

DEFINICIÓN DEL COMPRESOR

| | |
|------------------------------|------------------------|
| Denominación | FMS A9C |
| Voltage / Frecuencia nominal | 230 V 90-315 Hz |
| Código de Ingeniería | 518000012 |

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 | 1/7 | [hp] |
| 2 Desplazamiento | 6.51 | [cm ³] (0.397 cu.in) |
| 2.1 Diametro [mm] | 21.000 | |
| 2.2 Curso [mm] | 18.800 | |
| 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 | CF01F01 M | |
| 3 Capacitor de Arranque | - | [µF(VAC minimo)] |
| 4 Capacitor de marcha | - | [µF(VAC minimo)] |
| 5 Protección del motor | CF01F01 M00 XX F | |
| 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) | - | [A] - Medido según UL 984 |
| 9 FLA - Corriente a plena carga L/MBP (90/315 Hz) | - | [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 - IRAM - 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 (Qe) +/- 5% | | | Potencia de entrada (We) +/- 5% | Corriente eléctrica +/- 5% | Flujo másico +/- 5% | Eficiencia EER & COP +/- 7% | | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| 235 | 59 | 69 | 39 | 0.32 | 0.74 | 6.06 | 1.53 | 1.78 | |

| | | | | | | | | | |
|---|----------|-----|---------------------------------------|-------------------------------|--|--------------------------------|-----------|-------|--|
| 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 (Qe) +/- 5% | | | Potencia de entrada (We) +/- 5% | Corriente eléctrica +/- 5% | Flujo másico +/- 5% | Eficiencia EER & COP +/- 7% | | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| 351 | 88 | 103 | 57 | 0.47 | 1.10 | 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 (Qe) +/- 5% | | | Potencia de entrada (We) +/- 5% | Corriente eléctrica +/- 5% | Flujo másico +/- 5% | Eficiencia EER & COP +/- 7% | | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| 515 | 130 | 151 | 85 | 0.63 | 1.62 | 6.08 | 1.53 | 1.78 | |

| | | | | | | | | | |
|---|----------|-----|---------------------------------------|-------------------------------|--|--------------------------------|-----------|-------|--|
| 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 (Qe) +/- 5% | | | Potencia de entrada (We) +/- 5% | Corriente eléctrica +/- 5% | Flujo másico +/- 5% | Eficiencia EER & COP +/- 7% | | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| 734 | 185 | 215 | 133 | 0.97 | 2.30 | 5.53 | 1.39 | 1.62 | |

E - PERFORMANCE - CURVAS

| | | | | | | | | | | |
|---|---|----------|------------------------------------|------------------------------------|--|------------------------|--------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V1800RPM | | | ASHRAE32 Estática | | (Temp. de condensación 35°C (+95°F)) | | | | | |
| Temperatura de evaporación | Capacidad de refrigeración (Qe) +/- 5% | | | Potencia de entrada (We) +/- 5% | Corriente eléctrica +/- 5% | Flujo másico +/- 5% | Eficiencia EER & COP +/- 7% | | | |
| | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| °C (°F) | | | | | | | | | | |
| -35 (-31) | 127 | 32 | 37 | 23 | 0.20 | 0.40 | 5.41 | 1.36 | 1.59 | |
| -30 (-22) | 177 | 45 | 52 | 27 | 0.23 | 0.56 | 6.48 | 1.63 | 1.90 | |
| -25 (-13) | 238 | 60 | 70 | 31 | 0.26 | 0.75 | 7.55 | 1.90 | 2.21 | |
| -20 (- 4) | 310 | 78 | 91 | 36 | 0.30 | 0.97 | 8.70 | 2.19 | 2.55 | |
| -15 (+ 5) | 396 | 100 | 116 | 40 | 0.33 | 1.25 | 9.98 | 2.52 | 2.93 | |
| -10 (+14) | 497 | 125 | 146 | 43 | 0.36 | 1.57 | 11.47 | 2.89 | 3.36 | |
| -5 (+23) | 614 | 155 | 180 | 46 | 0.38 | 1.94 | 13.22 | 3.33 | 3.87 | |
| 0 (+32) | 749 | 189 | 220 | 48 | 0.39 | 2.37 | 15.30 | 3.86 | 4.48 | |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|--|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V1800RPM | | Estática | | | | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración (Q _e) | | | Potencia de entrada (W _e) | Corriente eléctrica | Flujo másicc | Eficiencia EER & COP | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 119 | 30 | 35 | 25 | 0.21 | 0.37 | 4.82 | 1.21 | 1.41 |
| -30 | (-22) | 167 | 42 | 49 | 29 | 0.25 | 0.52 | 5.74 | 1.45 | 1.68 |
| -25 | (-13) | 225 | 57 | 66 | 34 | 0.29 | 0.71 | 6.61 | 1.66 | 1.94 |
| -20 | (- 4) | 296 | 74 | 87 | 39 | 0.33 | 0.93 | 7.48 | 1.88 | 2.19 |
| -15 | (+ 5) | 379 | 95 | 111 | 45 | 0.37 | 1.19 | 8.42 | 2.12 | 2.47 |
| -10 | (+14) | 477 | 120 | 140 | 50 | 0.41 | 1.51 | 9.50 | 2.39 | 2.78 |
| -5 | (+23) | 592 | 149 | 173 | 55 | 0.45 | 1.87 | 10.78 | 2.72 | 3.16 |
| 0 | (+32) | 724 | 183 | 212 | 59 | 0.48 | 2.30 | 12.33 | 3.11 | 3.61 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|--|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V1800RPM | | Estática | | | | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración (Q _e) | | | Potencia de entrada (W _e) | Corriente eléctrica | Flujo másicc | Eficiencia EER & COP | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 103 | 26 | 30 | 25 | 0.21 | 0.32 | 4.16 | 1.05 | 1.22 |
| -30 | (-22) | 151 | 38 | 44 | 30 | 0.25 | 0.47 | 5.06 | 1.28 | 1.48 |
| -25 | (-13) | 210 | 53 | 61 | 36 | 0.30 | 0.66 | 5.84 | 1.47 | 1.71 |
| -20 | (- 4) | 280 | 71 | 82 | 43 | 0.35 | 0.88 | 6.55 | 1.65 | 1.92 |
| -15 | (+ 5) | 363 | 91 | 106 | 50 | 0.41 | 1.14 | 7.28 | 1.83 | 2.13 |
| -10 | (+14) | 461 | 116 | 135 | 57 | 0.46 | 1.45 | 8.08 | 2.04 | 2.37 |
| -5 | (+23) | 575 | 145 | 169 | 64 | 0.51 | 1.82 | 9.01 | 2.27 | 2.64 |
| 0 | (+32) | 707 | 178 | 207 | 70 | 0.55 | 2.24 | 10.15 | 2.56 | 2.98 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|-------|--|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V2800RPM | | Estática | | | | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración (Q _e) | | | Potencia de entrada (W _e) | Corriente eléctrica | Flujo másicc | Eficiencia EER & COP | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 204 | 51 | 60 | 36 | 0.72 | 0.64 | 5.68 | 1.43 | 1.67 |
| -30 | (-22) | 277 | 70 | 81 | 42 | 0.83 | 0.87 | 6.58 | 1.66 | 1.93 |
| -25 | (-13) | 368 | 93 | 108 | 49 | 0.95 | 1.15 | 7.56 | 1.90 | 2.21 |
| -20 | (- 4) | 479 | 121 | 140 | 55 | 1.07 | 1.50 | 8.64 | 2.18 | 2.53 |
| -15 | (+ 5) | 611 | 154 | 179 | 62 | 1.19 | 1.92 | 9.86 | 2.48 | 2.89 |
| -10 | (+14) | 766 | 193 | 225 | 68 | 1.29 | 2.42 | 11.25 | 2.83 | 3.30 |
| -5 | (+23) | 947 | 239 | 278 | 74 | 1.38 | 2.99 | 12.84 | 3.24 | 3.76 |
| 0 | (+32) | 1154 | 291 | 338 | 78 | 1.45 | 3.66 | 14.67 | 3.70 | 4.30 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|--|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V2800RPM | | Estática | | | | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración (Q _e) | | | Potencia de entrada (W _e) | Corriente eléctrica | Flujo másicc | Eficiencia EER & COP | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 191 | 48 | 56 | 37 | 0.74 | 0.60 | 5.13 | 1.29 | 1.50 |
| -30 | (-22) | 260 | 65 | 76 | 44 | 0.87 | 0.81 | 5.88 | 1.48 | 1.72 |
| -25 | (-13) | 347 | 87 | 102 | 52 | 1.01 | 1.09 | 6.66 | 1.68 | 1.95 |
| -20 | (- 4) | 454 | 114 | 133 | 60 | 1.16 | 1.43 | 7.50 | 1.89 | 2.20 |
| -15 | (+ 5) | 582 | 147 | 171 | 69 | 1.30 | 1.83 | 8.44 | 2.13 | 2.47 |
| -10 | (+14) | 734 | 185 | 215 | 77 | 1.44 | 2.32 | 9.51 | 2.40 | 2.79 |
| -5 | (+23) | 911 | 230 | 267 | 85 | 1.57 | 2.88 | 10.74 | 2.71 | 3.15 |
| 0 | (+32) | 1115 | 281 | 327 | 92 | 1.68 | 3.53 | 12.16 | 3.06 | 3.56 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|--|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V2800RPM | | Estática | | | | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración (Q _e) | | | Potencia de entrada (W _e) | Corriente eléctrica | Flujo másicc | Eficiencia EER & COP | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 167 | 42 | 49 | 37 | 0.73 | 0.52 | 4.57 | 1.15 | 1.34 |
| -30 | (-22) | 234 | 59 | 69 | 45 | 0.88 | 0.73 | 5.27 | 1.33 | 1.54 |
| -25 | (-13) | 320 | 81 | 94 | 54 | 1.04 | 1.00 | 5.96 | 1.50 | 1.75 |
| -20 | (- 4) | 426 | 107 | 125 | 64 | 1.21 | 1.34 | 6.68 | 1.68 | 1.96 |
| -15 | (+ 5) | 553 | 139 | 162 | 74 | 1.39 | 1.74 | 7.44 | 1.88 | 2.18 |
| -10 | (+14) | 703 | 177 | 206 | 85 | 1.56 | 2.22 | 8.29 | 2.09 | 2.43 |
| -5 | (+23) | 879 | 222 | 258 | 95 | 1.73 | 2.78 | 9.26 | 2.33 | 2.71 |
| 0 | (+32) | 1082 | 273 | 317 | 105 | 1.88 | 3.43 | 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 (Q _e) | | | Potencia de entrada (W _e) | Corriente eléctrica | Flujo másicc | Eficiencia EER & COP | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 288 | 73 | 84 | 53 | 0.43 | 0.90 | 5.42 | 1.37 | 1.59 |
| -30 | (-22) | 403 | 101 | 118 | 63 | 0.51 | 1.26 | 6.35 | 1.60 | 1.86 |
| -25 | (-13) | 530 | 134 | 155 | 73 | 0.58 | 1.66 | 7.25 | 1.83 | 2.13 |
| -20 | (- 4) | 678 | 171 | 199 | 83 | 0.65 | 2.13 | 8.20 | 2.07 | 2.40 |
| -15 | (+ 5) | 854 | 215 | 250 | 92 | 0.71 | 2.69 | 9.24 | 2.33 | 2.71 |
| -10 | (+14) | 1066 | 269 | 312 | 102 | 0.78 | 3.36 | 10.41 | 2.62 | 3.05 |
| -5 | (+23) | 1321 | 333 | 387 | 112 | 0.85 | 4.18 | 11.78 | 2.97 | 3.45 |
| 0 | (+32) | 1627 | 410 | 477 | 123 | 0.93 | 5.16 | 13.39 | 3.37 | 3.92 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|---------------------------------|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V4000RPM | | Estática | | | | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración (Qe) | | | Potencia de entrada (We) | Corriente eléctrica | Flujo másicc | Eficiencia EER & COP | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 252 | 63 | 74 | 52 | 0.42 | 0.79 | 4.83 | 1.22 | 1.42 |
| -30 | (-22) | 369 | 93 | 108 | 65 | 0.51 | 1.16 | 5.66 | 1.43 | 1.66 |
| -25 | (-13) | 497 | 125 | 146 | 77 | 0.60 | 1.56 | 6.43 | 1.62 | 1.88 |
| -20 | (- 4) | 645 | 162 | 189 | 89 | 0.69 | 2.03 | 7.22 | 1.82 | 2.11 |
| -15 | (+ 5) | 819 | 206 | 240 | 102 | 0.77 | 2.58 | 8.06 | 2.03 | 2.36 |
| -10 | (+14) | 1028 | 259 | 301 | 114 | 0.85 | 3.24 | 9.02 | 2.27 | 2.64 |
| -5 | (+23) | 1279 | 322 | 375 | 126 | 0.94 | 4.04 | 10.13 | 2.55 | 2.97 |
| 0 | (+32) | 1579 | 398 | 463 | 139 | 1.03 | 5.01 | 11.46 | 2.89 | 3.36 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|---------------------------------|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V4000RPM | | Estática | | | | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración (Qe) | | | Potencia de entrada (We) | Corriente eléctrica | Flujo másicc | Eficiencia EER & COP | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 213 | 54 | 62 | 49 | 0.40 | 0.67 | 4.33 | 1.09 | 1.27 |
| -30 | (-22) | 333 | 84 | 98 | 65 | 0.51 | 1.05 | 5.11 | 1.29 | 1.50 |
| -25 | (-13) | 464 | 117 | 136 | 80 | 0.62 | 1.46 | 5.82 | 1.47 | 1.71 |
| -20 | (- 4) | 612 | 154 | 179 | 94 | 0.72 | 1.92 | 6.51 | 1.64 | 1.91 |
| -15 | (+ 5) | 786 | 198 | 230 | 109 | 0.82 | 2.47 | 7.22 | 1.82 | 2.12 |
| -10 | (+14) | 993 | 250 | 291 | 124 | 0.92 | 3.13 | 8.02 | 2.02 | 2.35 |
| -5 | (+23) | 1240 | 313 | 363 | 138 | 1.02 | 3.92 | 8.95 | 2.26 | 2.62 |
| 0 | (+32) | 1536 | 387 | 450 | 154 | 1.13 | 4.87 | 10.07 | 2.54 | 2.95 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|-------|---------------------------------|----------|-----|--------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V6300RPM | | Estática | | | | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración (Qe) | | | Potencia de entrada (We) | Corriente eléctrica | Flujo másicc | Eficiencia EER & COP | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -30 | (-22) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -25 | (-13) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -20 | (- 4) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -15 | (+ 5) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -10 | (+14) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -5 | (+23) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0 | (+32) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|---------------------------------|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V6300RPM | | Estática | | | | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración (Qe) | | | Potencia de entrada (We) | Corriente eléctrica | Flujo másicc | Eficiencia EER & COP | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -30 | (-22) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -25 | (-13) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -20 | (- 4) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -15 | (+ 5) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -10 | (+14) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -5 | (+23) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0 | (+32) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|---------------------------------|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V6300RPM | | Estática | | | | | | | | |
| Temperatura de evaporación | | Capacidad de refrigeración (Qe) | | | Potencia de entrada (We) | Corriente eléctrica | Flujo másicc | Eficiencia EER & COP | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -30 | (-22) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -25 | (-13) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -20 | (- 4) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -15 | (+ 5) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -10 | (+14) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| -5 | (+23) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0 | (+32) | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

F - CARACTERÍSTICAS EXTERNAS

| | | | |
|--------------------------------------|--------------------------------|------|--------------------------|
| 1 Placa base | | | |
| 2 Soporte de badeja | No | | |
| 3 Tubos | | | |
| 3.1 SUCCIÓN | 8.2 +0.12/-0.08 | [mm] | (0.323" +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 | | |