

DEFINICIÓN DEL COMPRESOR

| | |
|------------------------------|-----------------|
| Denominación | FMS Y9C |
| Voltage / Frecuencia nominal | 230 V 90-315 Hz |
| Código de Ingeniería | 518000045 |

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 | 15.35 | [Ω en 25°C (77°F)] +/- 8% |
| 7 Resistencia del motor - bobina marcha | 15.35 | [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 - 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 (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] | |
| 228 | 57 | 67 | 42 | 0.40 | 0.72 | 5.44 | 1.37 | 1.59 | |

| | | | | | | | | | |
|-----------------------------------------------|----------|-----|---------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------|-----------|-------|--|
| 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] | |
| 509 | 128 | 149 | 88 | 0.83 | 1.60 | 5.80 | 1.46 | 1.70 | |

| | | | | | | | | | |
|-----------------------------------------------|----------|-----|---------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------|-----------|-------|--|
| CONDICIONES DE PRUEBA: @220V5000RPM | | | 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] | |
| 619 | 156 | 181 | 110 | 1.04 | 1.94 | 5.63 | 1.42 | 1.65 | |

| | | | | | | | | | |
|-----------------------------------------------|----------|-----|---------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------|-----------|-------|--|
| 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] | |
| 733 | 185 | 215 | 136 | 1.29 | 2.30 | 5.39 | 1.36 | 1.58 | |

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 | 26 | 0.25 | 0.40 | 4.90 | 1.23 | 1.44 | |
| -30 (-22) | 177 | 45 | 52 | 30 | 0.29 | 0.55 | 5.89 | 1.48 | 1.72 | |
| -25 (-13) | 235 | 59 | 69 | 34 | 0.33 | 0.74 | 6.85 | 1.73 | 2.01 | |
| -20 (- 4) | 305 | 77 | 89 | 39 | 0.37 | 0.96 | 7.88 | 1.99 | 2.31 | |
| -15 (+ 5) | 387 | 97 | 113 | 43 | 0.41 | 1.22 | 9.03 | 2.27 | 2.64 | |
| -10 (+14) | 484 | 122 | 142 | 47 | 0.44 | 1.53 | 10.37 | 2.61 | 3.04 | |
| -5 (+23) | 599 | 151 | 176 | 50 | 0.47 | 1.89 | 11.98 | 3.02 | 3.51 | |
| 0 (+32) | 733 | 185 | 215 | 52 | 0.49 | 2.32 | 13.92 | 3.51 | 4.08 | |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|---------------------------------|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V1800RPM | | 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) | 115 | 29 | 34 | 27 | 0.26 | 0.36 | 4.32 | 1.09 | 1.27 |
| -30 | (-22) | 163 | 41 | 48 | 31 | 0.30 | 0.51 | 5.18 | 1.30 | 1.52 |
| -25 | (-13) | 221 | 56 | 65 | 37 | 0.35 | 0.69 | 5.96 | 1.50 | 1.75 |
| -20 | (- 4) | 290 | 73 | 85 | 43 | 0.41 | 0.91 | 6.75 | 1.70 | 1.98 |
| -15 | (+ 5) | 372 | 94 | 109 | 49 | 0.46 | 1.17 | 7.60 | 1.92 | 2.23 |
| -10 | (+14) | 470 | 118 | 138 | 55 | 0.52 | 1.48 | 8.60 | 2.17 | 2.52 |
| -5 | (+23) | 586 | 148 | 172 | 60 | 0.57 | 1.85 | 9.81 | 2.47 | 2.88 |
| 0 | (+32) | 721 | 182 | 211 | 64 | 0.61 | 2.29 | 11.31 | 2.85 | 3.31 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|---------------------------------|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V1800RPM | | 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) | 110 | 28 | 32 | 28 | 0.26 | 0.34 | 3.95 | 0.99 | 1.16 |
| -30 | (-22) | 156 | 39 | 46 | 33 | 0.32 | 0.49 | 4.71 | 1.19 | 1.38 |
| -25 | (-13) | 211 | 53 | 62 | 40 | 0.38 | 0.66 | 5.36 | 1.35 | 1.57 |
| -20 | (- 4) | 279 | 70 | 82 | 47 | 0.45 | 0.87 | 5.95 | 1.50 | 1.74 |
| -15 | (+ 5) | 360 | 91 | 105 | 55 | 0.52 | 1.13 | 6.56 | 1.65 | 1.92 |
| -10 | (+14) | 457 | 115 | 134 | 63 | 0.60 | 1.44 | 7.25 | 1.83 | 2.13 |
| -5 | (+23) | 573 | 144 | 168 | 71 | 0.67 | 1.81 | 8.11 | 2.04 | 2.38 |
| 0 | (+32) | 709 | 179 | 208 | 78 | 0.74 | 2.25 | 9.20 | 2.32 | 2.69 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|-------|---------------------------------|----------|-----|--------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V2800RPM | | 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) | 198 | 50 | 58 | 39 | 0.37 | 0.62 | 5.07 | 1.28 | 1.49 |
| -30 | (-22) | 269 | 68 | 79 | 45 | 0.43 | 0.84 | 6.02 | 1.52 | 1.76 |
| -25 | (-13) | 360 | 91 | 106 | 51 | 0.49 | 1.13 | 7.02 | 1.77 | 2.06 |
| -20 | (- 4) | 472 | 119 | 138 | 58 | 0.56 | 1.48 | 8.12 | 2.05 | 2.38 |
| -15 | (+ 5) | 604 | 152 | 177 | 65 | 0.62 | 1.90 | 9.33 | 2.35 | 2.73 |
| -10 | (+14) | 757 | 191 | 222 | 71 | 0.68 | 2.39 | 10.69 | 2.69 | 3.13 |
| -5 | (+23) | 932 | 235 | 273 | 76 | 0.72 | 2.95 | 12.22 | 3.08 | 3.58 |
| 0 | (+32) | 1129 | 284 | 331 | 80 | 0.75 | 3.58 | 13.95 | 3.52 | 4.09 |

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) | 186 | 47 | 55 | 40 | 0.38 | 0.58 | 4.66 | 1.18 | 1.37 |
| -30 | (-22) | 253 | 64 | 74 | 47 | 0.44 | 0.79 | 5.46 | 1.38 | 1.60 |
| -25 | (-13) | 341 | 86 | 100 | 54 | 0.52 | 1.07 | 6.27 | 1.58 | 1.84 |
| -20 | (- 4) | 449 | 113 | 132 | 63 | 0.60 | 1.41 | 7.12 | 1.79 | 2.09 |
| -15 | (+ 5) | 578 | 146 | 169 | 72 | 0.68 | 1.82 | 8.04 | 2.03 | 2.36 |
| -10 | (+14) | 728 | 184 | 213 | 80 | 0.76 | 2.30 | 9.06 | 2.28 | 2.66 |
| -5 | (+23) | 900 | 227 | 264 | 88 | 0.84 | 2.85 | 10.21 | 2.57 | 2.99 |
| 0 | (+32) | 1094 | 276 | 321 | 95 | 0.91 | 3.47 | 11.51 | 2.90 | 3.37 |

| 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) | 169 | 43 | 50 | 41 | 0.39 | 0.53 | 4.11 | 1.04 | 1.20 |
| -30 | (-22) | 234 | 59 | 69 | 48 | 0.46 | 0.73 | 4.87 | 1.23 | 1.43 |
| -25 | (-13) | 319 | 80 | 93 | 57 | 0.54 | 1.00 | 5.60 | 1.41 | 1.64 |
| -20 | (- 4) | 424 | 107 | 124 | 67 | 0.64 | 1.33 | 6.32 | 1.59 | 1.85 |
| -15 | (+ 5) | 551 | 139 | 161 | 78 | 0.74 | 1.74 | 7.06 | 1.78 | 2.07 |
| -10 | (+14) | 699 | 176 | 205 | 89 | 0.85 | 2.21 | 7.85 | 1.98 | 2.30 |
| -5 | (+23) | 869 | 219 | 255 | 100 | 0.95 | 2.75 | 8.72 | 2.20 | 2.56 |
| 0 | (+32) | 1061 | 267 | 311 | 109 | 1.05 | 3.36 | 9.70 | 2.44 | 2.84 |

| 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) | 284 | 72 | 83 | 56 | 0.53 | 0.89 | 5.06 | 1.28 | 1.48 |
| -30 | (-22) | 391 | 99 | 115 | 66 | 0.66 | 1.23 | 5.90 | 1.49 | 1.73 |
| -25 | (-13) | 518 | 130 | 152 | 77 | 0.76 | 1.62 | 6.78 | 1.71 | 1.99 |
| -20 | (- 4) | 669 | 169 | 196 | 87 | 0.84 | 2.10 | 7.73 | 1.95 | 2.27 |
| -15 | (+ 5) | 848 | 214 | 249 | 96 | 0.92 | 2.67 | 8.80 | 2.22 | 2.58 |
| -10 | (+14) | 1060 | 267 | 311 | 106 | 1.00 | 3.34 | 10.01 | 2.52 | 2.93 |
| -5 | (+23) | 1310 | 330 | 384 | 115 | 1.09 | 4.14 | 11.39 | 2.87 | 3.34 |
| 0 | (+32) | 1601 | 403 | 469 | 123 | 1.21 | 5.07 | 13.00 | 3.27 | 3.81 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°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) | 253 | 64 | 74 | 56 | 0.53 | 0.79 | 4.52 | 1.14 | 1.32 |
| -30 | (-22) | 361 | 91 | 106 | 68 | 0.67 | 1.13 | 5.30 | 1.34 | 1.55 |
| -25 | (-13) | 488 | 123 | 143 | 80 | 0.79 | 1.53 | 6.08 | 1.53 | 1.78 |
| -20 | (- 4) | 638 | 161 | 187 | 93 | 0.90 | 2.00 | 6.88 | 1.73 | 2.02 |
| -15 | (+ 5) | 815 | 205 | 239 | 105 | 1.00 | 2.57 | 7.74 | 1.95 | 2.27 |
| -10 | (+14) | 1024 | 258 | 300 | 118 | 1.11 | 3.23 | 8.69 | 2.19 | 2.55 |
| -5 | (+23) | 1269 | 320 | 372 | 130 | 1.24 | 4.01 | 9.77 | 2.46 | 2.86 |
| 0 | (+32) | 1555 | 392 | 456 | 142 | 1.40 | 4.93 | 11.01 | 2.77 | 3.23 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°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) | 227 | 57 | 67 | 56 | 0.53 | 0.71 | 4.04 | 1.02 | 1.18 |
| -30 | (-22) | 336 | 85 | 98 | 69 | 0.69 | 1.05 | 4.83 | 1.22 | 1.41 |
| -25 | (-13) | 462 | 116 | 135 | 83 | 0.83 | 1.45 | 5.55 | 1.40 | 1.63 |
| -20 | (- 4) | 610 | 154 | 179 | 98 | 0.95 | 1.92 | 6.26 | 1.58 | 1.83 |
| -15 | (+ 5) | 785 | 198 | 230 | 113 | 1.07 | 2.47 | 6.96 | 1.75 | 2.04 |
| -10 | (+14) | 990 | 249 | 290 | 128 | 1.21 | 3.12 | 7.71 | 1.94 | 2.26 |
| -5 | (+23) | 1230 | 310 | 360 | 144 | 1.37 | 3.89 | 8.54 | 2.15 | 2.50 |
| 0 | (+32) | 1510 | 380 | 442 | 160 | 1.56 | 4.79 | 9.48 | 2.39 | 2.78 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|-------|----------------------------------------------|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V6300RPM | | 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) | 423 | 107 | 124 | 93 | 0.90 | 1.33 | 4.57 | 1.15 | 1.34 |
| -30 | (-22) | 574 | 145 | 168 | 112 | 1.00 | 1.80 | 5.16 | 1.30 | 1.51 |
| -25 | (-13) | 772 | 195 | 226 | 130 | 1.16 | 2.42 | 5.95 | 1.50 | 1.74 |
| -20 | (- 4) | 1001 | 252 | 293 | 144 | 1.36 | 3.14 | 6.92 | 1.74 | 2.03 |
| -15 | (+ 5) | 1239 | 312 | 363 | 155 | 1.56 | 3.90 | 8.03 | 2.02 | 2.35 |
| -10 | (+14) | 1469 | 370 | 431 | 160 | 1.73 | 4.63 | 9.25 | 2.33 | 2.71 |
| -5 | (+23) | 1672 | 421 | 490 | 159 | 1.83 | 5.28 | 10.54 | 2.66 | 3.09 |
| 0 | (+32) | 1827 | 460 | 535 | 150 | 1.84 | 5.79 | 11.87 | 2.99 | 3.48 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|-------|----------------------------------------------|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V6300RPM | | 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) | 402 | 101 | 118 | 95 | 0.92 | 1.26 | 4.24 | 1.07 | 1.24 |
| -30 | (-22) | 539 | 136 | 158 | 114 | 1.03 | 1.69 | 4.77 | 1.20 | 1.40 |
| -25 | (-13) | 722 | 182 | 212 | 132 | 1.20 | 2.27 | 5.49 | 1.38 | 1.61 |
| -20 | (- 4) | 931 | 235 | 273 | 146 | 1.40 | 2.93 | 6.36 | 1.60 | 1.86 |
| -15 | (+ 5) | 1146 | 289 | 336 | 156 | 1.60 | 3.61 | 7.36 | 1.85 | 2.16 |
| -10 | (+14) | 1350 | 340 | 396 | 160 | 1.77 | 4.26 | 8.45 | 2.13 | 2.48 |
| -5 | (+23) | 1522 | 384 | 446 | 159 | 1.87 | 4.81 | 9.60 | 2.42 | 2.81 |
| 0 | (+32) | 1644 | 414 | 482 | 149 | 1.87 | 5.22 | 10.77 | 2.71 | 3.16 |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|-------|----------------------------------------------|----------|-----|---------------------------------------|---------------------|--------------|----------------------|-----------|-------|
| @220V6300RPM | | 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) | 380 | 96 | 111 | 94 | 0.89 | 1.19 | 4.05 | 1.02 | 1.19 |
| -30 | (-22) | 504 | 127 | 148 | 113 | 1.02 | 1.58 | 4.50 | 1.13 | 1.32 |
| -25 | (-13) | 669 | 169 | 196 | 131 | 1.22 | 2.10 | 5.11 | 1.29 | 1.50 |
| -20 | (- 4) | 857 | 216 | 251 | 145 | 1.44 | 2.69 | 5.87 | 1.48 | 1.72 |
| -15 | (+ 5) | 1049 | 264 | 307 | 155 | 1.66 | 3.30 | 6.74 | 1.70 | 1.97 |
| -10 | (+14) | 1224 | 309 | 359 | 160 | 1.84 | 3.86 | 7.68 | 1.93 | 2.25 |
| -5 | (+23) | 1365 | 344 | 400 | 158 | 1.96 | 4.32 | 8.65 | 2.18 | 2.54 |
| 0 | (+32) | 1452 | 366 | 426 | 148 | 1.98 | 4.61 | 9.64 | 2.43 | 2.83 |

F - CARACTERÍSTICAS EXTERNAS

| | | | |
|--------------------------------------|----------------|------|-----------|
| 1 Placa base | | | |
| 2 Soporte de badeja | No | | |
| 3 Tubos | | | |
| 3.1 SUCCIÓN | 6.5 | [mm] | (0.256") |
| 3.1.1 Material | | | |
| 3.1.2 Forma | | | |
| 3.2 DESCARGA | 4.94 | [mm] | (0.194") |
| 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 | | |