

DEFINICIÓN DEL COMPRESOR

| | |
|------------------------------|------------------------|
| Denominación | VES G9C |
| Voltage / Frecuencia nominal | 230 V 32-150 Hz |
| Código de Ingeniería | 513907478 |

A - APLICACIÓN / CONDICIONES LÍMITES DE TRABAJO

| | | | |
|---|-------------------------------|-----------------------------------|----------------|
| 1 Tipo | Compresor recíproco | | |
| 2 Refrigerante | R-600a | | |
| 3 Voltaje y frecuencia nominal | 230 / 32-150 | [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) | Estática | 187 para 255 V | 187 para 255 V |
| 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 | 1/5 | [hp] |
| 2 Desplazamiento | 9.04 | [cm ³] (0.552 cu.in) |
| 2.1 Diametro [mm] | 24.000 | |
| 2.2 Curso [mm] | 20.000 | |
| 3 Carga de aceite | 205 | [ml] (6.93 fl.oz) |
| 3.1 Aceites aprobados | | |
| 3.2 Tipo/Viscosidad del aceite | ALQUILB / ISO5 | |
| 4 Peso (com carga de aceite) | 6.15 | [kg] (13.56 lb.) |
| 5 Carga de nitrógeno | 0.2 para 0.3 | [kgf/cm ²] (2.84 para 4.27 psig) |

C - DATOS ELÉCTRICOS

| | | |
|---|----------------------------------|---------------------------|
| 1 Voltaje nominal/Frecuencia/Numero de fases | 230 V 31.7-150 Hz 3~ (Trifásico) | |
| 2 Tipo de Dispositivo de Arranque | Inverter | |
| 2.1 Dispositivo de Arranque | CF01F22 M | |
| 3 Capacitor de Arranque | - | [µF(VAC minimo)] |
| 4 Capacitor de marcha | - | [µF(VAC minimo)] |
| 5 Protección del motor | CF01F12 M 0.0 XX F X | |
| 6 Resistencia del motor - bobina arranque | 15.60 | [Ω en 25°C (77°F)] +/- 8% |
| 7 Resistencia del motor - bobina marcha | 15.60 | [Ω en 25°C (77°F)] +/- 8% |
| 8 LRA - Corriente com rotor trabado (32/150 Hz) | 2.10 | [A] - Medido según UL 984 |
| 9 FLA - Corriente a plena carga L/MBP (32/150 Hz) | - | [A] - Medido según UL 984 |
| 10 FLA - Corriente a plena carga HBP (32/150 Hz) | - | [A] - Medido según UL 984 |
| 11 Institutos de aprobación | | |

D - PERFORMANCE - DATOS CHECK POINT

| | | | | | | | | |
|--|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| CONDICIONES DE PRUEBA: @220V950RPM | | | 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] |
| 160 | 40 | 47 | 25 | 0.24 | 0.50 | 6.49 | 1.64 | 1.90 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| 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] |
| 235 | 59 | 69 | 35 | 0.30 | 0.74 | 6.69 | 1.69 | 1.96 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| CONDICIONES DE PRUEBA: @220V1600RPM | | | 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] |
| 293 | 74 | 86 | 43 | 0.35 | 0.92 | 6.76 | 1.70 | 1.98 |

| | | | | | | | | |
|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| 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] |
| 365 | 92 | 107 | 53 | 0.42 | 1.15 | 6.86 | 1.73 | 2.01 |

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|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| 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] |
| 546 | 138 | 160 | 80 | 0.62 | 1.71 | 6.82 | 1.72 | 2.00 |

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|---|----------|-----|---------------------------------------|--------------------------------|---|--|-----------|-------|
| 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] |
| 717 | 181 | 210 | 111 | 0.83 | 2.25 | 6.48 | 1.63 | 1.90 |

D - PERFORMANCE - DATOS CHECK POINT

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|---|----------|-----|---------------------------------------|--------------------------------|--|-------------------------------|
| CONDICIONES DE PRUEBA: @220V4500RPM | | | 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] |
| 740 | 187 | 217 | 114 | 0.89 | 2.32 | 6.48 1.63 1.90 |

E - PERFORMANCE - CURVAS

| | | | | | | | | | | |
|--|-------|--------------------------------------|------------------------------------|-----|--|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA: @220V950RPM | | | 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] | [W/W] |
| -35 | (-31) | 104 | 26 | 31 | 15 | 0.15 | 0.33 | 6.75 | 1.70 | 1.98 |
| -30 | (-22) | 140 | 35 | 41 | 18 | 0.17 | 0.44 | 7.66 | 1.93 | 2.24 |
| -25 | (-13) | 181 | 46 | 53 | 21 | 0.19 | 0.57 | 8.67 | 2.19 | 2.54 |
| -20 | (- 4) | 230 | 58 | 67 | 23 | 0.21 | 0.72 | 9.82 | 2.48 | 2.88 |
| -15 | (+ 5) | 288 | 73 | 84 | 26 | 0.22 | 0.91 | 11.15 | 2.81 | 3.27 |
| -10 | (+14) | 359 | 90 | 105 | 28 | 0.23 | 1.13 | 12.71 | 3.20 | 3.72 |
| -5 | (+23) | 445 | 112 | 130 | 31 | 0.25 | 1.41 | 14.53 | 3.66 | 4.26 |
| 0 | (+32) | 547 | 138 | 160 | 33 | 0.28 | 1.73 | 16.66 | 4.20 | 4.88 |

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|--|-------|--------------------------------------|------------------------------------|-----|---|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA: @220V950RPM | | | ASHRAE32 Estática | | (Temp. de condensación 45°C (+113°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] | [W/W] |
| -35 | (-31) | 96 | 24 | 28 | 16 | 0.15 | 0.30 | 6.06 | 1.53 | 1.78 |
| -30 | (-22) | 131 | 33 | 38 | 19 | 0.18 | 0.41 | 6.80 | 1.71 | 1.99 |
| -25 | (-13) | 172 | 43 | 50 | 23 | 0.21 | 0.54 | 7.59 | 1.91 | 2.22 |
| -20 | (- 4) | 220 | 55 | 65 | 26 | 0.23 | 0.69 | 8.47 | 2.13 | 2.48 |
| -15 | (+ 5) | 279 | 70 | 82 | 29 | 0.25 | 0.88 | 9.48 | 2.39 | 2.78 |
| -10 | (+14) | 350 | 88 | 102 | 33 | 0.27 | 1.10 | 10.67 | 2.69 | 3.13 |
| -5 | (+23) | 436 | 110 | 128 | 36 | 0.30 | 1.38 | 12.08 | 3.04 | 3.54 |
| 0 | (+32) | 539 | 136 | 158 | 40 | 0.33 | 1.71 | 13.74 | 3.46 | 4.03 |

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|--|-------|--------------------------------------|------------------------------------|-----|---|--------------------------------|-------------------------|-------------------------------|-----------|-------|
| CONDICIONES DE PRUEBA: @220V950RPM | | | ASHRAE32 Estática | | (Temp. de condensación 55°C (+131°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] | [W/W] |
| -35 | (-31) | 82 | 21 | 24 | 16 | 0.14 | 0.26 | 5.27 | 1.33 | 1.54 |
| -30 | (-22) | 117 | 30 | 34 | 20 | 0.18 | 0.37 | 5.93 | 1.49 | 1.74 |
| -25 | (-13) | 158 | 40 | 46 | 24 | 0.22 | 0.50 | 6.59 | 1.66 | 1.93 |
| -20 | (- 4) | 207 | 52 | 61 | 29 | 0.25 | 0.65 | 7.29 | 1.84 | 2.14 |
| -15 | (+ 5) | 266 | 67 | 78 | 33 | 0.28 | 0.84 | 8.08 | 2.04 | 2.37 |
| -10 | (+14) | 339 | 85 | 99 | 38 | 0.31 | 1.07 | 8.99 | 2.27 | 2.63 |
| -5 | (+23) | 426 | 107 | 125 | 42 | 0.34 | 1.35 | 10.08 | 2.54 | 2.95 |
| 0 | (+32) | 531 | 134 | 156 | 47 | 0.38 | 1.68 | 11.37 | 2.87 | 3.33 |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 35°C (+95°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) | 144 | 36 | 42 | 21 | 0.19 | 0.45 | 6.78 | 1.71 | 1.99 | |
| -30 (-22) | 191 | 48 | 56 | 25 | 0.22 | 0.60 | 7.70 | 1.94 | 2.26 | |
| -25 (-13) | 247 | 62 | 72 | 28 | 0.24 | 0.78 | 8.72 | 2.20 | 2.56 | |
| -20 (- 4) | 314 | 79 | 92 | 32 | 0.27 | 0.99 | 9.88 | 2.49 | 2.89 | |
| -15 (+ 5) | 395 | 100 | 116 | 35 | 0.29 | 1.24 | 11.22 | 2.83 | 3.29 | |
| -10 (+14) | 492 | 124 | 144 | 38 | 0.31 | 1.55 | 12.79 | 3.22 | 3.75 | |
| -5 (+23) | 609 | 153 | 178 | 42 | 0.33 | 1.92 | 14.63 | 3.69 | 4.29 | |
| 0 (+32) | 747 | 188 | 219 | 45 | 0.36 | 2.37 | 16.78 | 4.23 | 4.92 | |

| 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) | 132 | 33 | 39 | 22 | 0.19 | 0.41 | 6.12 | 1.54 | 1.79 | |
| -30 (-22) | 180 | 45 | 53 | 26 | 0.23 | 0.57 | 6.88 | 1.73 | 2.02 | |
| -25 (-13) | 236 | 60 | 69 | 31 | 0.27 | 0.74 | 7.68 | 1.94 | 2.25 | |
| -20 (- 4) | 303 | 76 | 89 | 35 | 0.30 | 0.95 | 8.58 | 2.16 | 2.51 | |
| -15 (+ 5) | 383 | 97 | 112 | 40 | 0.33 | 1.21 | 9.61 | 2.42 | 2.81 | |
| -10 (+14) | 479 | 121 | 140 | 44 | 0.36 | 1.51 | 10.81 | 2.72 | 3.17 | |
| -5 (+23) | 593 | 149 | 174 | 49 | 0.39 | 1.88 | 12.23 | 3.08 | 3.58 | |
| 0 (+32) | 729 | 184 | 214 | 53 | 0.43 | 2.31 | 13.91 | 3.51 | 4.08 | |

| 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) | 116 | 29 | 34 | 22 | 0.18 | 0.36 | 5.37 | 1.35 | 1.57 | |
| -30 (-22) | 164 | 41 | 48 | 27 | 0.24 | 0.52 | 6.06 | 1.53 | 1.78 | |
| -25 (-13) | 220 | 55 | 64 | 33 | 0.29 | 0.69 | 6.75 | 1.70 | 1.98 | |
| -20 (- 4) | 285 | 72 | 84 | 38 | 0.33 | 0.90 | 7.47 | 1.88 | 2.19 | |
| -15 (+ 5) | 364 | 92 | 107 | 44 | 0.36 | 1.15 | 8.28 | 2.09 | 2.43 | |
| -10 (+14) | 457 | 115 | 134 | 50 | 0.40 | 1.44 | 9.21 | 2.32 | 2.70 | |
| -5 (+23) | 569 | 143 | 167 | 55 | 0.44 | 1.80 | 10.30 | 2.60 | 3.02 | |
| 0 (+32) | 701 | 177 | 205 | 61 | 0.48 | 2.22 | 11.61 | 2.93 | 3.40 | |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|--------|--|
| @220V1600RPM | | 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) | 177 | 45 | 52 | 26 | 0.22 | 0.55 | 6.70 | 1.69 | 1.96 | |
| -30 (-22) | 235 | 59 | 69 | 26 | 0.26 | 0.74 | 7.16 | 1.80 | 2.10 | |
| -25 (-13) | 304 | 76 | 89 | 34 | 0.29 | 0.95 | 9.00 | 2.27 | 2.64 | |
| -20 (- 4) | 386 | 97 | 113 | 42 | 0.32 | 1.21 | 10.72 | 2.70 | 3.14 | |
| -15 (+ 5) | 485 | 122 | 142 | 45 | 0.35 | 1.53 | 10.81 | 2.73 | 3.17 | |
| -10 (+14) | 605 | 152 | 177 | 33 | 0.37 | 1.91 | 7.77 | 1.96 | 2.28 | |
| -5 (+23) | 748 | 189 | 219 | | 0.40 | 2.36 | 0.10 | 0.02 | 0.03 | |
| 0 (+32) | 918 | 231 | 269 | - 62 | 0.43 | 2.91 | - 13.72 | - 3.46 | - 4.02 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|--|---------------|---------------------|-----------|--------|--|
| @220V1600RPM | | 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) | 164 | 41 | 48 | 27 | 0.23 | 0.51 | 6.09 | 1.54 | 1.79 | |
| -30 (-22) | 222 | 56 | 65 | 28 | 0.28 | 0.70 | 6.12 | 1.54 | 1.79 | |
| -25 (-13) | 291 | 73 | 85 | 38 | 0.32 | 0.91 | 7.73 | 1.95 | 2.27 | |
| -20 (- 4) | 372 | 94 | 109 | 47 | 0.36 | 1.17 | 9.43 | 2.38 | 2.76 | |
| -15 (+ 5) | 471 | 119 | 138 | 49 | 0.39 | 1.48 | 9.71 | 2.45 | 2.84 | |
| -10 (+14) | 588 | 148 | 172 | 35 | 0.42 | 1.86 | 7.06 | 1.78 | 2.07 | |
| -5 (+23) | 729 | 184 | 214 | | 0.46 | 2.31 | - 0.02 | 0.00 | 0.00 | |
| 0 (+32) | 896 | 226 | 263 | - 65 | 0.50 | 2.84 | - 13.03 | - 3.28 | - 3.82 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|--|---------------|---------------------|-----------|--------|--|
| @220V1600RPM | | 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) | 146 | 37 | 43 | 26 | 0.22 | 0.46 | 5.54 | 1.40 | 1.62 | |
| -30 (-22) | 204 | 51 | 60 | 30 | 0.28 | 0.64 | 5.13 | 1.29 | 1.50 | |
| -25 (-13) | 272 | 69 | 80 | 41 | 0.34 | 0.85 | 6.51 | 1.64 | 1.91 | |
| -20 (- 4) | 352 | 89 | 103 | 51 | 0.39 | 1.11 | 8.19 | 2.06 | 2.40 | |
| -15 (+ 5) | 448 | 113 | 131 | 52 | 0.43 | 1.41 | 8.65 | 2.18 | 2.53 | |
| -10 (+14) | 563 | 142 | 165 | 38 | 0.48 | 1.78 | 6.39 | 1.61 | 1.87 | |
| -5 (+23) | 701 | 177 | 205 | | 0.52 | 2.22 | - 0.08 | - 0.02 | - 0.02 | |
| 0 (+32) | 864 | 218 | 253 | - 68 | 0.57 | 2.74 | - 12.28 | - 3.10 | - 3.60 | |

E - PERFORMANCE - CURVAS

| 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) | 220 | 55 | 65 | 33 | 0.27 | 0.69 | 6.69 | 1.69 | 1.96 | |
| -30 (-22) | 292 | 74 | 86 | 38 | 0.31 | 0.91 | 7.60 | 1.92 | 2.23 | |
| -25 (-13) | 377 | 95 | 110 | 44 | 0.35 | 1.18 | 8.59 | 2.16 | 2.52 | |
| -20 (- 4) | 479 | 121 | 140 | 49 | 0.39 | 1.51 | 9.70 | 2.44 | 2.84 | |
| -15 (+ 5) | 603 | 152 | 177 | 55 | 0.43 | 1.90 | 10.99 | 2.77 | 3.22 | |
| -10 (+14) | 752 | 190 | 220 | 60 | 0.46 | 2.37 | 12.50 | 3.15 | 3.66 | |
| -5 (+23) | 931 | 235 | 273 | 65 | 0.49 | 2.94 | 14.28 | 3.60 | 4.18 | |
| 0 (+32) | 1143 | 288 | 335 | 70 | 0.52 | 3.62 | 16.37 | 4.12 | 4.80 | |

| 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) | 205 | 52 | 60 | 34 | 0.28 | 0.64 | 6.09 | 1.53 | 1.78 | |
| -30 (-22) | 277 | 70 | 81 | 40 | 0.33 | 0.87 | 6.87 | 1.73 | 2.01 | |
| -25 (-13) | 362 | 91 | 106 | 47 | 0.38 | 1.14 | 7.67 | 1.93 | 2.25 | |
| -20 (- 4) | 463 | 117 | 136 | 54 | 0.43 | 1.46 | 8.55 | 2.16 | 2.51 | |
| -15 (+ 5) | 585 | 148 | 172 | 61 | 0.48 | 1.84 | 9.56 | 2.41 | 2.80 | |
| -10 (+14) | 732 | 184 | 215 | 68 | 0.53 | 2.31 | 10.73 | 2.70 | 3.14 | |
| -5 (+23) | 908 | 229 | 266 | 75 | 0.57 | 2.87 | 12.11 | 3.05 | 3.55 | |
| 0 (+32) | 1116 | 281 | 327 | 82 | 0.61 | 3.54 | 13.76 | 3.47 | 4.03 | |

| 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) | 184 | 46 | 54 | 34 | 0.27 | 0.58 | 5.39 | 1.36 | 1.58 | |
| -30 (-22) | 256 | 65 | 75 | 42 | 0.34 | 0.80 | 6.13 | 1.55 | 1.80 | |
| -25 (-13) | 340 | 86 | 100 | 50 | 0.40 | 1.07 | 6.85 | 1.73 | 2.01 | |
| -20 (- 4) | 440 | 111 | 129 | 58 | 0.47 | 1.38 | 7.60 | 1.91 | 2.23 | |
| -15 (+ 5) | 559 | 141 | 164 | 67 | 0.52 | 1.76 | 8.41 | 2.12 | 2.46 | |
| -10 (+14) | 703 | 177 | 206 | 75 | 0.58 | 2.22 | 9.33 | 2.35 | 2.74 | |
| -5 (+23) | 875 | 220 | 256 | 84 | 0.63 | 2.77 | 10.42 | 2.63 | 3.05 | |
| 0 (+32) | 1079 | 272 | 316 | 93 | 0.68 | 3.42 | 11.72 | 2.95 | 3.43 | |

E - PERFORMANCE - CURVAS

| 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) | 323 | 81 | 95 | 51 | 0.40 | 1.01 | 6.29 | 1.59 | 1.84 | |
| -30 (-22) | 429 | 108 | 126 | 60 | 0.46 | 1.34 | 7.15 | 1.80 | 2.09 | |
| -25 (-13) | 555 | 140 | 163 | 69 | 0.53 | 1.74 | 8.05 | 2.03 | 2.36 | |
| -20 (- 4) | 707 | 178 | 207 | 78 | 0.58 | 2.22 | 9.04 | 2.28 | 2.65 | |
| -15 (+ 5) | 891 | 224 | 261 | 87 | 0.64 | 2.80 | 10.18 | 2.57 | 2.98 | |
| -10 (+14) | 1113 | 280 | 326 | 97 | 0.70 | 3.51 | 11.52 | 2.90 | 3.38 | |
| -5 (+23) | 1379 | 347 | 404 | 105 | 0.75 | 4.36 | 13.10 | 3.30 | 3.84 | |
| 0 (+32) | 1694 | 427 | 496 | 113 | 0.81 | 5.37 | 14.98 | 3.78 | 4.39 | |

| 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) | 302 | 76 | 88 | 52 | 0.41 | 0.94 | 5.79 | 1.46 | 1.70 | |
| -30 (-22) | 408 | 103 | 120 | 62 | 0.49 | 1.28 | 6.57 | 1.65 | 1.92 | |
| -25 (-13) | 533 | 134 | 156 | 73 | 0.56 | 1.67 | 7.34 | 1.85 | 2.15 | |
| -20 (- 4) | 684 | 172 | 200 | 84 | 0.64 | 2.15 | 8.15 | 2.05 | 2.39 | |
| -15 (+ 5) | 866 | 218 | 254 | 95 | 0.71 | 2.73 | 9.06 | 2.28 | 2.66 | |
| -10 (+14) | 1085 | 273 | 318 | 107 | 0.79 | 3.42 | 10.12 | 2.55 | 2.97 | |
| -5 (+23) | 1347 | 340 | 395 | 119 | 0.86 | 4.26 | 11.37 | 2.87 | 3.33 | |
| 0 (+32) | 1659 | 418 | 486 | 130 | 0.93 | 5.26 | 12.87 | 3.24 | 3.77 | |

| 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) | 275 | 69 | 81 | 53 | 0.40 | 0.86 | 5.15 | 1.30 | 1.51 | |
| -30 (-22) | 379 | 96 | 111 | 64 | 0.49 | 1.19 | 5.93 | 1.49 | 1.74 | |
| -25 (-13) | 502 | 127 | 147 | 76 | 0.58 | 1.58 | 6.65 | 1.68 | 1.95 | |
| -20 (- 4) | 650 | 164 | 191 | 88 | 0.67 | 2.04 | 7.37 | 1.86 | 2.16 | |
| -15 (+ 5) | 828 | 209 | 243 | 102 | 0.76 | 2.61 | 8.14 | 2.05 | 2.39 | |
| -10 (+14) | 1043 | 263 | 306 | 116 | 0.84 | 3.29 | 9.00 | 2.27 | 2.64 | |
| -5 (+23) | 1300 | 328 | 381 | 130 | 0.93 | 4.11 | 10.01 | 2.52 | 2.93 | |
| 0 (+32) | 1606 | 405 | 470 | 144 | 1.02 | 5.09 | 11.20 | 2.82 | 3.28 | |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @220V3600RPM | | 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) | 389 | 98 | 114 | 64 | 0.48 | 1.22 | 6.04 | 1.52 | 1.77 | |
| -30 (-22) | 503 | 127 | 147 | 74 | 0.56 | 1.58 | 6.86 | 1.73 | 2.01 | |
| -25 (-13) | 652 | 164 | 191 | 85 | 0.64 | 2.05 | 7.69 | 1.94 | 2.25 | |
| -20 (- 4) | 840 | 212 | 246 | 98 | 0.72 | 2.64 | 8.60 | 2.17 | 2.52 | |
| -15 (+ 5) | 1068 | 269 | 313 | 111 | 0.80 | 3.36 | 9.63 | 2.43 | 2.82 | |
| -10 (+14) | 1339 | 338 | 392 | 124 | 0.88 | 4.22 | 10.84 | 2.73 | 3.18 | |
| -5 (+23) | 1657 | 418 | 486 | 135 | 0.95 | 5.24 | 12.29 | 3.10 | 3.60 | |
| 0 (+32) | 2024 | 510 | 593 | 144 | 1.01 | 6.41 | 14.05 | 3.54 | 4.12 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|--|---------------|---------------------|-----------|-------|--|
| @220V3600RPM | | 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) | 351 | 88 | 103 | 63 | 0.48 | 1.10 | 5.60 | 1.41 | 1.64 | |
| -30 (-22) | 482 | 121 | 141 | 76 | 0.58 | 1.51 | 6.36 | 1.60 | 1.86 | |
| -25 (-13) | 641 | 161 | 188 | 90 | 0.69 | 2.01 | 7.10 | 1.79 | 2.08 | |
| -20 (- 4) | 830 | 209 | 243 | 105 | 0.79 | 2.61 | 7.85 | 1.98 | 2.30 | |
| -15 (+ 5) | 1053 | 265 | 308 | 121 | 0.89 | 3.31 | 8.69 | 2.19 | 2.55 | |
| -10 (+14) | 1312 | 331 | 384 | 135 | 0.98 | 4.14 | 9.67 | 2.44 | 2.83 | |
| -5 (+23) | 1609 | 406 | 472 | 149 | 1.06 | 5.09 | 10.84 | 2.73 | 3.18 | |
| 0 (+32) | 1948 | 491 | 571 | 159 | 1.12 | 6.18 | 12.26 | 3.09 | 3.59 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|--|---------------|---------------------|-----------|-------|--|
| @220V3600RPM | | 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) | 324 | 82 | 95 | 65 | 0.48 | 1.01 | 4.95 | 1.25 | 1.45 | |
| -30 (-22) | 453 | 114 | 133 | 78 | 0.60 | 1.42 | 5.75 | 1.45 | 1.68 | |
| -25 (-13) | 603 | 152 | 177 | 93 | 0.71 | 1.89 | 6.47 | 1.63 | 1.90 | |
| -20 (- 4) | 777 | 196 | 228 | 109 | 0.81 | 2.44 | 7.17 | 1.81 | 2.10 | |
| -15 (+ 5) | 976 | 246 | 286 | 124 | 0.91 | 3.07 | 7.90 | 1.99 | 2.31 | |
| -10 (+14) | 1204 | 303 | 353 | 138 | 1.00 | 3.80 | 8.72 | 2.20 | 2.56 | |
| -5 (+23) | 1463 | 369 | 429 | 151 | 1.07 | 4.63 | 9.69 | 2.44 | 2.84 | |
| 0 (+32) | 1756 | 442 | 515 | 161 | 1.13 | 5.57 | 10.87 | 2.74 | 3.19 | |

E - PERFORMANCE - CURVAS

| 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) | 428 | 108 | 125 | 72 | 0.54 | 1.34 | 5.91 | 1.49 | 1.73 | |
| -30 (-22) | 543 | 137 | 159 | 82 | 0.61 | 1.70 | 6.73 | 1.70 | 1.97 | |
| -25 (-13) | 722 | 182 | 212 | 97 | 0.72 | 2.26 | 7.50 | 1.89 | 2.20 | |
| -20 (- 4) | 950 | 239 | 278 | 114 | 0.84 | 2.98 | 8.32 | 2.10 | 2.44 | |
| -15 (+ 5) | 1213 | 306 | 355 | 131 | 0.95 | 3.82 | 9.28 | 2.34 | 2.72 | |
| -10 (+14) | 1497 | 377 | 439 | 144 | 1.03 | 4.72 | 10.46 | 2.64 | 3.06 | |
| -5 (+23) | 1787 | 450 | 524 | 149 | 1.06 | 5.65 | 11.96 | 3.01 | 3.50 | |
| 0 (+32) | 2070 | 522 | 607 | 145 | 1.01 | 6.56 | 13.86 | 3.49 | 4.06 | |

| 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) | 399 | 101 | 117 | 72 | 0.55 | 1.25 | 5.48 | 1.38 | 1.61 | |
| -30 (-22) | 530 | 133 | 155 | 85 | 0.65 | 1.66 | 6.27 | 1.58 | 1.84 | |
| -25 (-13) | 708 | 179 | 208 | 102 | 0.77 | 2.22 | 6.98 | 1.76 | 2.04 | |
| -20 (- 4) | 921 | 232 | 270 | 120 | 0.90 | 2.90 | 7.70 | 1.94 | 2.26 | |
| -15 (+ 5) | 1155 | 291 | 338 | 136 | 1.01 | 3.63 | 8.51 | 2.15 | 2.50 | |
| -10 (+14) | 1394 | 351 | 408 | 147 | 1.07 | 4.40 | 9.52 | 2.40 | 2.79 | |
| -5 (+23) | 1625 | 409 | 476 | 150 | 1.07 | 5.14 | 10.81 | 2.72 | 3.17 | |
| 0 (+32) | 1833 | 462 | 537 | 142 | 0.99 | 5.81 | 12.47 | 3.14 | 3.65 | |

| 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) | 346 | 87 | 101 | 72 | 0.53 | 1.08 | 4.84 | 1.22 | 1.42 | |
| -30 (-22) | 496 | 125 | 145 | 88 | 0.66 | 1.56 | 5.65 | 1.42 | 1.65 | |
| -25 (-13) | 680 | 171 | 199 | 107 | 0.81 | 2.13 | 6.34 | 1.60 | 1.86 | |
| -20 (- 4) | 883 | 222 | 259 | 125 | 0.94 | 2.78 | 7.01 | 1.77 | 2.05 | |
| -15 (+ 5) | 1091 | 275 | 320 | 141 | 1.04 | 3.44 | 7.74 | 1.95 | 2.27 | |
| -10 (+14) | 1291 | 325 | 378 | 150 | 1.10 | 4.07 | 8.63 | 2.17 | 2.53 | |
| -5 (+23) | 1467 | 370 | 430 | 150 | 1.07 | 4.64 | 9.76 | 2.46 | 2.86 | |
| 0 (+32) | 1606 | 405 | 470 | 138 | 0.95 | 5.09 | 11.22 | 2.83 | 3.29 | |

E - PERFORMANCE - CURVAS

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 35°C (+95°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|--------------------------------------|---------------|---------------------|-----------|-------|--|
| @220V4500RPM | | 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) | 478 | 121 | 140 | 81 | 0.62 | 1.50 | 5.87 | 1.48 | 1.72 | |
| -30 (-22) | 606 | 153 | 177 | 92 | 0.70 | 1.90 | 6.62 | 1.67 | 1.94 | |
| -25 (-13) | 789 | 199 | 231 | 110 | 0.80 | 2.48 | 7.23 | 1.82 | 2.12 | |
| -20 (- 4) | 1015 | 256 | 297 | 128 | 0.91 | 3.19 | 7.88 | 1.99 | 2.31 | |
| -15 (+ 5) | 1267 | 319 | 371 | 145 | 1.00 | 3.99 | 8.76 | 2.21 | 2.57 | |
| -10 (+14) | 1530 | 385 | 448 | 154 | 1.06 | 4.82 | 10.03 | 2.53 | 2.94 | |
| -5 (+23) | 1788 | 451 | 524 | 151 | 1.06 | 5.65 | 11.86 | 2.99 | 3.48 | |
| 0 (+32) | 2028 | 511 | 594 | 132 | 0.98 | 6.43 | 14.45 | 3.64 | 4.23 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 45°C (+113°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @220V4500RPM | | 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) | 441 | 111 | 129 | 80 | 0.62 | 1.38 | 5.45 | 1.37 | 1.60 | |
| -30 (-22) | 579 | 146 | 170 | 92 | 0.72 | 1.81 | 6.32 | 1.59 | 1.85 | |
| -25 (-13) | 761 | 192 | 223 | 109 | 0.84 | 2.39 | 6.96 | 1.75 | 2.04 | |
| -20 (- 4) | 972 | 245 | 285 | 128 | 0.96 | 3.05 | 7.57 | 1.91 | 2.22 | |
| -15 (+ 5) | 1196 | 301 | 351 | 144 | 1.05 | 3.77 | 8.31 | 2.09 | 2.44 | |
| -10 (+14) | 1419 | 358 | 416 | 152 | 1.09 | 4.48 | 9.36 | 2.36 | 2.74 | |
| -5 (+23) | 1625 | 410 | 476 | 149 | 1.07 | 5.14 | 10.90 | 2.75 | 3.19 | |
| 0 (+32) | 1799 | 453 | 527 | 129 | 0.96 | 5.71 | 13.09 | 3.30 | 3.84 | |

| CONDICIONES DE PRUEBA: | | ASHRAE32 | | | (Temp. de condensación 55°C (+131°F)) | | | | | |
|----------------------------|----------------------------|----------|-----|---------------------|---------------------------------------|---------------|---------------------|-----------|-------|--|
| @220V4500RPM | | 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) | 375 | 94 | 110 | 80 | 0.58 | 1.17 | 4.70 | 1.18 | 1.38 | |
| -30 (-22) | 529 | 133 | 155 | 93 | 0.72 | 1.66 | 5.71 | 1.44 | 1.67 | |
| -25 (-13) | 715 | 180 | 209 | 111 | 0.86 | 2.24 | 6.42 | 1.62 | 1.88 | |
| -20 (- 4) | 916 | 231 | 269 | 130 | 0.99 | 2.88 | 7.01 | 1.77 | 2.05 | |
| -15 (+ 5) | 1119 | 282 | 328 | 146 | 1.08 | 3.52 | 7.64 | 1.93 | 2.24 | |
| -10 (+14) | 1307 | 329 | 383 | 154 | 1.11 | 4.12 | 8.50 | 2.14 | 2.49 | |
| -5 (+23) | 1465 | 369 | 429 | 150 | 1.07 | 4.64 | 9.76 | 2.46 | 2.86 | |
| 0 (+32) | 1579 | 398 | 463 | 129 | 0.93 | 5.01 | 11.60 | 2.92 | 3.40 | |

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 | 4.9 | [mm] | (0.193") |
| 3.2.1 Material | | | |
| 3.2.2 Forma | | | |
| 3.3 PROCESO | 6.5 | [mm] | (0.256") |
| 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 | | |