

DEFINICIÓN DEL COMPRESOR

| | |
|------------------------------|-------------------------|
| Denominación | FMX Y9C |
| Voltage / Frecuencia nominal | 230 V 43 -134 Hz |
| Código de Ingeniería | 513908212 |

A - APLICACIÓN / CONDICIONES LÍMITES DE TRABAJO

| | | | |
|---|-------------------------------|-----------------------------------|-----------|
| 1 Tipo | Compresor recíproco | | |
| 2 Refrigerante | R-600a | | |
| 3 Voltaje y frecuencia nominal | 230 / 43 -134 | [V / Hz] | |
| 4 Tipo de aplicación | | | |
| 4.1 Rango de temperatura de evaporación | -35°C para 0°C | (-31°F para 32°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) | - | - | - |
| 8.2 LBP (43°C Temperatura ambiente) | - | - | - |
| 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 | 1/7 | [hp] |
| 2 Desplazamiento | 8.74 | [cm ³] (0.533 cu.in) |
| 2.1 Diametro [mm] | 22.500 | |
| 2.2 Curso [mm] | 22.000 | |
| 3 Carga de aceite | 175 | [ml] (5.92 fl.oz.) |
| 3.1 Aceites aprobados | | |
| 3.2 Tipo/Viscosidad del aceite | ALQUILB / ISO5 | |
| 4 Peso (com carga de aceite) | 4.9 | [kg] (10.80 lb.) |
| 5 Carga de nitrógeno | - | [kgf/cm ²] |

C - DATOS ELÉCTRICOS

| | | |
|--|--------------------------------|---------------------------|
| 1 Voltaje nominal/Frecuencia/Numero de fases | 230 V 43-134 Hz 3~ (Trifásico) | |
| 2 Tipo de Dispositivo de Arranque | Inverter | |
| 2.1 Dispositivo de Arranque | CF02C05 | |
| 3 Capacitor de Arranque | - | [µF(VAC minimo)] |
| 4 Capacitor de marcha | - | [µF(VAC minimo)] |
| 5 Protección del motor | INVERTER CF02C05 | |
| 6 Resistencia del motor - bobina arranque | 20.00 | [Ω en 25°C (77°F)] +/- 8% |
| 7 Resistencia del motor - bobina marcha | 20.00 | [Ω en 25°C (77°F)] +/- 8% |
| 8 LRA - Corriente com rotor trabado (43 /134 Hz) | - | [A] - Medido según UL 984 |
| 9 FLA - Corriente a plena carga L/MBP (43 /134 Hz) | - | [A] - Medido según UL 984 |
| 10 FLA - Corriente a plena carga HBP (43 /134 Hz) | - | [A] - Medido según UL 984 |
| 11 Institutos de aprobación | UL | |

D - PERFORMANCE - DATOS CHECK POINT

| | | | | | | | | |
|---|----------|-----|--|--------------------------------|---|---|-----------|-------|
| CONDICIONES DE PRUEBA: @115V1300RPM | | | CECOMAF INDIRECT Estática | | Temperatura de evaporación (Temp. de condensación) | -25°C (-13°F) 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] |
| 158 | 40 | 46 | 36 | 0.17 | | 4.34 | 1.09 | 1.27 |

| | | | | | | | | |
|---|----------|-----|--|--------------------------------|---|---|-----------|-------|
| CONDICIONES DE PRUEBA: @115V2000RPM | | | CECOMAF INDIRECT Estática | | Temperatura de evaporación (Temp. de condensación) | -25°C (-13°F) 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] |
| 247 | 62 | 72 | 55 | 0.25 | | 4.52 | 1.14 | 1.32 |

| | | | | | | | | |
|---|----------|-----|--|--------------------------------|---|---|-----------|-------|
| CONDICIONES DE PRUEBA: @115V3000RPM | | | CECOMAF INDIRECT Estática | | Temperatura de evaporación (Temp. de condensación) | -25°C (-13°F) 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] |
| 372 | 94 | 109 | 81 | 0.35 | | 4.59 | 1.16 | 1.34 |

| | | | | | | | | |
|---|----------|-----|--|--------------------------------|---|---|-----------|-------|
| CONDICIONES DE PRUEBA: @115V4000RPM | | | CECOMAF INDIRECT Estática | | Temperatura de evaporación (Temp. de condensación) | -25°C (-13°F) 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] |
| 451 | 114 | 132 | 104 | 0.46 | | 4.34 | 1.09 | 1.27 |

E - PERFORMANCE - CURVAS

| | | | | | | | | | | |
|---|--------------------------------------|------|---------------------------------------|-------------------------------|--|-------------------------|-------------------------------|--------|----------|-----------|
| CONDICIONES DE PRUEBA: @115V1300RPM | | | CECOMAF-IND 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) | 127 | 32 | 37 | 22 | 0.13 | 0.41 | 5.74 | 1.45 | 1.68 |
| -30 | (-22) | 170 | 43 | 50 | 27 | 0.14 | 0.54 | 6.20 | 1.56 | 1.82 |
| -25 | (-13) | 223 | 56 | 65 | 32 | 0.15 | 0.72 | 7.04 | 1.77 | 2.06 |
| -20 | (- 4) | 287 | 72 | 84 | 35 | 0.17 | 0.92 | 8.18 | 2.06 | 2.40 |
| -15 | (+ 5) | 366 | 92 | 107 | 38 | 0.19 | 1.18 | 9.57 | 2.41 | 2.80 |
| -10 | (+14) | 459 | 116 | 135 | 41 | 0.21 | 1.48 | 11.13 | 2.80 | 3.26 |
| -5 | (+23) | 570 | 144 | 167 | 44 | 0.22 | 1.84 | 12.81 | 3.23 | 3.75 |
| 0 | (+32) | 698 | 176 | 205 | 48 | 0.22 | 2.27 | 14.53 | 3.66 | 4.26 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | CECOMAF-IND | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V1300RPM | | 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) | 103 | 26 | 30 | 23 | 0.13 | 0.36 | 4.60 | 1.16 | 1.35 |
| -30 | (-22) | 142 | 36 | 42 | 29 | 0.14 | 0.49 | 4.94 | 1.25 | 1.45 |
| -25 | (-13) | 190 | 48 | 56 | 34 | 0.16 | 0.66 | 5.54 | 1.40 | 1.62 |
| -20 | (- 4) | 248 | 63 | 73 | 39 | 0.19 | 0.87 | 6.34 | 1.60 | 1.86 |
| -15 | (+ 5) | 318 | 80 | 93 | 44 | 0.21 | 1.11 | 7.26 | 1.83 | 2.13 |
| -10 | (+14) | 401 | 101 | 118 | 49 | 0.23 | 1.40 | 8.25 | 2.08 | 2.42 |
| -5 | (+23) | 499 | 126 | 146 | 54 | 0.25 | 1.75 | 9.24 | 2.33 | 2.71 |
| 0 | (+32) | 614 | 155 | 180 | 60 | 0.26 | 2.16 | 10.15 | 2.56 | 2.98 |

| CONDICIONES DE PRUEBA: | | CECOMAF-IND | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @115V1300RPM | | 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) | 78 | 20 | 23 | 22 | 0.13 | 0.30 | 3.53 | 0.89 | 1.03 |
| -30 | (-22) | 115 | 29 | 34 | 29 | 0.15 | 0.44 | 3.85 | 0.97 | 1.13 |
| -25 | (-13) | 158 | 40 | 46 | 36 | 0.17 | 0.60 | 4.32 | 1.09 | 1.26 |
| -20 | (- 4) | 210 | 53 | 61 | 43 | 0.21 | 0.80 | 4.86 | 1.23 | 1.42 |
| -15 | (+ 5) | 271 | 68 | 79 | 51 | 0.24 | 1.04 | 5.42 | 1.37 | 1.59 |
| -10 | (+14) | 344 | 87 | 101 | 59 | 0.27 | 1.32 | 5.93 | 1.49 | 1.74 |
| -5 | (+23) | 430 | 108 | 126 | 68 | 0.29 | 1.66 | 6.32 | 1.59 | 1.85 |
| 0 | (+32) | 531 | 134 | 156 | 78 | 0.30 | 2.05 | 6.52 | 1.64 | 1.91 |

| CONDICIONES DE PRUEBA: | | CECOMAF-IND | | | (Temp. de condensación 35°C (+95°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) | 190 | 48 | 56 | 34 | 0.18 | 0.61 | 5.51 | 1.39 | 1.61 |
| -30 | (-22) | 256 | 65 | 75 | 42 | 0.21 | 0.82 | 6.15 | 1.55 | 1.80 |
| -25 | (-13) | 338 | 85 | 99 | 48 | 0.23 | 1.09 | 7.09 | 1.79 | 2.08 |
| -20 | (- 4) | 439 | 111 | 129 | 53 | 0.25 | 1.41 | 8.25 | 2.08 | 2.42 |
| -15 | (+ 5) | 559 | 141 | 164 | 59 | 0.28 | 1.80 | 9.51 | 2.40 | 2.79 |
| -10 | (+14) | 701 | 177 | 205 | 65 | 0.31 | 2.26 | 10.79 | 2.72 | 3.16 |
| -5 | (+23) | 866 | 218 | 254 | 72 | 0.34 | 2.80 | 11.99 | 3.02 | 3.51 |
| 0 | (+32) | 1057 | 266 | 310 | 82 | 0.37 | 3.44 | 13.00 | 3.28 | 3.81 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | CECOMAF-IND | | | (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) | 159 | 40 | 46 | 35 | 0.18 | 0.55 | 4.53 | 1.14 | 1.33 |
| -30 | (-22) | 218 | 55 | 64 | 44 | 0.21 | 0.76 | 4.97 | 1.25 | 1.46 |
| -25 | (-13) | 291 | 73 | 85 | 51 | 0.24 | 1.01 | 5.70 | 1.44 | 1.67 |
| -20 | (- 4) | 381 | 96 | 112 | 58 | 0.27 | 1.33 | 6.60 | 1.66 | 1.93 |
| -15 | (+ 5) | 490 | 123 | 143 | 65 | 0.30 | 1.71 | 7.59 | 1.91 | 2.22 |
| -10 | (+14) | 618 | 156 | 181 | 72 | 0.34 | 2.16 | 8.57 | 2.16 | 2.51 |
| -5 | (+23) | 768 | 194 | 225 | 81 | 0.38 | 2.70 | 9.44 | 2.38 | 2.76 |
| 0 | (+32) | 943 | 238 | 276 | 93 | 0.43 | 3.32 | 10.10 | 2.54 | 2.96 |

| CONDICIONES DE PRUEBA: | | CECOMAF-IND | | | (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) | 132 | 33 | 39 | 36 | 0.19 | 0.50 | 3.70 | 0.93 | 1.08 |
| -30 | (-22) | 183 | 46 | 54 | 46 | 0.22 | 0.70 | 3.98 | 1.00 | 1.17 |
| -25 | (-13) | 247 | 62 | 72 | 55 | 0.25 | 0.94 | 4.51 | 1.14 | 1.32 |
| -20 | (- 4) | 326 | 82 | 96 | 63 | 0.29 | 1.25 | 5.19 | 1.31 | 1.52 |
| -15 | (+ 5) | 421 | 106 | 123 | 72 | 0.33 | 1.61 | 5.93 | 1.49 | 1.74 |
| -10 | (+14) | 535 | 135 | 157 | 81 | 0.37 | 2.05 | 6.64 | 1.67 | 1.94 |
| -5 | (+23) | 669 | 169 | 196 | 93 | 0.42 | 2.58 | 7.20 | 1.82 | 2.11 |
| 0 | (+32) | 825 | 208 | 242 | 106 | 0.48 | 3.19 | 7.54 | 1.90 | 2.21 |

| CONDICIONES DE PRUEBA: | | CECOMAF-IND | | | (Temp. de condensación 35°C (+95°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) | 266 | 67 | 78 | 52 | 0.24 | 0.85 | 5.10 | 1.28 | 1.49 |
| -30 | (-22) | 376 | 95 | 110 | 64 | 0.27 | 1.21 | 5.90 | 1.49 | 1.73 |
| -25 | (-13) | 506 | 127 | 148 | 74 | 0.32 | 1.62 | 6.84 | 1.72 | 2.00 |
| -20 | (- 4) | 658 | 166 | 193 | 84 | 0.38 | 2.12 | 7.87 | 1.98 | 2.31 |
| -15 | (+ 5) | 838 | 211 | 245 | 94 | 0.43 | 2.69 | 8.94 | 2.25 | 2.62 |
| -10 | (+14) | 1047 | 264 | 307 | 105 | 0.48 | 3.38 | 9.99 | 2.52 | 2.93 |
| -5 | (+23) | 1289 | 325 | 378 | 117 | 0.51 | 4.17 | 10.98 | 2.77 | 3.22 |
| 0 | (+32) | 1568 | 395 | 459 | 132 | 0.52 | 5.09 | 11.86 | 2.99 | 3.48 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | CECOMAF-IND | | | (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) | 218 | 55 | 64 | 53 | 0.24 | 0.76 | 4.15 | 1.04 | 1.21 |
| -30 | (-22) | 317 | 80 | 93 | 65 | 0.28 | 1.10 | 4.81 | 1.21 | 1.41 |
| -25 | (-13) | 434 | 109 | 127 | 77 | 0.33 | 1.51 | 5.61 | 1.41 | 1.64 |
| -20 | (- 4) | 570 | 144 | 167 | 88 | 0.39 | 1.99 | 6.48 | 1.63 | 1.90 |
| -15 | (+ 5) | 730 | 184 | 214 | 99 | 0.45 | 2.55 | 7.39 | 1.86 | 2.16 |
| -10 | (+14) | 917 | 231 | 269 | 111 | 0.51 | 3.21 | 8.27 | 2.08 | 2.42 |
| -5 | (+23) | 1134 | 286 | 332 | 125 | 0.55 | 3.98 | 9.08 | 2.29 | 2.66 |
| 0 | (+32) | 1385 | 349 | 406 | 141 | 0.58 | 4.88 | 9.76 | 2.46 | 2.86 |

| CONDICIONES DE PRUEBA: | | CECOMAF-IND | | | (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) | 183 | 46 | 54 | 52 | 0.24 | 0.70 | 3.49 | 0.88 | 1.02 |
| -30 | (-22) | 270 | 68 | 79 | 67 | 0.29 | 1.03 | 3.97 | 1.00 | 1.16 |
| -25 | (-13) | 372 | 94 | 109 | 81 | 0.35 | 1.42 | 4.58 | 1.15 | 1.34 |
| -20 | (- 4) | 490 | 124 | 144 | 93 | 0.41 | 1.87 | 5.25 | 1.32 | 1.54 |
| -15 | (+ 5) | 629 | 159 | 184 | 107 | 0.49 | 2.41 | 5.95 | 1.50 | 1.74 |
| -10 | (+14) | 793 | 200 | 232 | 121 | 0.55 | 3.04 | 6.61 | 1.66 | 1.94 |
| -5 | (+23) | 983 | 248 | 288 | 137 | 0.61 | 3.78 | 7.18 | 1.81 | 2.11 |
| 0 | (+32) | 1204 | 304 | 353 | 155 | 0.64 | 4.64 | 7.63 | 1.92 | 2.24 |

| CONDICIONES DE PRUEBA: | | CECOMAF-IND | | | (Temp. de condensación 35°C (+95°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) | 316 | 80 | 92 | 64 | 0.30 | 1.01 | 4.91 | 1.24 | 1.44 |
| -30 | (-22) | 462 | 116 | 135 | 82 | 0.37 | 1.48 | 5.65 | 1.42 | 1.66 |
| -25 | (-13) | 647 | 163 | 190 | 100 | 0.45 | 2.07 | 6.43 | 1.62 | 1.89 |
| -20 | (- 4) | 861 | 217 | 252 | 119 | 0.53 | 2.77 | 7.26 | 1.83 | 2.13 |
| -15 | (+ 5) | 1094 | 276 | 320 | 135 | 0.60 | 3.53 | 8.12 | 2.05 | 2.38 |
| -10 | (+14) | 1336 | 337 | 391 | 149 | 0.65 | 4.32 | 9.03 | 2.27 | 2.64 |
| -5 | (+23) | 1578 | 398 | 462 | 158 | 0.67 | 5.10 | 9.96 | 2.51 | 2.92 |
| 0 | (+32) | 1810 | 456 | 530 | 161 | 0.65 | 5.85 | 10.92 | 2.75 | 3.20 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | CECOMAF-IND | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|--------------------------------------|----------|-----|---------------------------------------|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| @115V4000RPM | | Estática | | | | | | | | |
| 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) | 270 | 68 | 79 | 66 | 0.30 | 0.94 | 4.09 | 1.03 | 1.20 |
| -30 | (-22) | 390 | 98 | 114 | 83 | 0.37 | 1.35 | 4.70 | 1.19 | 1.38 |
| -25 | (-13) | 550 | 139 | 161 | 102 | 0.45 | 1.91 | 5.37 | 1.35 | 1.57 |
| -20 | (- 4) | 741 | 187 | 217 | 121 | 0.54 | 2.58 | 6.08 | 1.53 | 1.78 |
| -15 | (+ 5) | 953 | 240 | 279 | 139 | 0.63 | 3.33 | 6.83 | 1.72 | 2.00 |
| -10 | (+14) | 1177 | 297 | 345 | 155 | 0.69 | 4.12 | 7.62 | 1.92 | 2.23 |
| -5 | (+23) | 1402 | 353 | 411 | 166 | 0.73 | 4.92 | 8.45 | 2.13 | 2.48 |
| 0 | (+32) | 1619 | 408 | 474 | 172 | 0.73 | 5.70 | 9.31 | 2.35 | 2.73 |

| CONDICIONES DE PRUEBA: | | CECOMAF-IND | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|--------------------------------------|----------|-----|---------------------------------------|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| @115V4000RPM | | Estática | | | | | | | | |
| 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) | 224 | 56 | 65 | 68 | 0.31 | 0.85 | 3.31 | 0.83 | 0.97 |
| -30 | (-22) | 316 | 80 | 93 | 85 | 0.38 | 1.21 | 3.81 | 0.96 | 1.12 |
| -25 | (-13) | 451 | 114 | 132 | 104 | 0.46 | 1.72 | 4.36 | 1.10 | 1.28 |
| -20 | (- 4) | 619 | 156 | 181 | 124 | 0.55 | 2.36 | 4.96 | 1.25 | 1.45 |
| -15 | (+ 5) | 809 | 204 | 237 | 143 | 0.64 | 3.10 | 5.61 | 1.41 | 1.64 |
| -10 | (+14) | 1013 | 255 | 297 | 161 | 0.72 | 3.89 | 6.30 | 1.59 | 1.84 |
| -5 | (+23) | 1220 | 307 | 358 | 174 | 0.78 | 4.70 | 7.02 | 1.77 | 2.06 |
| 0 | (+32) | 1421 | 358 | 416 | 182 | 0.80 | 5.50 | 7.78 | 1.96 | 2.28 |

F - CARACTERÍSTICAS EXTERNAS

| | | | |
|--------------------------------------|----------------|------|-----------|
| 1 Placa base | | | |
| 2 Soporte de badeja | No | | |
| 3 Tubos | | | |
| 3.1 SUCCIÓN | 6.5 | [mm] | (0.256") |
| 3.1.1 Material | | | |
| 3.1.2 Forma | | | |
| 3.2 DESCARGA | 4.9 | [mm] | (0.193") |
| 3.2.1 Material | | | |
| 3.2.2 Forma | | | |
| 3.3 PROCESO | 6.35 | [mm] | (0.250") |
| 3.3.1 Material | | | |
| 3.3.2 Forma | | | |
| 3.4 Tubo enfriador de aceite (Cobre) | No | [mm] | |
| 3.5 Sellado del tudo | Tampa de Gomma | | |