

DEFINICIÓN DEL COMPRESOR

| | |
|------------------------------|-------------------------|
| Denominación | FMX Y4C |
| Voltage / Frecuencia nominal | 230 V 43 -134 Hz |
| Código de Ingeniería | 513908830 |

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 | 1/16 | [hp] |
| 2 Desplazamiento | 3.97 | [cm ³] (0.242 cu.in) |
| 2.1 Diametro [mm] | 19.000 | |
| 2.2 Curso [mm] | 14.000 | |
| 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 | CF02E01 M0.0 X | |
| 3 Capacitor de Arranque | - | [µF(VAC minimo)] |
| 4 Capacitor de marcha | - | [µF(VAC minimo)] |
| 5 Protección del motor | INVERTER FMX CF02E01 | |
| 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 | CCC - VDE | |

D - PERFORMANCE - DATOS CHECK POINT

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|--|--|-----------|-------|
| CONDICIONES DE PRUEBA: @220V1300RPM | | | 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] |
| 72 | 18 | 21 | 15 | 0.16 | 0.23 | 4.86 | 1.22 | 1.42 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|--|--|-----------|-------|
| CONDICIONES DE PRUEBA: @220V2000RPM | | | 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] |
| 119 | 30 | 35 | 23 | 0.19 | 0.37 | 5.13 | 1.29 | 1.50 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|--|--|-----------|-------|
| CONDICIONES DE PRUEBA: @220V3000RPM | | | 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] |
| 172 | 43 | 50 | 32 | 0.26 | 0.54 | 5.39 | 1.36 | 1.58 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|--|--|-----------|-------|
| CONDICIONES DE PRUEBA: @220V4000RPM | | | 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] |
| 241 | 61 | 71 | 45 | 0.35 | 0.76 | 5.36 | 1.35 | 1.57 |

E - PERFORMANCE - CURVAS

| | | | | | | | | | | |
|---|--------------------------------------|------|------------------------------------|-------------------------------|--|-------------------------|-------------------------------|--------|----------|-----------|
| CONDICIONES DE PRUEBA: @220V1300RPM | | | ASHRAE32 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) | 50 | 13 | 15 | 10 | 0.13 | 0.16 | 5.27 | 1.33 | 1.55 |
| -30 | (-22) | 71 | 18 | 21 | 11 | 0.14 | 0.22 | 6.29 | 1.58 | 1.84 |
| -25 | (-13) | 96 | 24 | 28 | 13 | 0.15 | 0.30 | 7.36 | 1.86 | 2.16 |
| -20 | (- 4) | 127 | 32 | 37 | 15 | 0.16 | 0.40 | 8.56 | 2.16 | 2.51 |
| -15 | (+ 5) | 164 | 41 | 48 | 16 | 0.17 | 0.52 | 9.96 | 2.51 | 2.92 |
| -10 | (+14) | 208 | 52 | 61 | 18 | 0.18 | 0.66 | 11.63 | 2.93 | 3.41 |
| -5 | (+23) | 261 | 66 | 77 | 19 | 0.19 | 0.83 | 13.65 | 3.44 | 4.00 |
| 0 | (+32) | 323 | 81 | 95 | 21 | 0.20 | 1.02 | 16.08 | 4.05 | 4.71 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 37 | 9 | 11 | 9 | 0.13 | 0.12 | 3.94 | 0.99 | 1.16 |
| -30 | (-22) | 59 | 15 | 17 | 12 | 0.15 | 0.19 | 5.13 | 1.29 | 1.50 |
| -25 | (-13) | 85 | 21 | 25 | 14 | 0.16 | 0.27 | 6.22 | 1.57 | 1.82 |
| -20 | (- 4) | 115 | 29 | 34 | 16 | 0.17 | 0.36 | 7.27 | 1.83 | 2.13 |
| -15 | (+ 5) | 151 | 38 | 44 | 18 | 0.19 | 0.48 | 8.37 | 2.11 | 2.45 |
| -10 | (+14) | 193 | 49 | 57 | 20 | 0.20 | 0.61 | 9.59 | 2.42 | 2.81 |
| -5 | (+23) | 243 | 61 | 71 | 22 | 0.21 | 0.77 | 10.99 | 2.77 | 3.22 |
| 0 | (+32) | 301 | 76 | 88 | 24 | 0.23 | 0.95 | 12.65 | 3.19 | 3.71 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 12 | 3 | 4 | 7 | 0.11 | 0.04 | 1.69 | 0.43 | 0.49 |
| -30 | (-22) | 38 | 9 | 11 | 11 | 0.14 | 0.12 | 3.31 | 0.84 | 0.97 |
| -25 | (-13) | 66 | 17 | 19 | 14 | 0.16 | 0.21 | 4.68 | 1.18 | 1.37 |
| -20 | (- 4) | 98 | 25 | 29 | 17 | 0.18 | 0.31 | 5.87 | 1.48 | 1.72 |
| -15 | (+ 5) | 134 | 34 | 39 | 19 | 0.19 | 0.42 | 6.94 | 1.75 | 2.03 |
| -10 | (+14) | 176 | 44 | 52 | 22 | 0.21 | 0.55 | 7.97 | 2.01 | 2.34 |
| -5 | (+23) | 224 | 56 | 66 | 25 | 0.23 | 0.71 | 9.03 | 2.28 | 2.65 |
| 0 | (+32) | 280 | 70 | 82 | 27 | 0.25 | 0.89 | 10.19 | 2.57 | 2.99 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 79 | 20 | 23 | 15 | 0.16 | 0.25 | 5.32 | 1.34 | 1.56 |
| -30 | (-22) | 108 | 27 | 32 | 17 | 0.17 | 0.34 | 6.34 | 1.60 | 1.86 |
| -25 | (-13) | 147 | 37 | 43 | 20 | 0.19 | 0.46 | 7.29 | 1.84 | 2.14 |
| -20 | (- 4) | 196 | 49 | 57 | 23 | 0.22 | 0.62 | 8.35 | 2.10 | 2.45 |
| -15 | (+ 5) | 255 | 64 | 75 | 26 | 0.24 | 0.80 | 9.69 | 2.44 | 2.84 |
| -10 | (+14) | 325 | 82 | 95 | 29 | 0.25 | 1.03 | 11.48 | 2.89 | 3.36 |
| -5 | (+23) | 406 | 102 | 119 | 29 | 0.26 | 1.28 | 13.88 | 3.50 | 4.07 |
| 0 | (+32) | 498 | 126 | 146 | 28 | 0.25 | 1.58 | 17.07 | 4.30 | 5.00 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 57 | 14 | 17 | 14 | 0.16 | 0.18 | 3.99 | 1.01 | 1.17 |
| -30 | (-22) | 88 | 22 | 26 | 17 | 0.17 | 0.27 | 5.34 | 1.34 | 1.56 |
| -25 | (-13) | 127 | 32 | 37 | 20 | 0.20 | 0.40 | 6.40 | 1.61 | 1.87 |
| -20 | (- 4) | 176 | 44 | 51 | 24 | 0.23 | 0.55 | 7.34 | 1.85 | 2.15 |
| -15 | (+ 5) | 234 | 59 | 68 | 28 | 0.26 | 0.74 | 8.34 | 2.10 | 2.44 |
| -10 | (+14) | 302 | 76 | 88 | 31 | 0.29 | 0.95 | 9.57 | 2.41 | 2.81 |
| -5 | (+23) | 380 | 96 | 111 | 34 | 0.31 | 1.20 | 11.20 | 2.82 | 3.28 |
| 0 | (+32) | 469 | 118 | 137 | 35 | 0.32 | 1.49 | 13.39 | 3.37 | 3.92 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 40 | 10 | 12 | 13 | 0.15 | 0.13 | 3.06 | 0.77 | 0.90 |
| -30 | (-22) | 71 | 18 | 21 | 15 | 0.16 | 0.22 | 4.81 | 1.21 | 1.41 |
| -25 | (-13) | 110 | 28 | 32 | 18 | 0.19 | 0.34 | 6.05 | 1.52 | 1.77 |
| -20 | (- 4) | 157 | 40 | 46 | 23 | 0.22 | 0.49 | 6.96 | 1.75 | 2.04 |
| -15 | (+ 5) | 213 | 54 | 62 | 28 | 0.26 | 0.67 | 7.70 | 1.94 | 2.26 |
| -10 | (+14) | 278 | 70 | 82 | 33 | 0.30 | 0.88 | 8.46 | 2.13 | 2.48 |
| -5 | (+23) | 353 | 89 | 103 | 37 | 0.33 | 1.12 | 9.38 | 2.36 | 2.75 |
| 0 | (+32) | 437 | 110 | 128 | 41 | 0.35 | 1.39 | 10.66 | 2.69 | 3.12 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 107 | 27 | 31 | 25 | 0.22 | 0.34 | 4.31 | 1.09 | 1.26 |
| -30 | (-22) | 155 | 39 | 45 | 27 | 0.23 | 0.49 | 5.85 | 1.47 | 1.71 |
| -25 | (-13) | 217 | 55 | 64 | 31 | 0.26 | 0.68 | 6.97 | 1.76 | 2.04 |
| -20 | (- 4) | 293 | 74 | 86 | 37 | 0.31 | 0.92 | 7.96 | 2.00 | 2.33 |
| -15 | (+ 5) | 383 | 96 | 112 | 42 | 0.35 | 1.20 | 9.12 | 2.30 | 2.67 |
| -10 | (+14) | 488 | 123 | 143 | 46 | 0.38 | 1.54 | 10.76 | 2.71 | 3.15 |
| -5 | (+23) | 608 | 153 | 178 | 46 | 0.38 | 1.92 | 13.18 | 3.32 | 3.86 |
| 0 | (+32) | 744 | 187 | 218 | 42 | 0.34 | 2.36 | 16.69 | 4.21 | 4.89 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 95 | 24 | 28 | 25 | 0.21 | 0.30 | 3.84 | 0.97 | 1.12 |
| -30 | (-22) | 138 | 35 | 40 | 25 | 0.21 | 0.43 | 5.55 | 1.40 | 1.63 |
| -25 | (-13) | 195 | 49 | 57 | 30 | 0.25 | 0.61 | 6.66 | 1.68 | 1.95 |
| -20 | (- 4) | 267 | 67 | 78 | 36 | 0.30 | 0.84 | 7.47 | 1.88 | 2.19 |
| -15 | (+ 5) | 354 | 89 | 104 | 43 | 0.36 | 1.11 | 8.28 | 2.09 | 2.43 |
| -10 | (+14) | 456 | 115 | 134 | 48 | 0.41 | 1.44 | 9.39 | 2.37 | 2.75 |
| -5 | (+23) | 574 | 145 | 168 | 52 | 0.43 | 1.81 | 11.11 | 2.80 | 3.25 |
| 0 | (+32) | 708 | 178 | 207 | 51 | 0.42 | 2.24 | 13.73 | 3.46 | 4.02 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 64 | 16 | 19 | 20 | 0.20 | 0.20 | 3.18 | 0.80 | 0.93 |
| -30 | (-22) | 105 | 26 | 31 | 20 | 0.20 | 0.33 | 5.18 | 1.31 | 1.52 |
| -25 | (-13) | 160 | 40 | 47 | 25 | 0.23 | 0.50 | 6.41 | 1.61 | 1.88 |
| -20 | (- 4) | 230 | 58 | 67 | 32 | 0.29 | 0.72 | 7.16 | 1.80 | 2.10 |
| -15 | (+ 5) | 315 | 79 | 92 | 41 | 0.35 | 0.99 | 7.73 | 1.95 | 2.26 |
| -10 | (+14) | 416 | 105 | 122 | 49 | 0.41 | 1.31 | 8.43 | 2.12 | 2.47 |
| -5 | (+23) | 534 | 135 | 156 | 56 | 0.46 | 1.69 | 9.55 | 2.41 | 2.80 |
| 0 | (+32) | 668 | 168 | 196 | 59 | 0.47 | 2.12 | 11.41 | 2.88 | 3.34 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 152 | 38 | 45 | 35 | 0.30 | 0.48 | 4.32 | 1.09 | 1.27 |
| -30 | (-22) | 209 | 53 | 61 | 37 | 0.30 | 0.65 | 5.72 | 1.44 | 1.68 |
| -25 | (-13) | 285 | 72 | 83 | 43 | 0.34 | 0.89 | 6.69 | 1.69 | 1.96 |
| -20 | (- 4) | 383 | 96 | 112 | 50 | 0.40 | 1.20 | 7.55 | 1.90 | 2.21 |
| -15 | (+ 5) | 505 | 127 | 148 | 58 | 0.46 | 1.59 | 8.62 | 2.17 | 2.53 |
| -10 | (+14) | 654 | 165 | 192 | 64 | 0.51 | 2.06 | 10.20 | 2.57 | 2.99 |
| -5 | (+23) | 832 | 210 | 244 | 66 | 0.53 | 2.63 | 12.62 | 3.18 | 3.70 |
| 0 | (+32) | 1041 | 262 | 305 | 63 | 0.50 | 3.30 | 16.18 | 4.08 | 4.74 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 112 | 28 | 33 | 34 | 0.31 | 0.35 | 3.25 | 0.82 | 0.95 |
| -30 | (-22) | 174 | 44 | 51 | 34 | 0.31 | 0.55 | 5.20 | 1.31 | 1.52 |
| -25 | (-13) | 253 | 64 | 74 | 40 | 0.35 | 0.79 | 6.42 | 1.62 | 1.88 |
| -20 | (- 4) | 352 | 89 | 103 | 49 | 0.42 | 1.11 | 7.26 | 1.83 | 2.13 |
| -15 | (+ 5) | 472 | 119 | 138 | 59 | 0.50 | 1.49 | 8.00 | 2.02 | 2.35 |
| -10 | (+14) | 617 | 155 | 181 | 68 | 0.58 | 1.95 | 8.98 | 2.26 | 2.63 |
| -5 | (+23) | 788 | 199 | 231 | 75 | 0.63 | 2.49 | 10.51 | 2.65 | 3.08 |
| 0 | (+32) | 988 | 249 | 289 | 78 | 0.64 | 3.13 | 12.89 | 3.25 | 3.78 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 73 | 18 | 21 | 26 | 0.24 | 0.23 | 2.90 | 0.73 | 0.85 |
| -30 | (-22) | 140 | 35 | 41 | 25 | 0.23 | 0.44 | 5.39 | 1.36 | 1.58 |
| -25 | (-13) | 221 | 56 | 65 | 31 | 0.28 | 0.69 | 6.89 | 1.74 | 2.02 |
| -20 | (- 4) | 319 | 80 | 94 | 42 | 0.37 | 1.00 | 7.70 | 1.94 | 2.26 |
| -15 | (+ 5) | 437 | 110 | 128 | 54 | 0.47 | 1.38 | 8.14 | 2.05 | 2.39 |
| -10 | (+14) | 576 | 145 | 169 | 68 | 0.57 | 1.82 | 8.53 | 2.15 | 2.50 |
| -5 | (+23) | 739 | 186 | 217 | 80 | 0.65 | 2.34 | 9.17 | 2.31 | 2.69 |
| 0 | (+32) | 929 | 234 | 272 | 90 | 0.70 | 2.94 | 10.39 | 2.62 | 3.04 |

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 | | |