

DEFINICIÓN DEL COMPRESOR

| | |
|------------------------------|-------------------------|
| Denominación | FMX Y9C |
| Voltage / Frecuencia nominal | 230 V 43 -134 Hz |
| Código de Ingeniería | 513908232 |

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 | | | 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] |
| 212 | 53 | 62 | 38 | 0.18 | 0.67 | 5.64 | 1.42 | 1.65 |

| | | | | | | | | |
|-----------------------------------------------|----------|-----|---------------------------------------|--------------------------------|------------------------------------------------------|------------------------------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA: @115V2000RPM | | | 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] |
| 334 | 84 | 98 | 57 | 0.27 | 1.05 | 5.83 | 1.47 | 1.71 |

| | | | | | | | | |
|-----------------------------------------------|----------|-----|---------------------------------------|--------------------------------|------------------------------------------------------|------------------------------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA: @115V3000RPM | | | 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] |
| 495 | 125 | 145 | 83 | 0.38 | 1.55 | 5.97 | 1.50 | 1.75 |

| | | | | | | | | |
|-----------------------------------------------|----------|-----|---------------------------------------|--------------------------------|------------------------------------------------------|------------------------------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA: @115V4000RPM | | | 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] |
| 614 | 155 | 180 | 109 | 0.47 | 1.93 | 5.63 | 1.42 | 1.65 |

E - PERFORMANCE - CURVAS

| | | | | | | | | | | |
|-----------------------------------------------|--------------------------------------|------|------------------------------------|-------------------------------|----------------------------------------------|-------------------------|-------------------------------|--------|----------|-----------|
| CONDICIONES DE PRUEBA: @115V1300RPM | | | 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) | 132 | 33 | 39 | 22 | 0.13 | 0.41 | 5.97 | 1.50 | 1.75 |
| -30 | (-22) | 177 | 45 | 52 | 27 | 0.14 | 0.56 | 6.46 | 1.63 | 1.89 |
| -25 | (-13) | 233 | 59 | 68 | 32 | 0.15 | 0.73 | 7.35 | 1.85 | 2.15 |
| -20 | (- 4) | 301 | 76 | 88 | 35 | 0.17 | 0.94 | 8.55 | 2.16 | 2.51 |
| -15 | (+ 5) | 383 | 96 | 112 | 38 | 0.19 | 1.20 | 10.01 | 2.52 | 2.93 |
| -10 | (+14) | 480 | 121 | 141 | 41 | 0.21 | 1.51 | 11.64 | 2.93 | 3.41 |
| -5 | (+23) | 595 | 150 | 174 | 44 | 0.22 | 1.88 | 13.39 | 3.37 | 3.92 |
| 0 | (+32) | 730 | 184 | 214 | 48 | 0.22 | 2.31 | 15.17 | 3.82 | 4.44 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 114 | 29 | 33 | 23 | 0.13 | 0.36 | 5.11 | 1.29 | 1.50 |
| -30 | (-22) | 158 | 40 | 46 | 29 | 0.14 | 0.50 | 5.52 | 1.39 | 1.62 |
| -25 | (-13) | 213 | 54 | 62 | 34 | 0.16 | 0.67 | 6.22 | 1.57 | 1.82 |
| -20 | (- 4) | 279 | 70 | 82 | 39 | 0.19 | 0.88 | 7.13 | 1.80 | 2.09 |
| -15 | (+ 5) | 359 | 90 | 105 | 44 | 0.21 | 1.13 | 8.19 | 2.06 | 2.40 |
| -10 | (+14) | 454 | 114 | 133 | 49 | 0.23 | 1.43 | 9.32 | 2.35 | 2.73 |
| -5 | (+23) | 566 | 143 | 166 | 54 | 0.25 | 1.79 | 10.46 | 2.64 | 3.06 |
| 0 | (+32) | 697 | 176 | 204 | 60 | 0.26 | 2.21 | 11.53 | 2.91 | 3.38 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 98 | 25 | 29 | 22 | 0.13 | 0.31 | 4.40 | 1.11 | 1.29 |
| -30 | (-22) | 141 | 36 | 41 | 29 | 0.15 | 0.44 | 4.76 | 1.20 | 1.39 |
| -25 | (-13) | 194 | 49 | 57 | 36 | 0.17 | 0.61 | 5.30 | 1.34 | 1.55 |
| -20 | (- 4) | 258 | 65 | 75 | 43 | 0.21 | 0.81 | 5.96 | 1.50 | 1.74 |
| -15 | (+ 5) | 335 | 84 | 98 | 51 | 0.24 | 1.05 | 6.65 | 1.68 | 1.95 |
| -10 | (+14) | 426 | 107 | 125 | 59 | 0.27 | 1.35 | 7.31 | 1.84 | 2.14 |
| -5 | (+23) | 535 | 135 | 157 | 68 | 0.29 | 1.69 | 7.88 | 1.99 | 2.31 |
| 0 | (+32) | 661 | 167 | 194 | 78 | 0.30 | 2.10 | 8.27 | 2.08 | 2.42 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 197 | 50 | 58 | 34 | 0.18 | 0.62 | 5.71 | 1.44 | 1.67 |
| -30 | (-22) | 265 | 67 | 78 | 42 | 0.21 | 0.83 | 6.34 | 1.60 | 1.86 |
| -25 | (-13) | 350 | 88 | 103 | 48 | 0.23 | 1.10 | 7.33 | 1.85 | 2.15 |
| -20 | (- 4) | 456 | 115 | 134 | 53 | 0.25 | 1.43 | 8.57 | 2.16 | 2.51 |
| -15 | (+ 5) | 584 | 147 | 171 | 59 | 0.28 | 1.84 | 9.94 | 2.51 | 2.91 |
| -10 | (+14) | 736 | 185 | 216 | 65 | 0.31 | 2.32 | 11.33 | 2.86 | 3.32 |
| -5 | (+23) | 913 | 230 | 267 | 72 | 0.34 | 2.89 | 12.63 | 3.18 | 3.70 |
| 0 | (+32) | 1118 | 282 | 328 | 82 | 0.37 | 3.54 | 13.71 | 3.45 | 4.02 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 178 | 45 | 52 | 35 | 0.18 | 0.56 | 5.09 | 1.28 | 1.49 |
| -30 | (-22) | 244 | 61 | 71 | 44 | 0.21 | 0.76 | 5.58 | 1.41 | 1.63 |
| -25 | (-13) | 327 | 82 | 96 | 51 | 0.24 | 1.03 | 6.40 | 1.61 | 1.88 |
| -20 | (- 4) | 430 | 108 | 126 | 58 | 0.27 | 1.35 | 7.45 | 1.88 | 2.18 |
| -15 | (+ 5) | 555 | 140 | 163 | 65 | 0.30 | 1.75 | 8.60 | 2.17 | 2.52 |
| -10 | (+14) | 703 | 177 | 206 | 72 | 0.34 | 2.22 | 9.75 | 2.46 | 2.86 |
| -5 | (+23) | 877 | 221 | 257 | 81 | 0.38 | 2.77 | 10.76 | 2.71 | 3.15 |
| 0 | (+32) | 1078 | 272 | 316 | 93 | 0.43 | 3.41 | 11.54 | 2.91 | 3.38 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 163 | 41 | 48 | 36 | 0.19 | 0.51 | 4.56 | 1.15 | 1.33 |
| -30 | (-22) | 225 | 57 | 66 | 46 | 0.22 | 0.71 | 4.90 | 1.24 | 1.44 |
| -25 | (-13) | 304 | 77 | 89 | 55 | 0.25 | 0.95 | 5.56 | 1.40 | 1.63 |
| -20 | (- 4) | 403 | 102 | 118 | 63 | 0.29 | 1.27 | 6.42 | 1.62 | 1.88 |
| -15 | (+ 5) | 523 | 132 | 153 | 72 | 0.33 | 1.65 | 7.35 | 1.85 | 2.15 |
| -10 | (+14) | 666 | 168 | 195 | 81 | 0.37 | 2.10 | 8.25 | 2.08 | 2.42 |
| -5 | (+23) | 835 | 210 | 245 | 93 | 0.42 | 2.64 | 8.99 | 2.27 | 2.63 |
| 0 | (+32) | 1030 | 260 | 302 | 106 | 0.48 | 3.27 | 9.47 | 2.39 | 2.77 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 277 | 70 | 81 | 52 | 0.24 | 0.87 | 5.31 | 1.34 | 1.55 |
| -30 | (-22) | 397 | 100 | 116 | 64 | 0.27 | 1.25 | 6.22 | 1.57 | 1.82 |
| -25 | (-13) | 535 | 135 | 157 | 74 | 0.32 | 1.68 | 7.24 | 1.82 | 2.12 |
| -20 | (- 4) | 696 | 175 | 204 | 84 | 0.38 | 2.19 | 8.32 | 2.10 | 2.44 |
| -15 | (+ 5) | 885 | 223 | 259 | 94 | 0.43 | 2.78 | 9.45 | 2.38 | 2.77 |
| -10 | (+14) | 1107 | 279 | 324 | 105 | 0.48 | 3.49 | 10.57 | 2.66 | 3.10 |
| -5 | (+23) | 1368 | 345 | 401 | 117 | 0.51 | 4.33 | 11.65 | 2.94 | 3.41 |
| 0 | (+32) | 1674 | 422 | 490 | 132 | 0.52 | 5.31 | 12.67 | 3.19 | 3.71 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 245 | 62 | 72 | 53 | 0.24 | 0.77 | 4.66 | 1.17 | 1.37 |
| -30 | (-22) | 361 | 91 | 106 | 65 | 0.28 | 1.13 | 5.47 | 1.38 | 1.60 |
| -25 | (-13) | 494 | 124 | 145 | 77 | 0.33 | 1.55 | 6.39 | 1.61 | 1.87 |
| -20 | (- 4) | 649 | 164 | 190 | 88 | 0.39 | 2.04 | 7.39 | 1.86 | 2.16 |
| -15 | (+ 5) | 832 | 210 | 244 | 99 | 0.45 | 2.62 | 8.42 | 2.12 | 2.47 |
| -10 | (+14) | 1049 | 264 | 307 | 111 | 0.51 | 3.31 | 9.45 | 2.38 | 2.77 |
| -5 | (+23) | 1304 | 329 | 382 | 125 | 0.55 | 4.12 | 10.45 | 2.63 | 3.06 |
| 0 | (+32) | 1604 | 404 | 470 | 141 | 0.58 | 5.09 | 11.38 | 2.87 | 3.33 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 223 | 56 | 65 | 52 | 0.24 | 0.70 | 4.27 | 1.08 | 1.25 |
| -30 | (-22) | 332 | 84 | 97 | 67 | 0.29 | 1.04 | 4.91 | 1.24 | 1.44 |
| -25 | (-13) | 458 | 115 | 134 | 81 | 0.35 | 1.44 | 5.66 | 1.43 | 1.66 |
| -20 | (- 4) | 606 | 153 | 178 | 93 | 0.41 | 1.91 | 6.49 | 1.63 | 1.90 |
| -15 | (+ 5) | 782 | 197 | 229 | 107 | 0.49 | 2.46 | 7.35 | 1.85 | 2.15 |
| -10 | (+14) | 991 | 250 | 290 | 121 | 0.55 | 3.13 | 8.23 | 2.07 | 2.41 |
| -5 | (+23) | 1239 | 312 | 363 | 137 | 0.61 | 3.92 | 9.07 | 2.28 | 2.66 |
| 0 | (+32) | 1530 | 386 | 448 | 155 | 0.64 | 4.85 | 9.84 | 2.48 | 2.88 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (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) | 330 | 83 | 97 | 64 | 0.30 | 1.03 | 5.13 | 1.29 | 1.50 |
| -30 | (-22) | 481 | 121 | 141 | 82 | 0.37 | 1.51 | 5.90 | 1.49 | 1.73 |
| -25 | (-13) | 676 | 170 | 198 | 100 | 0.45 | 2.12 | 6.73 | 1.70 | 1.97 |
| -20 | (- 4) | 905 | 228 | 265 | 119 | 0.53 | 2.84 | 7.63 | 1.92 | 2.24 |
| -15 | (+ 5) | 1156 | 291 | 339 | 135 | 0.60 | 3.64 | 8.58 | 2.16 | 2.51 |
| -10 | (+14) | 1420 | 358 | 416 | 149 | 0.65 | 4.48 | 9.59 | 2.42 | 2.81 |
| -5 | (+23) | 1687 | 425 | 494 | 158 | 0.67 | 5.33 | 10.65 | 2.68 | 3.12 |
| 0 | (+32) | 1945 | 490 | 570 | 161 | 0.65 | 6.17 | 11.77 | 2.97 | 3.45 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°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) | 301 | 76 | 88 | 66 | 0.30 | 0.94 | 4.58 | 1.15 | 1.34 |
| -30 | (-22) | 438 | 110 | 128 | 83 | 0.37 | 1.37 | 5.30 | 1.33 | 1.55 |
| -25 | (-13) | 622 | 157 | 182 | 102 | 0.45 | 1.95 | 6.08 | 1.53 | 1.78 |
| -20 | (- 4) | 843 | 212 | 247 | 121 | 0.54 | 2.65 | 6.91 | 1.74 | 2.03 |
| -15 | (+ 5) | 1090 | 275 | 319 | 139 | 0.63 | 3.43 | 7.81 | 1.97 | 2.29 |
| -10 | (+14) | 1353 | 341 | 396 | 155 | 0.69 | 4.27 | 8.76 | 2.21 | 2.57 |
| -5 | (+23) | 1621 | 409 | 475 | 166 | 0.73 | 5.13 | 9.77 | 2.46 | 2.86 |
| 0 | (+32) | 1885 | 475 | 552 | 172 | 0.73 | 5.98 | 10.83 | 2.73 | 3.17 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°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) | 277 | 70 | 81 | 68 | 0.31 | 0.87 | 4.10 | 1.03 | 1.20 |
| -30 | (-22) | 397 | 100 | 116 | 85 | 0.38 | 1.24 | 4.75 | 1.20 | 1.39 |
| -25 | (-13) | 567 | 143 | 166 | 104 | 0.46 | 1.78 | 5.47 | 1.38 | 1.60 |
| -20 | (- 4) | 777 | 196 | 228 | 124 | 0.55 | 2.44 | 6.24 | 1.57 | 1.83 |
| -15 | (+ 5) | 1017 | 256 | 298 | 143 | 0.64 | 3.20 | 7.06 | 1.78 | 2.07 |
| -10 | (+14) | 1276 | 322 | 374 | 161 | 0.72 | 4.03 | 7.95 | 2.00 | 2.33 |
| -5 | (+23) | 1544 | 389 | 452 | 174 | 0.78 | 4.88 | 8.89 | 2.24 | 2.60 |
| 0 | (+32) | 1811 | 456 | 531 | 182 | 0.80 | 5.74 | 9.88 | 2.49 | 2.89 |

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 | 6.35 | [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 | | |