64 |

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|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| CONDICIONES DE PRUEBA: @115V4000RPM | | | ASHRAELBP32 Estática | | Temperatura de evaporación (Temp. de condensación) | -23.3°C (-9.94°F) 54.4°C (129.92°F) | | |
| Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| 1052 | 265 | 308 | 200 | 2.38 | 5.98 | 5.25 | 1.32 | 1.54 |

D - PERFORMANCE - DATOS CHECK POINT

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|--|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA: @115V4500RPM | | | ASHRAELBP32 Estática | | Temperatura de evaporación -23.3°C (-9.94°F) (Temp. de condensación 54.4°C (129.92°F)) | | | |
| Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| 1108 | 279 | 325 | 213 | 2.52 | 6.30 | 5.21 | 1.31 | 1.53 |

E - PERFORMANCE - CURVAS

| | | | | | | | | | | |
|---|-------|--------------------------------------|------------------------------------|-----|---|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA: @115V1600RPM | | | ASHRAE32 Estática | | (Temp. de condensación 45°C (+113°F)) | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 220 | 55 | 64 | 45 | 0.56 | 1.25 | 4.89 | 1.23 | 1.43 |
| -30 | (-22) | 303 | 76 | 89 | 55 | 0.71 | 1.72 | 5.47 | 1.38 | 1.60 |
| -25 | (-13) | 408 | 103 | 119 | 66 | 0.85 | 2.32 | 6.21 | 1.56 | 1.82 |
| -20 | (- 4) | 540 | 136 | 158 | 76 | 0.98 | 3.07 | 7.09 | 1.79 | 2.08 |
| -15 | (+ 5) | 704 | 178 | 206 | 87 | 1.10 | 4.02 | 8.12 | 2.05 | 2.38 |
| -10 | (+14) | 905 | 228 | 265 | 97 | 1.23 | 5.19 | 9.30 | 2.34 | 2.73 |

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|---|-------|--------------------------------------|------------------------------------|-----|---|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA: @115V1600RPM | | | ASHRAE32 Estática | | (Temp. de condensación 55°C (+131°F)) | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 186 | 47 | 55 | 46 | 0.58 | 1.05 | 4.09 | 1.03 | 1.20 |
| -30 | (-22) | 266 | 67 | 78 | 58 | 0.75 | 1.51 | 4.62 | 1.16 | 1.35 |
| -25 | (-13) | 369 | 93 | 108 | 70 | 0.91 | 2.09 | 5.26 | 1.32 | 1.54 |
| -20 | (- 4) | 499 | 126 | 146 | 83 | 1.05 | 2.84 | 6.01 | 1.51 | 1.76 |
| -15 | (+ 5) | 661 | 167 | 194 | 96 | 1.20 | 3.77 | 6.86 | 1.73 | 2.01 |
| -10 | (+14) | 859 | 217 | 252 | 110 | 1.34 | 4.92 | 7.83 | 1.97 | 2.29 |

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|---|-------|--------------------------------------|------------------------------------|-----|---|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA: @115V1600RPM | | | ASHRAE32 Estática | | (Temp. de condensación 65°C (+149°F)) | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 158 | 40 | 46 | 43 | 0.54 | 0.89 | 3.63 | 0.92 | 1.06 |
| -30 | (-22) | 230 | 58 | 67 | 56 | 0.73 | 1.30 | 4.11 | 1.04 | 1.20 |
| -25 | (-13) | 324 | 82 | 95 | 70 | 0.91 | 1.84 | 4.66 | 1.17 | 1.37 |
| -20 | (- 4) | 446 | 112 | 131 | 85 | 1.08 | 2.54 | 5.28 | 1.33 | 1.55 |
| -15 | (+ 5) | 600 | 151 | 176 | 101 | 1.25 | 3.42 | 5.97 | 1.51 | 1.75 |
| -10 | (+14) | 790 | 199 | 232 | 117 | 1.43 | 4.53 | 6.74 | 1.70 | 1.97 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V2000RPM | | Estática | | | | | | | | |
| 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] |
| -35 | (-31) | 274 | 69 | 80 | 58 | 0.71 | 1.55 | 4.72 | 1.19 | 1.38 |
| -30 | (-22) | 381 | 96 | 112 | 71 | 0.88 | 2.16 | 5.39 | 1.36 | 1.58 |
| -25 | (-13) | 521 | 131 | 153 | 84 | 1.05 | 2.96 | 6.21 | 1.56 | 1.82 |
| -20 | (- 4) | 694 | 175 | 203 | 97 | 1.21 | 3.95 | 7.14 | 1.80 | 2.09 |
| -15 | (+ 5) | 894 | 225 | 262 | 109 | 1.36 | 5.10 | 8.15 | 2.05 | 2.39 |
| -10 | (+14) | 1119 | 282 | 328 | 122 | 1.50 | 6.41 | 9.22 | 2.32 | 2.70 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V2000RPM | | Estática | | | | | | | | |
| 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] |
| -35 | (-31) | 264 | 67 | 77 | 59 | 0.73 | 1.50 | 4.40 | 1.11 | 1.29 |
| -30 | (-22) | 355 | 89 | 104 | 74 | 0.93 | 2.01 | 4.87 | 1.23 | 1.43 |
| -25 | (-13) | 478 | 120 | 140 | 88 | 1.12 | 2.71 | 5.45 | 1.37 | 1.60 |
| -20 | (- 4) | 631 | 159 | 185 | 104 | 1.30 | 3.59 | 6.14 | 1.55 | 1.80 |
| -15 | (+ 5) | 811 | 204 | 238 | 118 | 1.46 | 4.63 | 6.89 | 1.74 | 2.02 |
| -10 | (+14) | 1015 | 256 | 298 | 132 | 1.61 | 5.82 | 7.68 | 1.93 | 2.25 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 65°C (+149°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V2000RPM | | Estática | | | | | | | | |
| 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] |
| -35 | (-31) | 205 | 52 | 60 | 56 | 0.69 | 1.16 | 3.71 | 0.93 | 1.09 |
| -30 | (-22) | 303 | 76 | 89 | 72 | 0.92 | 1.72 | 4.20 | 1.06 | 1.23 |
| -25 | (-13) | 433 | 109 | 127 | 90 | 1.14 | 2.46 | 4.79 | 1.21 | 1.40 |
| -20 | (- 4) | 591 | 149 | 173 | 107 | 1.35 | 3.36 | 5.46 | 1.38 | 1.60 |
| -15 | (+ 5) | 775 | 195 | 227 | 125 | 1.54 | 4.42 | 6.19 | 1.56 | 1.81 |
| -10 | (+14) | 981 | 247 | 288 | 142 | 1.72 | 5.62 | 6.93 | 1.75 | 2.03 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V2250RPM | | Estática | | | | | | | | |
| 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] |
| -35 | (-31) | 319 | 80 | 93 | 62 | 0.76 | 1.80 | 5.17 | 1.30 | 1.52 |
| -30 | (-22) | 424 | 107 | 124 | 75 | 0.94 | 2.40 | 5.68 | 1.43 | 1.66 |
| -25 | (-13) | 552 | 139 | 162 | 87 | 1.10 | 3.13 | 6.34 | 1.60 | 1.86 |
| -20 | (- 4) | 707 | 178 | 207 | 99 | 1.24 | 4.02 | 7.14 | 1.80 | 2.09 |
| -15 | (+ 5) | 892 | 225 | 261 | 110 | 1.36 | 5.09 | 8.09 | 2.04 | 2.37 |
| -10 | (+14) | 1112 | 280 | 326 | 121 | 1.48 | 6.37 | 9.17 | 2.31 | 2.69 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @115V2250RPM | | Estática | | | | | | | | |
| 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] | |
| -35 (-31) | 288 | 73 | 84 | 63 | 0.78 | 1.63 | 4.54 | 1.14 | 1.33 | |
| -30 (-22) | 388 | 98 | 114 | 78 | 0.99 | 2.20 | 4.96 | 1.25 | 1.45 | |
| -25 (-13) | 509 | 128 | 149 | 92 | 1.17 | 2.89 | 5.51 | 1.39 | 1.62 | |
| -20 (- 4) | 656 | 165 | 192 | 106 | 1.33 | 3.73 | 6.18 | 1.56 | 1.81 | |
| -15 (+ 5) | 833 | 210 | 244 | 120 | 1.47 | 4.75 | 6.97 | 1.76 | 2.04 | |
| -10 (+14) | 1044 | 263 | 306 | 133 | 1.60 | 5.98 | 7.85 | 1.98 | 2.30 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 65°C (+149°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @115V2250RPM | | Estática | | | | | | | | |
| 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] | |
| -35 (-31) | 230 | 58 | 67 | 60 | 0.75 | 1.30 | 3.84 | 0.97 | 1.13 | |
| -30 (-22) | 329 | 83 | 96 | 77 | 0.99 | 1.86 | 4.27 | 1.08 | 1.25 | |
| -25 (-13) | 449 | 113 | 132 | 93 | 1.20 | 2.55 | 4.80 | 1.21 | 1.41 | |
| -20 (- 4) | 594 | 150 | 174 | 110 | 1.38 | 3.38 | 5.41 | 1.36 | 1.59 | |
| -15 (+ 5) | 769 | 194 | 225 | 126 | 1.55 | 4.39 | 6.11 | 1.54 | 1.79 | |
| -10 (+14) | 977 | 246 | 286 | 142 | 1.71 | 5.60 | 6.89 | 1.74 | 2.02 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @115V2500RPM | | Estática | | | | | | | | |
| 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] | |
| -35 (-31) | 373 | 94 | 109 | 78 | 0.95 | 2.11 | 4.76 | 1.20 | 1.39 | |
| -30 (-22) | 497 | 125 | 146 | 92 | 1.13 | 2.82 | 5.43 | 1.37 | 1.59 | |
| -25 (-13) | 663 | 167 | 194 | 108 | 1.32 | 3.76 | 6.16 | 1.55 | 1.81 | |
| -20 (- 4) | 873 | 220 | 256 | 125 | 1.52 | 4.97 | 6.97 | 1.76 | 2.04 | |
| -15 (+ 5) | 1129 | 285 | 331 | 144 | 1.72 | 6.45 | 7.87 | 1.98 | 2.31 | |
| -10 (+14) | 1436 | 362 | 421 | 162 | 1.92 | 8.23 | 8.87 | 2.24 | 2.60 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @115V2500RPM | | Estática | | | | | | | | |
| 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] | |
| -35 (-31) | 324 | 82 | 95 | 78 | 0.95 | 1.83 | 4.18 | 1.05 | 1.22 | |
| -30 (-22) | 449 | 113 | 132 | 95 | 1.16 | 2.55 | 4.75 | 1.20 | 1.39 | |
| -25 (-13) | 614 | 155 | 180 | 114 | 1.39 | 3.48 | 5.38 | 1.36 | 1.58 | |
| -20 (- 4) | 821 | 207 | 241 | 135 | 1.62 | 4.67 | 6.08 | 1.53 | 1.78 | |
| -15 (+ 5) | 1074 | 271 | 315 | 156 | 1.85 | 6.13 | 6.85 | 1.73 | 2.01 | |
| -10 (+14) | 1375 | 347 | 403 | 178 | 2.07 | 7.88 | 7.73 | 1.95 | 2.27 | |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 65°C (+149°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @115V2500RPM | | Estática | | | | | | | | |
| 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] | |
| -35 (-31) | 273 | 69 | 80 | 74 | 0.91 | 1.54 | 3.67 | 0.93 | 1.08 | |
| -30 (-22) | 390 | 98 | 114 | 94 | 1.15 | 2.21 | 4.18 | 1.05 | 1.23 | |
| -25 (-13) | 545 | 137 | 160 | 115 | 1.41 | 3.10 | 4.74 | 1.19 | 1.39 | |
| -20 (- 4) | 742 | 187 | 217 | 139 | 1.67 | 4.22 | 5.36 | 1.35 | 1.57 | |
| -15 (+ 5) | 983 | 248 | 288 | 163 | 1.93 | 5.61 | 6.05 | 1.52 | 1.77 | |
| -10 (+14) | 1271 | 320 | 372 | 186 | 2.19 | 7.28 | 6.82 | 1.72 | 2.00 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @115V3000RPM | | Estática | | | | | | | | |
| 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] | |
| -35 (-31) | 460 | 116 | 135 | 97 | 1.14 | 2.60 | 4.73 | 1.19 | 1.39 | |
| -30 (-22) | 617 | 155 | 181 | 117 | 1.42 | 3.50 | 5.30 | 1.33 | 1.55 | |
| -25 (-13) | 817 | 206 | 239 | 137 | 1.68 | 4.64 | 5.99 | 1.51 | 1.75 | |
| -20 (- 4) | 1065 | 268 | 312 | 157 | 1.92 | 6.06 | 6.78 | 1.71 | 1.99 | |
| -15 (+ 5) | 1363 | 343 | 399 | 178 | 2.13 | 7.78 | 7.67 | 1.93 | 2.25 | |
| -10 (+14) | 1715 | 432 | 502 | 198 | 2.32 | 9.82 | 8.64 | 2.18 | 2.53 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @115V3000RPM | | Estática | | | | | | | | |
| 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] | |
| -35 (-31) | 394 | 99 | 115 | 94 | 1.18 | 2.23 | 4.16 | 1.05 | 1.22 | |
| -30 (-22) | 550 | 138 | 161 | 117 | 1.46 | 3.11 | 4.70 | 1.18 | 1.38 | |
| -25 (-13) | 750 | 189 | 220 | 141 | 1.73 | 4.26 | 5.32 | 1.34 | 1.56 | |
| -20 (- 4) | 999 | 252 | 293 | 166 | 1.97 | 5.68 | 6.03 | 1.52 | 1.77 | |
| -15 (+ 5) | 1299 | 327 | 381 | 191 | 2.19 | 7.42 | 6.80 | 1.71 | 1.99 | |
| -10 (+14) | 1655 | 417 | 485 | 217 | 2.40 | 9.48 | 7.63 | 1.92 | 2.24 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 65°C (+149°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @115V3000RPM | | Estática | | | | | | | | |
| 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] | |
| -35 (-31) | 301 | 76 | 88 | 86 | 1.02 | 1.70 | 3.51 | 0.88 | 1.03 | |
| -30 (-22) | 459 | 116 | 134 | 113 | 1.38 | 2.60 | 4.08 | 1.03 | 1.19 | |
| -25 (-13) | 662 | 167 | 194 | 140 | 1.72 | 3.76 | 4.71 | 1.19 | 1.38 | |
| -20 (- 4) | 915 | 230 | 268 | 169 | 2.05 | 5.20 | 5.39 | 1.36 | 1.58 | |
| -15 (+ 5) | 1219 | 307 | 357 | 199 | 2.36 | 6.96 | 6.12 | 1.54 | 1.79 | |
| -10 (+14) | 1580 | 398 | 463 | 230 | 2.66 | 9.05 | 6.87 | 1.73 | 2.01 | |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V4000RPM | | Estática | | | | | | | | |
| 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] |
| -35 | (-31) | 565 | 142 | 166 | 128 | 1.47 | 3.20 | 4.43 | 1.12 | 1.30 |
| -30 | (-22) | 779 | 196 | 228 | 155 | 1.78 | 4.41 | 5.00 | 1.26 | 1.47 |
| -25 | (-13) | 1038 | 262 | 304 | 184 | 2.10 | 5.90 | 5.64 | 1.42 | 1.65 |
| -20 | (- 4) | 1351 | 340 | 396 | 213 | 2.41 | 7.69 | 6.35 | 1.60 | 1.86 |
| -15 | (+ 5) | 1725 | 435 | 505 | 242 | 2.73 | 9.85 | 7.14 | 1.80 | 2.09 |
| -10 | (+14) | 2166 | 546 | 635 | 270 | 3.03 | 12.41 | 8.04 | 2.03 | 2.36 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V4000RPM | | Estática | | | | | | | | |
| 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] |
| -35 | (-31) | 501 | 126 | 147 | 127 | 1.45 | 2.83 | 3.94 | 0.99 | 1.15 |
| -30 | (-22) | 701 | 177 | 206 | 158 | 1.79 | 3.98 | 4.46 | 1.12 | 1.31 |
| -25 | (-13) | 949 | 239 | 278 | 189 | 2.14 | 5.39 | 5.02 | 1.27 | 1.47 |
| -20 | (- 4) | 1251 | 315 | 367 | 222 | 2.49 | 7.12 | 5.65 | 1.42 | 1.66 |
| -15 | (+ 5) | 1616 | 407 | 474 | 254 | 2.84 | 9.22 | 6.36 | 1.60 | 1.86 |
| -10 | (+14) | 2051 | 517 | 601 | 286 | 3.18 | 11.75 | 7.16 | 1.80 | 2.10 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 65°C (+149°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V4000RPM | | Estática | | | | | | | | |
| 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] |
| -35 | (-31) | 412 | 104 | 121 | 119 | 1.37 | 2.33 | 3.46 | 0.87 | 1.01 |
| -30 | (-22) | 606 | 153 | 178 | 153 | 1.75 | 3.43 | 3.96 | 1.00 | 1.16 |
| -25 | (-13) | 849 | 214 | 249 | 188 | 2.15 | 4.82 | 4.51 | 1.14 | 1.32 |
| -20 | (- 4) | 1148 | 289 | 336 | 224 | 2.55 | 6.53 | 5.11 | 1.29 | 1.50 |
| -15 | (+ 5) | 1511 | 381 | 443 | 261 | 2.94 | 8.63 | 5.78 | 1.46 | 1.69 |
| -10 | (+14) | 1946 | 490 | 570 | 298 | 3.33 | 11.15 | 6.52 | 1.64 | 1.91 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V4500RPM | | Estática | | | | | | | | |
| 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] |
| -35 | (-31) | 602 | 152 | 176 | 138 | 1.53 | 3.40 | 4.36 | 1.10 | 1.28 |
| -30 | (-22) | 840 | 212 | 246 | 168 | 1.99 | 4.76 | 4.98 | 1.25 | 1.46 |
| -25 | (-13) | 1090 | 275 | 319 | 194 | 2.37 | 6.19 | 5.62 | 1.42 | 1.65 |
| -20 | (- 4) | 1377 | 347 | 404 | 218 | 2.68 | 7.84 | 6.31 | 1.59 | 1.85 |
| -15 | (+ 5) | 1726 | 435 | 506 | 243 | 2.93 | 9.85 | 7.10 | 1.79 | 2.08 |
| -10 | (+14) | 2160 | 544 | 633 | 269 | 3.12 | 12.38 | 8.01 | 2.02 | 2.35 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: @115V4500RPM | | ASHRAE32 Estática | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|--|-------|--------------------------------------|----------|-----|---------------------------------------|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| Temperatura de evaporación | | Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 549 | 138 | 161 | 140 | 1.87 | 3.11 | 3.89 | 0.98 | 1.14 |
| -30 | (-22) | 774 | 195 | 227 | 174 | 2.20 | 4.39 | 4.44 | 1.12 | 1.30 |
| -25 | (-13) | 1011 | 255 | 296 | 203 | 2.45 | 5.74 | 5.00 | 1.26 | 1.46 |
| -20 | (- 4) | 1283 | 323 | 376 | 230 | 2.63 | 7.30 | 5.60 | 1.41 | 1.64 |
| -15 | (+ 5) | 1617 | 408 | 474 | 258 | 2.74 | 9.23 | 6.28 | 1.58 | 1.84 |
| -10 | (+14) | 2036 | 513 | 597 | 287 | 2.79 | 11.67 | 7.07 | 1.78 | 2.07 |

| CONDICIONES DE PRUEBA: @115V4500RPM | | ASHRAE32 Estática | | | (Temp. de condensación 65°C (+149°F)) | | | | | |
|--|-------|--------------------------------------|----------|-----|---------------------------------------|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| Temperatura de evaporación | | Capacidad de refrigeración +/- 5% | | | Consumo de potencia +/- 5% | Consumo de corriente +/- 5% | Flujo de masa +/- 5% | RANGO DE EFICIENCIA +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 435 | 110 | 127 | 128 | 1.40 | 2.46 | 3.40 | 0.86 | 1.00 |
| -30 | (-22) | 663 | 167 | 194 | 166 | 1.95 | 3.76 | 3.95 | 1.00 | 1.16 |
| -25 | (-13) | 902 | 227 | 264 | 200 | 2.42 | 5.12 | 4.50 | 1.13 | 1.32 |
| -20 | (- 4) | 1176 | 296 | 345 | 232 | 2.82 | 6.69 | 5.07 | 1.28 | 1.49 |
| -15 | (+ 5) | 1511 | 381 | 443 | 264 | 3.15 | 8.63 | 5.72 | 1.44 | 1.68 |
| -10 | (+14) | 1931 | 487 | 566 | 298 | 3.42 | 11.06 | 6.46 | 1.63 | 1.89 |

F - CARACTERÍSTICAS EXTERNAS

| | | | |
|--------------------------------------|-------------------------------|------|--------------------------|
| 1 Placa base | Universal EG/F/AMEM version 2 | | |
| 2 Soporte de badeja | No | | |
| 3 Tubos | | | |
| 3.1 SUCCIÓN | 6.5 +0.12/-0.08 | [mm] | (0.256" +0.005"/-0.003") |
| 3.1.1 Material | Cobre | | |
| 3.1.2 Forma | Recto | | |
| 3.2 DESCARGA | 6.5 +0.12/-0.08 | [mm] | (0.256" +0.005"/-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 | | |