

DEFINICIÓN DEL COMPRESOR

| | |
|------------------------------|-----------------|
| Denominación | VEM Z5C |
| Voltage / Frecuencia nominal | 230 V 53-150 Hz |
| Código de Ingeniería | 513902023 |

A - APLICACIÓN / CONDICIONES LÍMITES DE TRABAJO

| | | | |
|---|-------------------------------|-----------------------------------|----------------|
| 1 Tipo | Compresor recíproco | | |
| 2 Refrigerante | R-600a | | |
| 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 | 187 para 255 V | 187 para 255 V |
| 8.2 LBP (43°C Temperatura ambiente) | Estática | 187 para 255 V | 187 para 255 V |
| 8.3 HBP (32°C Temperatura ambiente) | - | - | - |
| 8.4 HBP (43°C Temperatura ambiente) | - | - | - |
| 9 Máxima temperatura de condensación | | | |
| 9.1 Operación | 6.9 | [kgf/cm ²] (98 psig) | / °C - °F |
| 9.2 Pico | 7.8 | [kgf/cm ²] (111 psig) | / °C - °F |
| 10 Máxima temperatura de las bobinas | 130 | [°C] | |

B - DATOS MECÁNICOS

| | | |
|--------------------------------|----------------|----------------------------------|
| 1 Referencia Comercial | 1/10 | [hp] |
| 2 Desplazamiento | 4.99 | [cm ³] (0.305 cu.in) |
| 2.1 Diametro [mm] | 21.000 | |
| 2.2 Curso [mm] | 14.400 | |
| 3 Carga de aceite | 220 | [ml] (7.44 fl.oz.) |
| 3.1 Aceites aprobados | | |
| 3.2 Tipo/Viscosidad del aceite | ALQUILB / ISO5 | |
| 4 Peso (com carga de aceite) | 7.59 | [kg] (16.73 lb.) |
| 5 Carga de nitrógeno | - | [kgf/cm ²] |

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 | VCC32456XXXX | |
| 3 Capacitor de Arranque | - | [µF(VAC minimo)] |
| 4 Capacitor de marcha | - | [µF(VAC minimo)] |
| 5 Protección del motor | VCC32456XXXXX | |
| 6 Resistencia del motor - bobina arranque | 16.07 | [Ω en 25°C (77°F)] +/- 8% |
| 7 Resistencia del motor - bobina marcha | 16.07 | [Ω en 25°C (77°F)] +/- 8% |
| 8 LRA - Corriente com rotor trabado (53/15 Hz) | 2.10/2.10 | [A] - Medido según UL 984 |
| 9 FLA - Corriente a plena carga L/MBP (53/15 Hz) | 2.10/2.10 | [A] - Medido según UL 984 |
| 10 FLA - Corriente a plena carga HBP (53/15 Hz) | - | [A] - Medido según UL 984 |
| 11 Institutos de aprobación | CE - UKCA - VDE | |

D - PERFORMANCE - DATOS CHECK POINT

| | | | | | | | | | |
|---|----------|-----|--------------------------------------|--------------------------------|---|-------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V1600RPM | | | CECOMAFLBP Estática | | Temperatura de evaporación -25°C (-13°F) (Temp. de condensación 55°C (131°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] | |
| 111 | 28 | 33 | 25 | 0.20 | 0.42 | 4.42 | 1.11 | 1.30 | |

| | | | | | | | | | |
|---|----------|-----|--------------------------------------|--------------------------------|---|-------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V2000RPM | | | CECOMAFLBP Estática | | Temperatura de evaporación -25°C (-13°F) (Temp. de condensación 55°C (131°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] | |
| 136 | 34 | 40 | 31 | | 0.52 | 4.46 | 1.12 | 1.31 | |

| | | | | | | | | | |
|---|----------|-----|--------------------------------------|--------------------------------|---|-------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V3000RPM | | | CECOMAFLBP Estática | | Temperatura de evaporación -25°C (-13°F) (Temp. de condensación 55°C (131°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] | |
| 211 | 53 | 62 | 46 | 0.36 | 0.80 | 4.55 | 1.15 | 1.33 | |

| | | | | | | | | | |
|---|----------|-----|--------------------------------------|--------------------------------|---|-------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V4500RPM | | | CECOMAFLBP Estática | | Temperatura de evaporación -25°C (-13°F) (Temp. de condensación 55°C (131°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] | |
| 319 | 80 | 93 | 73 | 0.55 | 1.22 | 4.37 | 1.10 | 1.28 | |

E - PERFORMANCE - CURVAS

| | | | | | | | | | | |
|---|--------------------------------------|------|-----------------------------------|-------------------------------|--|-------------------------|-------------------------------|--------|----------|-----------|
| CONDICIONES DE PRUEBA: @220V1600RPM | | | CECOMAF Estática | | (Temp. de condensación 35°C (+95°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] |
| -35 | (-31) | 92 | 23 | 27 | 17 | 0.14 | 0.29 | 5.33 | 1.34 | 1.56 |
| -30 | (-22) | 120 | 30 | 35 | 20 | 0.17 | 0.39 | 6.13 | 1.55 | 1.80 |
| -25 | (-13) | 156 | 39 | 46 | 22 | 0.19 | 0.50 | 7.04 | 1.77 | 2.06 |
| -20 | (- 4) | 200 | 50 | 58 | 25 | 0.21 | 0.64 | 8.10 | 2.04 | 2.37 |
| -15 | (+ 5) | 254 | 64 | 74 | 27 | 0.23 | 0.82 | 9.38 | 2.36 | 2.75 |
| -10 | (+14) | 321 | 81 | 94 | 29 | 0.24 | 1.04 | 10.93 | 2.76 | 3.20 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V1600RPM | | 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) | 79 | 20 | 23 | 18 | 0.16 | 0.27 | 4.37 | 1.10 | 1.28 |
| -30 | (-22) | 106 | 27 | 31 | 21 | 0.18 | 0.37 | 5.06 | 1.27 | 1.48 |
| -25 | (-13) | 137 | 35 | 40 | 24 | 0.20 | 0.48 | 5.76 | 1.45 | 1.69 |
| -20 | (- 4) | 175 | 44 | 51 | 27 | 0.21 | 0.61 | 6.52 | 1.64 | 1.91 |
| -15 | (+ 5) | 222 | 56 | 65 | 30 | 0.23 | 0.78 | 7.41 | 1.87 | 2.17 |
| -10 | (+14) | 279 | 70 | 82 | 33 | 0.24 | 0.98 | 8.47 | 2.14 | 2.48 |

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V1600RPM | | 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) | 57 | 14 | 17 | 18 | 0.17 | 0.22 | 3.24 | 0.82 | 0.95 |
| -30 | (-22) | 85 | 21 | 25 | 21 | 0.19 | 0.32 | 3.95 | 1.00 | 1.16 |
| -25 | (-13) | 115 | 29 | 34 | 25 | 0.20 | 0.43 | 4.58 | 1.16 | 1.34 |
| -20 | (- 4) | 149 | 37 | 44 | 29 | 0.22 | 0.57 | 5.18 | 1.31 | 1.52 |
| -15 | (+ 5) | 189 | 48 | 56 | 33 | 0.24 | 0.73 | 5.81 | 1.47 | 1.70 |
| -10 | (+14) | 238 | 60 | 70 | 36 | 0.27 | 0.92 | 6.53 | 1.65 | 1.91 |

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|--------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V2000RPM | | 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) | 117 | 29 | 34 | 22 | 0.19 | 0.37 | 5.22 | 1.32 | 1.53 |
| -30 | (-22) | 150 | 38 | 44 | 25 | 0.21 | 0.48 | 5.99 | 1.51 | 1.75 |
| -25 | (-13) | 195 | 49 | 57 | 28 | 0.23 | 0.63 | 6.96 | 1.75 | 2.04 |
| -20 | (- 4) | 254 | 64 | 74 | 31 | 0.26 | 0.81 | 8.15 | 2.05 | 2.39 |
| -15 | (+ 5) | 326 | 82 | 95 | 34 | 0.29 | 1.05 | 9.55 | 2.41 | 2.80 |
| -10 | (+14) | 412 | 104 | 121 | 37 | 0.31 | 1.33 | 11.17 | 2.81 | 3.27 |

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V2000RPM | | 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) | 86 | 22 | 25 | 22 | 0.17 | 0.30 | 3.91 | 0.99 | 1.15 |
| -30 | (-22) | 119 | 30 | 35 | 26 | 0.19 | 0.41 | 4.63 | 1.17 | 1.36 |
| -25 | (-13) | 162 | 41 | 47 | 29 | 0.23 | 0.56 | 5.47 | 1.38 | 1.60 |
| -20 | (- 4) | 215 | 54 | 63 | 33 | 0.26 | 0.75 | 6.44 | 1.62 | 1.89 |
| -15 | (+ 5) | 281 | 71 | 82 | 37 | 0.30 | 0.98 | 7.54 | 1.90 | 2.21 |
| -10 | (+14) | 358 | 90 | 105 | 41 | 0.34 | 1.25 | 8.79 | 2.21 | 2.57 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @220V2000RPM | | 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) | 72 | 18 | 21 | 23 | 0.19 | 0.27 | 3.17 | 0.80 | 0.93 | |
| -30 (-22) | 101 | 25 | 30 | 26 | 0.21 | 0.38 | 3.82 | 0.96 | 1.12 | |
| -25 (-13) | 139 | 35 | 41 | 31 | 0.24 | 0.53 | 4.52 | 1.14 | 1.33 | |
| -20 (- 4) | 185 | 47 | 54 | 35 | 0.28 | 0.71 | 5.27 | 1.33 | 1.54 | |
| -15 (+ 5) | 240 | 61 | 70 | 40 | 0.32 | 0.92 | 6.07 | 1.53 | 1.78 | |
| -10 (+14) | 306 | 77 | 90 | 44 | 0.37 | 1.18 | 6.92 | 1.74 | 2.03 | |

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|--------------------------------------|---------------|---------------------|-----------|-------|--|
| @220V3000RPM | | 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) | 162 | 41 | 48 | 34 | 0.25 | 0.52 | 4.76 | 1.20 | 1.39 | |
| -30 (-22) | 220 | 55 | 64 | 38 | 0.30 | 0.70 | 5.73 | 1.44 | 1.68 | |
| -25 (-13) | 297 | 75 | 87 | 43 | 0.35 | 0.95 | 6.85 | 1.73 | 2.01 | |
| -20 (- 4) | 394 | 99 | 115 | 49 | 0.40 | 1.27 | 8.09 | 2.04 | 2.37 | |
| -15 (+ 5) | 505 | 127 | 148 | 54 | 0.44 | 1.63 | 9.44 | 2.38 | 2.77 | |
| -10 (+14) | 631 | 159 | 185 | 58 | 0.47 | 2.04 | 10.85 | 2.73 | 3.18 | |

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @220V3000RPM | | 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) | 143 | 36 | 42 | 35 | 0.30 | 0.50 | 4.04 | 1.02 | 1.18 | |
| -30 (-22) | 191 | 48 | 56 | 40 | 0.34 | 0.66 | 4.79 | 1.21 | 1.40 | |
| -25 (-13) | 258 | 65 | 76 | 46 | 0.38 | 0.90 | 5.66 | 1.43 | 1.66 | |
| -20 (- 4) | 343 | 86 | 100 | 52 | 0.42 | 1.19 | 6.61 | 1.67 | 1.94 | |
| -15 (+ 5) | 442 | 111 | 130 | 58 | 0.47 | 1.54 | 7.62 | 1.92 | 2.23 | |
| -10 (+14) | 554 | 140 | 162 | 64 | 0.51 | 1.94 | 8.66 | 2.18 | 2.54 | |

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @220V3000RPM | | 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) | 108 | 27 | 32 | 35 | 0.28 | 0.41 | 3.12 | 0.79 | 0.92 | |
| -30 (-22) | 150 | 38 | 44 | 40 | 0.31 | 0.57 | 3.80 | 0.96 | 1.11 | |
| -25 (-13) | 210 | 53 | 62 | 46 | 0.36 | 0.80 | 4.55 | 1.15 | 1.33 | |
| -20 (- 4) | 287 | 72 | 84 | 54 | 0.42 | 1.09 | 5.34 | 1.35 | 1.57 | |
| -15 (+ 5) | 377 | 95 | 110 | 61 | 0.48 | 1.44 | 6.15 | 1.55 | 1.80 | |
| -10 (+14) | 478 | 120 | 140 | 69 | 0.54 | 1.83 | 6.96 | 1.75 | 2.04 | |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|--------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V4500RPM | | 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) | 232 | 59 | 68 | 53 | 0.39 | 0.74 | 4.36 | 1.10 | 1.28 |
| -30 | (-22) | 332 | 84 | 97 | 61 | 0.48 | 1.07 | 5.40 | 1.36 | 1.58 |
| -25 | (-13) | 440 | 111 | 129 | 69 | 0.54 | 1.41 | 6.41 | 1.61 | 1.88 |
| -20 | (- 4) | 557 | 140 | 163 | 75 | 0.60 | 1.79 | 7.42 | 1.87 | 2.17 |
| -15 | (+ 5) | 688 | 173 | 202 | 81 | 0.64 | 2.21 | 8.47 | 2.13 | 2.48 |
| -10 | (+14) | 834 | 210 | 244 | 87 | 0.68 | 2.69 | 9.59 | 2.42 | 2.81 |

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V4500RPM | | 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) | 195 | 49 | 57 | 54 | 0.44 | 0.68 | 3.64 | 0.92 | 1.07 |
| -30 | (-22) | 288 | 73 | 85 | 63 | 0.52 | 1.00 | 4.54 | 1.14 | 1.33 |
| -25 | (-13) | 388 | 98 | 114 | 72 | 0.58 | 1.35 | 5.37 | 1.35 | 1.57 |
| -20 | (- 4) | 497 | 125 | 146 | 81 | 0.64 | 1.73 | 6.18 | 1.56 | 1.81 |
| -15 | (+ 5) | 618 | 156 | 181 | 88 | 0.69 | 2.16 | 7.00 | 1.76 | 2.05 |
| -10 | (+14) | 753 | 190 | 221 | 96 | 0.74 | 2.64 | 7.86 | 1.98 | 2.30 |

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V4500RPM | | 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) | 145 | 37 | 42 | 50 | 0.37 | 0.55 | 2.88 | 0.73 | 0.84 |
| -30 | (-22) | 232 | 58 | 68 | 62 | 0.47 | 0.88 | 3.72 | 0.94 | 1.09 |
| -25 | (-13) | 325 | 82 | 95 | 73 | 0.55 | 1.24 | 4.47 | 1.13 | 1.31 |
| -20 | (- 4) | 426 | 107 | 125 | 83 | 0.63 | 1.63 | 5.16 | 1.30 | 1.51 |
| -15 | (+ 5) | 538 | 135 | 158 | 92 | 0.71 | 2.06 | 5.83 | 1.47 | 1.71 |
| -10 | (+14) | 663 | 167 | 194 | 102 | 0.79 | 2.55 | 6.51 | 1.64 | 1.91 |

F - CARACTERÍSTICAS EXTERNAS

| | |
|--------------------------------------|---|
| 1 Placa base | Padrón Europeo EUEM |
| 2 Soporte de badeja | Sí |
| 3 Tubos | |
| 3.1 SUCCIÓN | 8.1 +0.10/+0.00 [mm] (0.319" +0.004"/+0.000") |
| 3.1.1 Material | Cobre |
| 3.1.2 Forma | Curvo 42° arriba + 45° atrás |
| 3.2 DESCARGA | 5.1 +0.10/+0.00 [mm] (0.201" +0.004"/+0.000") |
| 3.2.1 Material | Cobre |
| 3.2.2 Forma | Curv.Paral.Pl.base +24° atrás |
| 3.3 PROCESO | 6 +0.08/-0.08 [mm] (0.236" +0.003"/-0.003") |
| 3.3.1 Material | Cobre |
| 3.3.2 Forma | Curvo 43° arriba + 45° atrás |
| 3.4 Tubo enfriador de aceite (Cobre) | No [mm] |
| 3.5 Sellado del tudo | Tampa de Gomma |