

DEFINICIÓN DEL COMPRESOR

| | |
|------------------------------|-------------------------|
| Denominación | FMX Y6C |
| Voltage / Frecuencia nominal | 230 V 43 -134 Hz |
| Código de Ingeniería | 513908254 |

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 | 1/10 | [hp] |
| 2 Desplazamiento | 6.23 | [cm ³] (0.380 cu.in) |
| 2.1 Diametro [mm] | 21.000 | |
| 2.2 Curso [mm] | 18.000 | |
| 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) | 4.8 | [kg] (10.58 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 | CF02D01 M 0.0 X | |
| 3 Capacitor de Arranque | - | [µF(VAC minimo)] |
| 4 Capacitor de marcha | - | [µF(VAC minimo)] |
| 5 Protección del motor | INVERTER CF02D01 M 0 | |
| 6 Resistencia del motor - bobina arranque | 18.50 | [Ω en 25°C (77°F)] +/- 8% |
| 7 Resistencia del motor - bobina marcha | 18.50 | [Ω en 25°C (77°F)] +/- 8% |
| 8 LRA - Corriente com rotor trabado (43 /134 Hz) | 1.70 | [A] - Medido según UL 984 |
| 9 FLA - Corriente a plena carga L/MBP (43 /134 Hz) | 1.70 | [A] - Medido según UL 984 |
| 10 FLA - Corriente a plena carga HBP (43 /134 Hz) | 1.70 | [A] - Medido según UL 984 |
| 11 Institutos de aprobación | VDE | |

D - PERFORMANCE - DATOS CHECK POINT

| | | | | | | | | | |
|---|----------|-----|--------------------------------------|--------------------------------|---|-------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V1300RPM | | | 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] | |
| 94 | 24 | 28 | 23 | 0.21 | 0.36 | 4.14 | 1.04 | 1.21 | |

| | | | | | | | | | |
|---|----------|-----|--------------------------------------|--------------------------------|---|-------------------------------|-----------|-------|--|
| 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] | |
| 154 | 39 | 45 | 34 | 0.28 | 0.59 | 4.53 | 1.14 | 1.33 | |

| | | | | | | | | | |
|---|----------|-----|--------------------------------------|--------------------------------|---|-------------------------------|-----------|-------|--|
| 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] | |
| 239 | 60 | 70 | 52 | 0.39 | 0.91 | 4.61 | 1.16 | 1.35 | |

| | | | | | | | | | |
|---|----------|-----|--------------------------------------|--------------------------------|---|-------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V4000RPM | | | 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] | |
| 321 | 81 | 94 | 70 | 0.55 | 1.22 | 4.57 | 1.15 | 1.34 | |

E - PERFORMANCE - CURVAS

| | | | | | | | | | | |
|---|-------|--------------------------------------|-----------------------------------|-----|--|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA: @220V1300RPM | | | 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] | [W/W] |
| -35 | (-31) | 76 | 19 | 22 | 15 | 0.16 | 0.24 | 5.15 | 1.30 | 1.51 |
| -30 | (-22) | 110 | 28 | 32 | 18 | 0.17 | 0.35 | 6.03 | 1.52 | 1.77 |
| -25 | (-13) | 152 | 38 | 44 | 22 | 0.19 | 0.49 | 7.03 | 1.77 | 2.06 |
| -20 | (- 4) | 201 | 51 | 59 | 25 | 0.21 | 0.65 | 8.18 | 2.06 | 2.40 |
| -15 | (+ 5) | 258 | 65 | 76 | 27 | 0.24 | 0.83 | 9.49 | 2.39 | 2.78 |
| -10 | (+14) | 325 | 82 | 95 | 30 | 0.26 | 1.05 | 10.99 | 2.77 | 3.22 |
| -5 | (+23) | 400 | 101 | 117 | 31 | 0.28 | 1.29 | 12.69 | 3.20 | 3.72 |
| 0 | (+32) | 485 | 122 | 142 | 32 | 0.28 | 1.57 | 14.63 | 3.69 | 4.29 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V1300RPM | | 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) | 62 | 16 | 18 | 15 | 0.17 | 0.22 | 4.11 | 1.04 | 1.20 |
| -30 | (-22) | 88 | 22 | 26 | 19 | 0.18 | 0.31 | 4.75 | 1.20 | 1.39 |
| -25 | (-13) | 122 | 31 | 36 | 22 | 0.20 | 0.43 | 5.46 | 1.37 | 1.60 |
| -20 | (- 4) | 164 | 41 | 48 | 26 | 0.23 | 0.57 | 6.24 | 1.57 | 1.83 |
| -15 | (+ 5) | 215 | 54 | 63 | 30 | 0.26 | 0.75 | 7.13 | 1.80 | 2.09 |
| -10 | (+14) | 274 | 69 | 80 | 34 | 0.29 | 0.96 | 8.15 | 2.05 | 2.39 |
| -5 | (+23) | 343 | 86 | 100 | 37 | 0.32 | 1.20 | 9.31 | 2.35 | 2.73 |
| 0 | (+32) | 421 | 106 | 123 | 40 | 0.34 | 1.48 | 10.65 | 2.68 | 3.12 |

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V1300RPM | | 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) | 50 | 13 | 15 | 16 | 0.19 | 0.19 | 3.16 | 0.80 | 0.93 |
| -30 | (-22) | 69 | 17 | 20 | 19 | 0.19 | 0.26 | 3.69 | 0.93 | 1.08 |
| -25 | (-13) | 95 | 24 | 28 | 23 | 0.21 | 0.36 | 4.22 | 1.06 | 1.24 |
| -20 | (- 4) | 130 | 33 | 38 | 27 | 0.24 | 0.50 | 4.76 | 1.20 | 1.40 |
| -15 | (+ 5) | 174 | 44 | 51 | 32 | 0.28 | 0.67 | 5.36 | 1.35 | 1.57 |
| -10 | (+14) | 226 | 57 | 66 | 37 | 0.32 | 0.87 | 6.02 | 1.52 | 1.76 |
| -5 | (+23) | 288 | 73 | 84 | 43 | 0.36 | 1.11 | 6.76 | 1.70 | 1.98 |
| 0 | (+32) | 360 | 91 | 105 | 48 | 0.39 | 1.39 | 7.62 | 1.92 | 2.23 |

| 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) | 128 | 32 | 38 | 23 | 0.20 | 0.41 | 5.43 | 1.37 | 1.59 |
| -30 | (-22) | 179 | 45 | 52 | 28 | 0.22 | 0.57 | 6.29 | 1.59 | 1.84 |
| -25 | (-13) | 238 | 60 | 70 | 33 | 0.26 | 0.76 | 7.24 | 1.83 | 2.12 |
| -20 | (- 4) | 309 | 78 | 91 | 37 | 0.30 | 0.99 | 8.33 | 2.10 | 2.44 |
| -15 | (+ 5) | 394 | 99 | 116 | 41 | 0.34 | 1.27 | 9.58 | 2.42 | 2.81 |
| -10 | (+14) | 497 | 125 | 146 | 45 | 0.38 | 1.60 | 11.06 | 2.79 | 3.24 |
| -5 | (+23) | 620 | 156 | 182 | 48 | 0.40 | 2.00 | 12.80 | 3.23 | 3.75 |
| 0 | (+32) | 766 | 193 | 224 | 52 | 0.41 | 2.49 | 14.85 | 3.74 | 4.35 |

E - PERFORMANCE - CURVAS

| 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) | 95 | 24 | 28 | 23 | 0.22 | 0.33 | 4.25 | 1.07 | 1.25 |
| -30 | (-22) | 141 | 36 | 41 | 28 | 0.24 | 0.49 | 4.98 | 1.26 | 1.46 |
| -25 | (-13) | 195 | 49 | 57 | 34 | 0.28 | 0.68 | 5.73 | 1.44 | 1.68 |
| -20 | (- 4) | 259 | 65 | 76 | 40 | 0.33 | 0.90 | 6.52 | 1.64 | 1.91 |
| -15 | (+ 5) | 336 | 85 | 98 | 45 | 0.38 | 1.17 | 7.42 | 1.87 | 2.18 |
| -10 | (+14) | 429 | 108 | 126 | 50 | 0.43 | 1.50 | 8.46 | 2.13 | 2.48 |
| -5 | (+23) | 540 | 136 | 158 | 56 | 0.47 | 1.90 | 9.69 | 2.44 | 2.84 |
| 0 | (+32) | 673 | 170 | 197 | 61 | 0.50 | 2.37 | 11.16 | 2.81 | 3.27 |

| 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) | 71 | 18 | 21 | 23 | 0.23 | 0.27 | 3.12 | 0.79 | 0.91 |
| -30 | (-22) | 112 | 28 | 33 | 29 | 0.25 | 0.43 | 3.85 | 0.97 | 1.13 |
| -25 | (-13) | 159 | 40 | 47 | 35 | 0.29 | 0.61 | 4.52 | 1.14 | 1.32 |
| -20 | (- 4) | 215 | 54 | 63 | 42 | 0.34 | 0.82 | 5.17 | 1.30 | 1.51 |
| -15 | (+ 5) | 283 | 71 | 83 | 48 | 0.40 | 1.08 | 5.84 | 1.47 | 1.71 |
| -10 | (+14) | 365 | 92 | 107 | 55 | 0.46 | 1.40 | 6.58 | 1.66 | 1.93 |
| -5 | (+23) | 465 | 117 | 136 | 62 | 0.51 | 1.79 | 7.44 | 1.87 | 2.18 |
| 0 | (+32) | 585 | 147 | 171 | 70 | 0.55 | 2.25 | 8.45 | 2.13 | 2.48 |

| 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) | 186 | 47 | 54 | 36 | 0.29 | 0.60 | 5.20 | 1.31 | 1.52 |
| -30 | (-22) | 256 | 64 | 75 | 42 | 0.32 | 0.82 | 6.05 | 1.52 | 1.77 |
| -25 | (-13) | 347 | 87 | 102 | 50 | 0.37 | 1.11 | 6.99 | 1.76 | 2.05 |
| -20 | (- 4) | 460 | 116 | 135 | 57 | 0.44 | 1.48 | 8.05 | 2.03 | 2.36 |
| -15 | (+ 5) | 596 | 150 | 175 | 64 | 0.50 | 1.92 | 9.28 | 2.34 | 2.72 |
| -10 | (+14) | 754 | 190 | 221 | 71 | 0.55 | 2.43 | 10.72 | 2.70 | 3.14 |
| -5 | (+23) | 935 | 236 | 274 | 75 | 0.58 | 3.02 | 12.39 | 3.12 | 3.63 |
| 0 | (+32) | 1139 | 287 | 334 | 78 | 0.56 | 3.69 | 14.35 | 3.62 | 4.20 |

E - PERFORMANCE - CURVAS

| 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) | 156 | 39 | 46 | 36 | 0.31 | 0.54 | 4.30 | 1.08 | 1.26 |
| -30 | (-22) | 218 | 55 | 64 | 43 | 0.33 | 0.76 | 5.05 | 1.27 | 1.48 |
| -25 | (-13) | 300 | 76 | 88 | 52 | 0.39 | 1.04 | 5.81 | 1.46 | 1.70 |
| -20 | (- 4) | 401 | 101 | 117 | 60 | 0.47 | 1.40 | 6.61 | 1.67 | 1.94 |
| -15 | (+ 5) | 521 | 131 | 153 | 69 | 0.55 | 1.82 | 7.49 | 1.89 | 2.20 |
| -10 | (+14) | 661 | 167 | 194 | 78 | 0.62 | 2.32 | 8.49 | 2.14 | 2.49 |
| -5 | (+23) | 822 | 207 | 241 | 85 | 0.67 | 2.89 | 9.64 | 2.43 | 2.83 |
| 0 | (+32) | 1003 | 253 | 294 | 91 | 0.68 | 3.53 | 10.99 | 2.77 | 3.22 |

| 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) | 109 | 27 | 32 | 37 | 0.33 | 0.41 | 2.95 | 0.74 | 0.86 |
| -30 | (-22) | 166 | 42 | 49 | 44 | 0.35 | 0.63 | 3.79 | 0.96 | 1.11 |
| -25 | (-13) | 239 | 60 | 70 | 53 | 0.40 | 0.91 | 4.56 | 1.15 | 1.34 |
| -20 | (- 4) | 329 | 83 | 96 | 62 | 0.48 | 1.26 | 5.28 | 1.33 | 1.55 |
| -15 | (+ 5) | 436 | 110 | 128 | 73 | 0.57 | 1.67 | 5.99 | 1.51 | 1.76 |
| -10 | (+14) | 561 | 141 | 164 | 83 | 0.65 | 2.15 | 6.74 | 1.70 | 1.98 |
| -5 | (+23) | 703 | 177 | 206 | 93 | 0.72 | 2.71 | 7.56 | 1.91 | 2.22 |
| 0 | (+32) | 863 | 218 | 253 | 102 | 0.75 | 3.33 | 8.49 | 2.14 | 2.49 |

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|--------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V4000RPM | | 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) | 211 | 53 | 62 | 47 | 0.35 | 0.68 | 4.52 | 1.14 | 1.33 |
| -30 | (-22) | 308 | 78 | 90 | 56 | 0.44 | 0.99 | 5.45 | 1.37 | 1.60 |
| -25 | (-13) | 422 | 106 | 124 | 67 | 0.53 | 1.36 | 6.32 | 1.59 | 1.85 |
| -20 | (- 4) | 559 | 141 | 164 | 78 | 0.62 | 1.80 | 7.19 | 1.81 | 2.11 |
| -15 | (+ 5) | 724 | 182 | 212 | 89 | 0.70 | 2.33 | 8.14 | 2.05 | 2.38 |
| -10 | (+14) | 924 | 233 | 271 | 100 | 0.78 | 2.98 | 9.23 | 2.33 | 2.71 |
| -5 | (+23) | 1164 | 293 | 341 | 110 | 0.85 | 3.76 | 10.54 | 2.66 | 3.09 |
| 0 | (+32) | 1450 | 365 | 425 | 120 | 0.92 | 4.71 | 12.14 | 3.06 | 3.56 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V4000RPM | | 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) | 182 | 46 | 53 | 47 | 0.37 | 0.63 | 3.90 | 0.98 | 1.14 |
| -30 | (-22) | 268 | 68 | 79 | 57 | 0.46 | 0.93 | 4.70 | 1.18 | 1.38 |
| -25 | (-13) | 368 | 93 | 108 | 68 | 0.55 | 1.28 | 5.38 | 1.36 | 1.58 |
| -20 | (- 4) | 487 | 123 | 143 | 81 | 0.64 | 1.70 | 6.02 | 1.52 | 1.77 |
| -15 | (+ 5) | 632 | 159 | 185 | 94 | 0.73 | 2.21 | 6.69 | 1.69 | 1.96 |
| -10 | (+14) | 807 | 203 | 237 | 108 | 0.83 | 2.83 | 7.45 | 1.88 | 2.18 |
| -5 | (+23) | 1020 | 257 | 299 | 122 | 0.92 | 3.58 | 8.38 | 2.11 | 2.46 |
| 0 | (+32) | 1276 | 322 | 374 | 136 | 1.01 | 4.49 | 9.55 | 2.41 | 2.80 |

| CONDICIONES DE PRUEBA: | | CECOMAF | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V4000RPM | | 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) | 144 | 36 | 42 | 47 | 0.39 | 0.55 | 3.03 | 0.76 | 0.89 |
| -30 | (-22) | 218 | 55 | 64 | 57 | 0.48 | 0.83 | 3.82 | 0.96 | 1.12 |
| -25 | (-13) | 303 | 76 | 89 | 68 | 0.57 | 1.15 | 4.45 | 1.12 | 1.30 |
| -20 | (- 4) | 404 | 102 | 118 | 81 | 0.67 | 1.54 | 4.98 | 1.26 | 1.46 |
| -15 | (+ 5) | 526 | 133 | 154 | 96 | 0.77 | 2.02 | 5.49 | 1.38 | 1.61 |
| -10 | (+14) | 677 | 171 | 198 | 112 | 0.87 | 2.60 | 6.05 | 1.52 | 1.77 |
| -5 | (+23) | 862 | 217 | 253 | 128 | 0.98 | 3.32 | 6.72 | 1.69 | 1.97 |
| 0 | (+32) | 1087 | 274 | 318 | 145 | 1.09 | 4.18 | 7.58 | 1.91 | 2.22 |

F - CARACTERÍSTICAS EXTERNAS

| | | | |
|--------------------------------------|----------------|------|-----------|
| 1 Placa base | | | |
| 2 Soporte de badeja | Sí | | |
| 3 Tubos | | | |
| 3.1 SUCCIÓN | 6.1 | [mm] | (0.240") |
| 3.1.1 Material | | | |
| 3.1.2 Forma | | | |
| 3.2 DESCARGA | 5.1 | [mm] | (0.201") |
| 3.2.1 Material | | | |
| 3.2.2 Forma | | | |
| 3.3 PROCESO | 6 | [mm] | (0.236") |
| 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 | | |