

DEFINICIÓN DEL COMPRESOR

| | |
|------------------------------|------------------------|
| Denominación | FMS A11C |
| Voltage / Frecuencia nominal | 230 V 90-315 Hz |
| Código de Ingeniería | 518000019 |

A - APLICACIÓN / CONDICIONES LÍMITES DE TRABAJO

| | | | |
|---|-------------------------------|-----------------------------------|-----------|
| 1 Tipo | Compresor recíproco | | |
| 2 Refrigerante | R-600a | | |
| 3 Voltaje y frecuencia nominal | 230 / 90-315 | [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 | 1/6 | [hp] |
| 2 Desplazamiento | 7.87 | [cm ³] (0.480 cu.in) |
| 2.1 Diametro [mm] | 22.500 | |
| 2.2 Curso [mm] | 19.800 | |
| 3 Carga de aceite | 140 | [ml] (4.73 fl.oz.) |
| 3.1 Aceites aprobados | | |
| 3.2 Tipo/Viscosidad del aceite | ALQUILB / ISO5 | |
| 4 Peso (com carga de aceite) | 3.58 | [kg] (7.89 lb.) |
| 5 Carga de nitrógeno | - | [kgf/cm ²] |

C - DATOS ELÉCTRICOS

| | | |
|---|--------------------------------|---------------------------|
| 1 Voltaje nominal/Frecuencia/Numero de fases | 230 V 90-315 Hz 3~ (Trifásico) | |
| 2 Tipo de Dispositivo de Arranque | Inverter | |
| 2.1 Dispositivo de Arranque | CF02F01M | |
| 3 Capacitor de Arranque | - | [µF(VAC minimo)] |
| 4 Capacitor de marcha | - | [µF(VAC minimo)] |
| 5 Protección del motor | CF02F01 M 0.0 XX F X | |
| 6 Resistencia del motor - bobina arranque | 17.50 | [Ω en 25°C (77°F)] +/- 8% |
| 7 Resistencia del motor - bobina marcha | 17.50 | [Ω en 25°C (77°F)] +/- 8% |
| 8 LRA - Corriente com rotor trabado (90/315 Hz) | 2.17 | [A] - Medido según UL 984 |
| 9 FLA - Corriente a plena carga L/MBP (90/315 Hz) | 1.25 | [A] - Medido según UL 984 |
| 10 FLA - Corriente a plena carga HBP (90/315 Hz) | - | [A] - Medido según UL 984 |
| 11 Institutos de aprobación | CE - NOM - TUV - UKCA - VDE | |

D - PERFORMANCE - DATOS CHECK POINT

| | | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|--|-------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V1800RPM | | | ASHRAELBP32 Estática | | Temperatura de evaporación -23.3°C (-9.94°F) (Temp. de condensación 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] | |
| 282 | 71 | 83 | 46 | 0.47 | 0.89 | 6.10 | 1.54 | 1.79 | |

| | | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|--|-------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V2800RPM | | | ASHRAELBP32 Estática | | Temperatura de evaporación -23.3°C (-9.94°F) (Temp. de condensación 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] | |
| 430 | 108 | 126 | 70 | 0.69 | 1.35 | 6.14 | 1.55 | 1.80 | |

| | | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|--|-------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V4000RPM | | | ASHRAELBP32 Estática | | Temperatura de evaporación -23.3°C (-9.94°F) (Temp. de condensación 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] | |
| 624 | 157 | 183 | 102 | 10.30 | 1.96 | 6.12 | 1.54 | 1.79 | |

| | | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|--|-------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V6300RPM | | | ASHRAELBP32 Estática | | Temperatura de evaporación -23.3°C (-9.94°F) (Temp. de condensación 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] | |
| 900 | 227 | 264 | 164 | 1.52 | 2.83 | 5.49 | 1.38 | 1.61 | |

E - PERFORMANCE - CURVAS

| | | | | | | | | | | |
|---|--------------------------------------|------|------------------------------------|-------------------------------|--|-------------------------|-------------------------------|--------|----------|-----------|
| CONDICIONES DE PRUEBA: @220V1800RPM | | | 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) | 167 | 42 | 49 | 29 | 0.31 | 0.52 | 5.82 | 1.47 | 1.70 |
| -30 | (-22) | 222 | 56 | 65 | 33 | 0.36 | 0.70 | 6.65 | 1.67 | 1.95 |
| -25 | (-13) | 289 | 73 | 85 | 38 | 0.41 | 0.91 | 7.54 | 1.90 | 2.21 |
| -20 | (- 4) | 371 | 93 | 109 | 43 | 0.46 | 1.17 | 8.55 | 2.15 | 2.50 |
| -15 | (+ 5) | 470 | 118 | 138 | 49 | 0.51 | 1.48 | 9.71 | 2.45 | 2.85 |
| -10 | (+14) | 589 | 148 | 173 | 53 | 0.56 | 1.86 | 11.09 | 2.79 | 3.25 |
| -5 | (+23) | 731 | 184 | 214 | 57 | 0.60 | 2.31 | 12.72 | 3.21 | 3.73 |
| 0 | (+32) | 899 | 227 | 263 | 61 | 0.64 | 2.85 | 14.66 | 3.69 | 4.30 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V1800RPM | | 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) | 157 | 40 | 46 | 29 | 0.32 | 0.49 | 5.36 | 1.35 | 1.57 |
| -30 | (-22) | 211 | 53 | 62 | 35 | 0.38 | 0.66 | 6.03 | 1.52 | 1.77 |
| -25 | (-13) | 277 | 70 | 81 | 41 | 0.44 | 0.87 | 6.72 | 1.69 | 1.97 |
| -20 | (- 4) | 358 | 90 | 105 | 48 | 0.51 | 1.13 | 7.47 | 1.88 | 2.19 |
| -15 | (+ 5) | 458 | 115 | 134 | 55 | 0.57 | 1.44 | 8.32 | 2.10 | 2.44 |
| -10 | (+14) | 578 | 146 | 169 | 62 | 0.64 | 1.82 | 9.33 | 2.35 | 2.73 |
| -5 | (+23) | 722 | 182 | 212 | 69 | 0.71 | 2.28 | 10.55 | 2.66 | 3.09 |
| 0 | (+32) | 892 | 225 | 262 | 75 | 0.77 | 2.83 | 12.02 | 3.03 | 3.52 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V1800RPM | | 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) | 138 | 35 | 40 | 29 | 0.32 | 0.43 | 4.73 | 1.19 | 1.38 |
| -30 | (-22) | 192 | 48 | 56 | 36 | 0.39 | 0.60 | 5.36 | 1.35 | 1.57 |
| -25 | (-13) | 259 | 65 | 76 | 44 | 0.47 | 0.81 | 5.95 | 1.50 | 1.74 |
| -20 | (- 4) | 342 | 86 | 100 | 52 | 0.55 | 1.07 | 6.55 | 1.65 | 1.92 |
| -15 | (+ 5) | 444 | 112 | 130 | 61 | 0.64 | 1.40 | 7.21 | 1.82 | 2.11 |
| -10 | (+14) | 567 | 143 | 166 | 71 | 0.72 | 1.79 | 7.98 | 2.01 | 2.34 |
| -5 | (+23) | 715 | 180 | 210 | 80 | 0.81 | 2.26 | 8.89 | 2.24 | 2.61 |
| 0 | (+32) | 890 | 224 | 261 | 90 | 0.90 | 2.82 | 10.01 | 2.52 | 2.93 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|--------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V2800RPM | | 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) | 250 | 63 | 73 | 43 | 0.45 | 0.78 | 5.86 | 1.48 | 1.72 |
| -30 | (-22) | 341 | 86 | 100 | 50 | 0.52 | 1.07 | 6.74 | 1.70 | 1.98 |
| -25 | (-13) | 450 | 113 | 132 | 59 | 0.60 | 1.41 | 7.68 | 1.93 | 2.25 |
| -20 | (- 4) | 580 | 146 | 170 | 67 | 0.69 | 1.82 | 8.69 | 2.19 | 2.55 |
| -15 | (+ 5) | 735 | 185 | 215 | 75 | 0.77 | 2.31 | 9.82 | 2.48 | 2.88 |
| -10 | (+14) | 919 | 231 | 269 | 83 | 0.84 | 2.90 | 11.09 | 2.80 | 3.25 |
| -5 | (+23) | 1133 | 286 | 332 | 90 | 0.90 | 3.58 | 12.53 | 3.16 | 3.67 |
| 0 | (+32) | 1382 | 348 | 405 | 97 | 0.94 | 4.38 | 14.17 | 3.57 | 4.15 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V2800RPM | | 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) | 236 | 59 | 69 | 45 | 0.48 | 0.74 | 5.28 | 1.33 | 1.55 |
| -30 | (-22) | 319 | 80 | 94 | 54 | 0.55 | 1.00 | 5.96 | 1.50 | 1.75 |
| -25 | (-13) | 422 | 106 | 124 | 63 | 0.64 | 1.33 | 6.69 | 1.69 | 1.96 |
| -20 | (- 4) | 549 | 138 | 161 | 73 | 0.74 | 1.72 | 7.49 | 1.89 | 2.20 |
| -15 | (+ 5) | 701 | 177 | 206 | 83 | 0.84 | 2.21 | 8.39 | 2.12 | 2.46 |
| -10 | (+14) | 884 | 223 | 259 | 94 | 0.94 | 2.79 | 9.43 | 2.38 | 2.76 |
| -5 | (+23) | 1099 | 277 | 322 | 104 | 1.03 | 3.47 | 10.62 | 2.68 | 3.11 |
| 0 | (+32) | 1350 | 340 | 396 | 113 | 1.10 | 4.28 | 12.00 | 3.02 | 3.52 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|---------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V2800RPM | | 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) | 212 | 53 | 62 | 45 | 0.47 | 0.66 | 4.75 | 1.20 | 1.39 |
| -30 | (-22) | 291 | 73 | 85 | 55 | 0.55 | 0.91 | 5.30 | 1.34 | 1.55 |
| -25 | (-13) | 391 | 98 | 115 | 67 | 0.66 | 1.23 | 5.89 | 1.49 | 1.73 |
| -20 | (- 4) | 516 | 130 | 151 | 79 | 0.78 | 1.62 | 6.55 | 1.65 | 1.92 |
| -15 | (+ 5) | 668 | 168 | 196 | 91 | 0.90 | 2.10 | 7.29 | 1.84 | 2.14 |
| -10 | (+14) | 852 | 215 | 250 | 104 | 1.03 | 2.69 | 8.16 | 2.06 | 2.39 |
| -5 | (+23) | 1070 | 270 | 314 | 117 | 1.15 | 3.38 | 9.17 | 2.31 | 2.69 |
| 0 | (+32) | 1326 | 334 | 389 | 129 | 1.26 | 4.20 | 10.37 | 2.61 | 3.04 |

| 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) | 343 | 87 | 101 | 64 | 0.65 | 1.07 | 5.41 | 1.36 | 1.59 |
| -30 | (-22) | 476 | 120 | 139 | 74 | 0.77 | 1.49 | 6.36 | 1.60 | 1.86 |
| -25 | (-13) | 631 | 159 | 185 | 87 | 0.88 | 1.98 | 7.25 | 1.83 | 2.12 |
| -20 | (- 4) | 813 | 205 | 238 | 100 | 0.99 | 2.56 | 8.14 | 2.05 | 2.39 |
| -15 | (+ 5) | 1030 | 260 | 302 | 113 | 1.11 | 3.24 | 9.10 | 2.29 | 2.67 |
| -10 | (+14) | 1285 | 324 | 377 | 126 | 1.23 | 4.05 | 10.17 | 2.56 | 2.98 |
| -5 | (+23) | 1585 | 399 | 465 | 139 | 1.35 | 5.01 | 11.40 | 2.87 | 3.34 |
| 0 | (+32) | 1935 | 488 | 567 | 150 | 1.48 | 6.13 | 12.87 | 3.24 | 3.77 |

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) | 314 | 79 | 92 | 62 | 0.65 | 0.98 | 5.02 | 1.27 | 1.47 |
| -30 | (-22) | 446 | 112 | 131 | 77 | 0.79 | 1.40 | 5.76 | 1.45 | 1.69 |
| -25 | (-13) | 599 | 151 | 176 | 93 | 0.92 | 1.88 | 6.48 | 1.63 | 1.90 |
| -20 | (- 4) | 780 | 196 | 228 | 108 | 1.06 | 2.45 | 7.22 | 1.82 | 2.12 |
| -15 | (+ 5) | 993 | 250 | 291 | 124 | 1.20 | 3.13 | 8.04 | 2.03 | 2.36 |
| -10 | (+14) | 1245 | 314 | 365 | 138 | 1.34 | 3.93 | 9.00 | 2.27 | 2.64 |
| -5 | (+23) | 1540 | 388 | 451 | 152 | 1.49 | 4.87 | 10.15 | 2.56 | 2.97 |
| 0 | (+32) | 1885 | 475 | 552 | 163 | 1.64 | 5.97 | 11.54 | 2.91 | 3.38 |

| 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) | 279 | 70 | 82 | 61 | 0.63 | 0.87 | 4.56 | 1.15 | 1.34 |
| -30 | (-22) | 412 | 104 | 121 | 79 | 0.80 | 1.29 | 5.19 | 1.31 | 1.52 |
| -25 | (-13) | 566 | 143 | 166 | 97 | 0.96 | 1.78 | 5.82 | 1.47 | 1.71 |
| -20 | (- 4) | 747 | 188 | 219 | 115 | 1.12 | 2.35 | 6.50 | 1.64 | 1.91 |
| -15 | (+ 5) | 960 | 242 | 281 | 132 | 1.28 | 3.02 | 7.29 | 1.84 | 2.14 |
| -10 | (+14) | 1210 | 305 | 355 | 147 | 1.44 | 3.82 | 8.23 | 2.07 | 2.41 |
| -5 | (+23) | 1504 | 379 | 441 | 160 | 1.61 | 4.76 | 9.38 | 2.36 | 2.75 |
| 0 | (+32) | 1846 | 465 | 541 | 171 | 1.78 | 5.85 | 10.80 | 2.72 | 3.17 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|-------|----------------------------|----------|-----|--------------------------------------|----------------------|---------------|---------------------|-----------|-------|
| @220V6300RPM | | 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) | 533 | 134 | 156 | 108 | 0.67 | 1.67 | 4.90 | 1.23 | 1.44 |
| -30 | (-22) | 694 | 175 | 203 | 125 | 1.05 | 2.18 | 5.58 | 1.41 | 1.63 |
| -25 | (-13) | 933 | 235 | 273 | 147 | 1.37 | 2.93 | 6.36 | 1.60 | 1.86 |
| -20 | (- 4) | 1224 | 308 | 359 | 170 | 1.63 | 3.84 | 7.20 | 1.82 | 2.11 |
| -15 | (+ 5) | 1540 | 388 | 451 | 191 | 1.82 | 4.85 | 8.10 | 2.04 | 2.37 |
| -10 | (+14) | 1855 | 468 | 544 | 207 | 1.93 | 5.85 | 9.01 | 2.27 | 2.64 |
| -5 | (+23) | 2144 | 540 | 628 | 216 | 1.95 | 6.78 | 9.92 | 2.50 | 2.91 |
| 0 | (+32) | 2381 | 600 | 698 | 214 | 1.88 | 7.55 | 10.80 | 2.72 | 3.16 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|--------------------------------------|----------|-----|---------------------------------------|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| @220V6300RPM | | 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) | 490 | 123 | 143 | 109 | 1.03 | 1.53 | 4.52 | 1.14 | 1.32 |
| -30 | (-22) | 644 | 162 | 189 | 129 | 1.30 | 2.02 | 5.06 | 1.28 | 1.48 |
| -25 | (-13) | 874 | 220 | 256 | 153 | 1.54 | 2.74 | 5.72 | 1.44 | 1.68 |
| -20 | (- 4) | 1153 | 290 | 338 | 177 | 1.73 | 3.62 | 6.48 | 1.63 | 1.90 |
| -15 | (+ 5) | 1454 | 366 | 426 | 199 | 1.87 | 4.58 | 7.30 | 1.84 | 2.14 |
| -10 | (+14) | 1753 | 442 | 514 | 216 | 1.95 | 5.53 | 8.16 | 2.06 | 2.39 |
| -5 | (+23) | 2023 | 510 | 593 | 224 | 1.96 | 6.40 | 9.05 | 2.28 | 2.65 |
| 0 | (+32) | 2239 | 564 | 656 | 220 | 1.90 | 7.10 | 9.92 | 2.50 | 2.91 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|--------------------------------------|----------|-----|---------------------------------------|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| @220V6300RPM | | 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) | 451 | 114 | 132 | 107 | 1.06 | 1.41 | 4.24 | 1.07 | 1.24 |
| -30 | (-22) | 596 | 150 | 175 | 130 | 1.29 | 1.87 | 4.66 | 1.17 | 1.36 |
| -25 | (-13) | 813 | 205 | 238 | 156 | 1.50 | 2.55 | 5.21 | 1.31 | 1.53 |
| -20 | (- 4) | 1077 | 271 | 315 | 182 | 1.69 | 3.38 | 5.88 | 1.48 | 1.72 |
| -15 | (+ 5) | 1361 | 343 | 399 | 204 | 1.85 | 4.28 | 6.65 | 1.67 | 1.95 |
| -10 | (+14) | 1640 | 413 | 481 | 220 | 1.97 | 5.17 | 7.47 | 1.88 | 2.19 |
| -5 | (+23) | 1888 | 476 | 553 | 227 | 2.03 | 5.97 | 8.34 | 2.10 | 2.44 |
| 0 | (+32) | 2079 | 524 | 609 | 221 | 2.04 | 6.60 | 9.22 | 2.32 | 2.70 |

F - CARACTERÍSTICAS EXTERNAS

| | | | |
|--------------------------------------|--------------------------------|------|--------------------------|
| 1 Placa base | | | |
| 2 Soporte de badeja | No | | |
| 3 Tubos | | | |
| 3.1 SUCCIÓN | 6.5 +0.12/-0.08 | [mm] | (0.256" +0.005"/-0.003") |
| 3.1.1 Material | Cobre | | |
| 3.1.2 Forma | Curvo Paralelo Placa base | | |
| 3.2 DESCARGA | 4.94 +0.08/-0.08 | [mm] | (0.194" +0.003"/-0.003") |
| 3.2.1 Material | Cobre | | |
| 3.2.2 Forma | Curv.Paral.Pl.base +24° atrás | | |
| 3.3 PROCESO | 6.5 +0.12/-0.08 | [mm] | (0.256" +0.005"/-0.003") |
| 3.3.1 Material | Cobre | | |
| 3.3.2 Forma | Curv.Paral.Pl.base + 45° atrás | | |
| 3.4 Tubo enfriador de aceite (Cobre) | No | [mm] | |
| 3.5 Sellado del tudo | Tampa de Gomma | | |