

DEFINICIÓN DEL COMPRESOR

| | |
|------------------------------|-------------------------|
| Denominación | FMX D6C |
| Voltage / Frecuencia nominal | 230 V 43 -134 Hz |
| Código de Ingeniería | 513908167 |

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 | 1/9 | [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) | 4.9 | [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 | PFC CF02D02 M | |
| 3 Capacitor de Arranque | - | [µF(VAC minimo)] |
| 4 Capacitor de marcha | - | [µF(VAC minimo)] |
| 5 Protección del motor | PFC CF02D02 M | |
| 6 Resistencia del motor - bobina arranque | 13.00 | [Ω en 25°C (77°F)] +/- 8% |
| 7 Resistencia del motor - bobina marcha | 13.00 | [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 | | | 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] |
| 140 | 35 | 41 | 23 | 0.22 | 0.44 | 6.19 | 1.56 | 1.81 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| 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] |
| 230 | 58 | 67 | 35 | 0.30 | 0.72 | 6.53 | 1.65 | 1.91 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| 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] |
| 349 | 88 | 102 | 54 | 0.42 | 1.10 | 6.46 | 1.63 | 1.89 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| 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] |
| 429 | 108 | 126 | 70 | 0.56 | 1.35 | 6.11 | 1.54 | 1.79 |

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) | 85 | 21 | 25 | 14 | 0.19 | 0.27 | 6.03 | 1.52 | 1.77 |
| -30 | (-22) | 120 | 30 | 35 | 17 | 0.20 | 0.37 | 7.18 | 1.81 | 2.10 |
| -25 | (-13) | 159 | 40 | 47 | 19 | 0.21 | 0.50 | 8.26 | 2.08 | 2.42 |
| -20 | (- 4) | 206 | 52 | 60 | 22 | 0.23 | 0.65 | 9.39 | 2.37 | 2.75 |
| -15 | (+ 5) | 262 | 66 | 77 | 24 | 0.24 | 0.82 | 10.73 | 2.70 | 3.14 |
| -10 | (+14) | 330 | 83 | 97 | 27 | 0.25 | 1.04 | 12.40 | 3.12 | 3.63 |
| -5 | (+23) | 412 | 104 | 121 | 28 | 0.25 | 1.30 | 14.54 | 3.66 | 4.26 |
| 0 | (+32) | 511 | 129 | 150 | 29 | 0.24 | 1.62 | 17.30 | 4.36 | 5.07 |

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) | 72 | 18 | 21 | 15 | 0.20 | 0.22 | 4.94 | 1.24 | 1.45 |
| -30 | (-22) | 105 | 27 | 31 | 17 | 0.21 | 0.33 | 6.11 | 1.54 | 1.79 |
| -25 | (-13) | 143 | 36 | 42 | 20 | 0.22 | 0.45 | 7.08 | 1.78 | 2.08 |
| -20 | (- 4) | 188 | 47 | 55 | 23 | 0.23 | 0.59 | 8.00 | 2.02 | 2.35 |
| -15 | (+ 5) | 242 | 61 | 71 | 27 | 0.25 | 0.76 | 9.01 | 2.27 | 2.64 |
| -10 | (+14) | 308 | 78 | 90 | 30 | 0.27 | 0.97 | 10.23 | 2.58 | 3.00 |
| -5 | (+23) | 387 | 98 | 113 | 33 | 0.28 | 1.22 | 11.81 | 2.98 | 3.46 |
| 0 | (+32) | 482 | 122 | 141 | 35 | 0.29 | 1.53 | 13.89 | 3.50 | 4.07 |

| 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) | 52 | 13 | 15 | 15 | 0.21 | 0.16 | 3.43 | 0.87 | 1.01 |
| -30 | (-22) | 86 | 22 | 25 | 18 | 0.21 | 0.27 | 4.78 | 1.20 | 1.40 |
| -25 | (-13) | 124 | 31 | 36 | 21 | 0.22 | 0.39 | 5.81 | 1.47 | 1.70 |
| -20 | (- 4) | 169 | 42 | 49 | 25 | 0.24 | 0.53 | 6.68 | 1.68 | 1.96 |
| -15 | (+ 5) | 222 | 56 | 65 | 30 | 0.26 | 0.70 | 7.51 | 1.89 | 2.20 |
| -10 | (+14) | 287 | 72 | 84 | 34 | 0.29 | 0.90 | 8.45 | 2.13 | 2.48 |
| -5 | (+23) | 365 | 92 | 107 | 38 | 0.31 | 1.15 | 9.63 | 2.43 | 2.82 |
| 0 | (+32) | 459 | 116 | 134 | 42 | 0.33 | 1.45 | 11.19 | 2.82 | 3.28 |

| 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) | 134 | 34 | 39 | 22 | 0.22 | 0.42 | 6.10 | 1.54 | 1.79 |
| -30 | (-22) | 186 | 47 | 55 | 26 | 0.25 | 0.58 | 7.04 | 1.77 | 2.06 |
| -25 | (-13) | 246 | 62 | 72 | 31 | 0.28 | 0.77 | 8.06 | 2.03 | 2.36 |
| -20 | (- 4) | 316 | 80 | 93 | 34 | 0.30 | 0.99 | 9.21 | 2.32 | 2.70 |
| -15 | (+ 5) | 401 | 101 | 118 | 38 | 0.31 | 1.26 | 10.57 | 2.66 | 3.10 |
| -10 | (+14) | 504 | 127 | 148 | 41 | 0.33 | 1.59 | 12.19 | 3.07 | 3.57 |
| -5 | (+23) | 629 | 159 | 184 | 44 | 0.35 | 1.99 | 14.12 | 3.56 | 4.14 |
| 0 | (+32) | 779 | 196 | 228 | 47 | 0.38 | 2.47 | 16.43 | 4.14 | 4.81 |

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) | 112 | 28 | 33 | 22 | 0.22 | 0.35 | 5.03 | 1.27 | 1.47 |
| -30 | (-22) | 166 | 42 | 49 | 27 | 0.25 | 0.52 | 6.00 | 1.51 | 1.76 |
| -25 | (-13) | 226 | 57 | 66 | 32 | 0.28 | 0.71 | 6.97 | 1.76 | 2.04 |
| -20 | (- 4) | 298 | 75 | 87 | 37 | 0.30 | 0.94 | 7.99 | 2.01 | 2.34 |
| -15 | (+ 5) | 383 | 96 | 112 | 42 | 0.33 | 1.21 | 9.12 | 2.30 | 2.67 |
| -10 | (+14) | 486 | 122 | 142 | 46 | 0.36 | 1.53 | 10.43 | 2.63 | 3.06 |
| -5 | (+23) | 610 | 154 | 179 | 51 | 0.39 | 1.93 | 11.97 | 3.02 | 3.51 |
| 0 | (+32) | 759 | 191 | 222 | 56 | 0.43 | 2.41 | 13.81 | 3.48 | 4.05 |

| 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) | 97 | 24 | 28 | 22 | 0.23 | 0.30 | 4.30 | 1.08 | 1.26 |
| -30 | (-22) | 148 | 37 | 43 | 28 | 0.26 | 0.47 | 5.28 | 1.33 | 1.55 |
| -25 | (-13) | 206 | 52 | 60 | 33 | 0.29 | 0.65 | 6.18 | 1.56 | 1.81 |
| -20 | (- 4) | 274 | 69 | 80 | 39 | 0.32 | 0.86 | 7.05 | 1.78 | 2.07 |
| -15 | (+ 5) | 355 | 89 | 104 | 45 | 0.35 | 1.12 | 7.95 | 2.00 | 2.33 |
| -10 | (+14) | 454 | 114 | 133 | 51 | 0.39 | 1.43 | 8.93 | 2.25 | 2.62 |
| -5 | (+23) | 573 | 144 | 168 | 57 | 0.43 | 1.81 | 10.07 | 2.54 | 2.95 |
| 0 | (+32) | 717 | 181 | 210 | 63 | 0.49 | 2.27 | 11.41 | 2.88 | 3.34 |

| 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) | 188 | 47 | 55 | 34 | 0.28 | 0.59 | 5.59 | 1.41 | 1.64 |
| -30 | (-22) | 263 | 66 | 77 | 40 | 0.32 | 0.82 | 6.52 | 1.64 | 1.91 |
| -25 | (-13) | 351 | 88 | 103 | 47 | 0.36 | 1.10 | 7.49 | 1.89 | 2.20 |
| -20 | (- 4) | 460 | 116 | 135 | 53 | 0.40 | 1.44 | 8.62 | 2.17 | 2.53 |
| -15 | (+ 5) | 596 | 150 | 175 | 60 | 0.43 | 1.88 | 10.00 | 2.52 | 2.93 |
| -10 | (+14) | 768 | 193 | 225 | 65 | 0.47 | 2.42 | 11.72 | 2.95 | 3.43 |
| -5 | (+23) | 981 | 247 | 287 | 71 | 0.50 | 3.10 | 13.88 | 3.50 | 4.07 |
| 0 | (+32) | 1243 | 313 | 364 | 76 | 0.53 | 3.94 | 16.58 | 4.18 | 4.86 |

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) | 173 | 44 | 51 | 34 | 0.28 | 0.54 | 5.04 | 1.27 | 1.48 |
| -30 | (-22) | 250 | 63 | 73 | 42 | 0.33 | 0.78 | 5.94 | 1.50 | 1.74 |
| -25 | (-13) | 335 | 84 | 98 | 49 | 0.38 | 1.05 | 6.78 | 1.71 | 1.99 |
| -20 | (- 4) | 436 | 110 | 128 | 57 | 0.44 | 1.37 | 7.66 | 1.93 | 2.25 |
| -15 | (+ 5) | 561 | 141 | 164 | 65 | 0.49 | 1.77 | 8.68 | 2.19 | 2.54 |
| -10 | (+14) | 716 | 180 | 210 | 72 | 0.54 | 2.26 | 9.93 | 2.50 | 2.91 |
| -5 | (+23) | 908 | 229 | 266 | 79 | 0.59 | 2.87 | 11.51 | 2.90 | 3.37 |
| 0 | (+32) | 1145 | 289 | 336 | 86 | 0.63 | 3.63 | 13.51 | 3.40 | 3.96 |

| 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) | 142 | 36 | 42 | 35 | 0.28 | 0.44 | 4.11 | 1.04 | 1.21 |
| -30 | (-22) | 226 | 57 | 66 | 43 | 0.34 | 0.71 | 5.20 | 1.31 | 1.52 |
| -25 | (-13) | 315 | 79 | 92 | 51 | 0.40 | 0.99 | 6.12 | 1.54 | 1.79 |
| -20 | (- 4) | 416 | 105 | 122 | 60 | 0.46 | 1.31 | 6.96 | 1.75 | 2.04 |
| -15 | (+ 5) | 535 | 135 | 157 | 69 | 0.53 | 1.68 | 7.82 | 1.97 | 2.29 |
| -10 | (+14) | 680 | 171 | 199 | 77 | 0.59 | 2.15 | 8.80 | 2.22 | 2.58 |
| -5 | (+23) | 858 | 216 | 251 | 86 | 0.65 | 2.71 | 10.00 | 2.52 | 2.93 |
| 0 | (+32) | 1076 | 271 | 315 | 94 | 0.71 | 3.41 | 11.50 | 2.90 | 3.37 |

| 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) | 235 | 59 | 69 | 43 | 0.32 | 0.74 | 5.49 | 1.38 | 1.61 |
| -30 | (-22) | 328 | 83 | 96 | 52 | 0.39 | 1.03 | 6.30 | 1.59 | 1.85 |
| -25 | (-13) | 454 | 114 | 133 | 62 | 0.47 | 1.42 | 7.27 | 1.83 | 2.13 |
| -20 | (- 4) | 613 | 154 | 180 | 73 | 0.54 | 1.92 | 8.37 | 2.11 | 2.45 |
| -15 | (+ 5) | 805 | 203 | 236 | 85 | 0.63 | 2.53 | 9.56 | 2.41 | 2.80 |
| -10 | (+14) | 1031 | 260 | 302 | 96 | 0.73 | 3.25 | 10.82 | 2.73 | 3.17 |
| -5 | (+23) | 1290 | 325 | 378 | 106 | 0.84 | 4.08 | 12.11 | 3.05 | 3.55 |
| 0 | (+32) | 1583 | 399 | 464 | 116 | 0.97 | 5.02 | 13.40 | 3.38 | 3.93 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|--------------------------------------|----------|-----|---------------------------------------|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| @220V4000RPM | | 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) | 227 | 57 | 67 | 47 | 0.36 | 0.71 | 4.84 | 1.22 | 1.42 |
| -30 | (-22) | 306 | 77 | 90 | 55 | 0.43 | 0.96 | 5.55 | 1.40 | 1.63 |
| -25 | (-13) | 419 | 106 | 123 | 65 | 0.50 | 1.31 | 6.42 | 1.62 | 1.88 |
| -20 | (- 4) | 568 | 143 | 166 | 76 | 0.58 | 1.78 | 7.40 | 1.87 | 2.17 |
| -15 | (+ 5) | 752 | 190 | 220 | 89 | 0.67 | 2.37 | 8.47 | 2.13 | 2.48 |
| -10 | (+14) | 972 | 245 | 285 | 101 | 0.78 | 3.07 | 9.59 | 2.42 | 2.81 |
| -5 | (+23) | 1228 | 309 | 360 | 115 | 0.90 | 3.88 | 10.73 | 2.70 | 3.14 |
| 0 | (+32) | 1520 | 383 | 445 | 127 | 1.04 | 4.82 | 11.87 | 2.99 | 3.48 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|--------------------------------------|----------|-----|---------------------------------------|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| @220V4000RPM | | 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) | 218 | 55 | 64 | 49 | 0.37 | 0.68 | 4.43 | 1.12 | 1.30 |
| -30 | (-22) | 280 | 71 | 82 | 56 | 0.44 | 0.88 | 5.04 | 1.27 | 1.48 |
| -25 | (-13) | 380 | 96 | 111 | 66 | 0.52 | 1.19 | 5.79 | 1.46 | 1.70 |
| -20 | (- 4) | 517 | 130 | 152 | 78 | 0.61 | 1.63 | 6.64 | 1.67 | 1.95 |
| -15 | (+ 5) | 692 | 174 | 203 | 91 | 0.71 | 2.18 | 7.56 | 1.91 | 2.22 |
| -10 | (+14) | 905 | 228 | 265 | 106 | 0.82 | 2.86 | 8.53 | 2.15 | 2.50 |
| -5 | (+23) | 1156 | 291 | 339 | 122 | 0.95 | 3.66 | 9.51 | 2.40 | 2.79 |
| 0 | (+32) | 1446 | 364 | 424 | 138 | 1.11 | 4.58 | 10.46 | 2.64 | 3.07 |

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 | 4.9 | [mm] | (0.193") |
| 3.2.1 Material | | | |
| 3.2.2 Forma | | | |
| 3.3 PROCESO | 6.1 | [mm] | (0.240") |
| 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 | | |