

D - PERFORMANCE - CHECK POINT DATA

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|-------------------------------|----------|-----|-----------------------------|-------------------------------|--|---------------------------|--|-------|
| TEST CONDITIONS: @115V60Hz | | | ASHRAELBP32 Static | | Evaporating temperature (Condensing temperature | | -23.3°C (-9.94°F) 54.4°C (129.92°F) | |
| Cooling capacity +/- 5% | | | Power consumption +/- 5% | Current consumption +/- 5% | Gas flow rate +/- 5% | EFFICIENCY RATE +/- 7% | | |
| [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| 310 | 78 | 91 | 72 | 0.65 | 1.76 | 4.30 | 1.08 | 1.26 |

E - PERFORMANCE - CURVES

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|-------------------------------|-------|----------------------------|--------------------|-----|--|-------------------------------|-------------------------|---------------------------|-----------|-------|
| TEST CONDITIONS: @115V60Hz | | | ASHRAE32 Static | | (Condensing temperature 45°C (+113°F)) | | | | | |
| Evaporating temperature | | Cooling capacity +/- 5% | | | Power consumption +/- 5% | Current consumption +/- 5% | Gas flow rate +/- 5% | EFFICIENCY RATE +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 157 | 40 | 46 | 51 | 0.48 | 0.89 | 3.08 | 0.77 | 0.90 |
| -30 | (-22) | 245 | 62 | 72 | 59 | 0.54 | 1.39 | 4.16 | 1.05 | 1.22 |
| -25 | (-13) | 331 | 83 | 97 | 67 | 0.62 | 1.88 | 4.94 | 1.24 | 1.45 |
| -20 | (- 4) | 426 | 107 | 125 | 77 | 0.69 | 2.43 | 5.60 | 1.41 | 1.64 |
| -15 | (+ 5) | 542 | 137 | 159 | 86 | 0.77 | 3.10 | 6.31 | 1.59 | 1.85 |
| -10 | (+14) | 690 | 174 | 202 | 95 | 0.84 | 3.95 | 7.26 | 1.83 | 2.13 |

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|-------------------------------|-------|----------------------------|--------------------|-----|--|-------------------------------|-------------------------|---------------------------|-----------|-------|
| TEST CONDITIONS: @115V60Hz | | | ASHRAE32 Static | | (Condensing temperature 55°C (+131°F)) | | | | | |
| Evaporating temperature | | Cooling capacity +/- 5% | | | Power consumption +/- 5% | Current consumption +/- 5% | Gas flow rate +/- 5% | EFFICIENCY RATE +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 107 | 27 | 31 | 48 | 0.47 | 0.60 | 2.21 | 0.56 | 0.65 |
| -30 | (-22) | 200 | 50 | 59 | 57 | 0.53 | 1.13 | 3.45 | 0.87 | 1.01 |
| -25 | (-13) | 290 | 73 | 85 | 67 | 0.61 | 1.65 | 4.31 | 1.09 | 1.26 |
| -20 | (- 4) | 387 | 98 | 113 | 78 | 0.70 | 2.20 | 4.95 | 1.25 | 1.45 |
| -15 | (+ 5) | 503 | 127 | 147 | 90 | 0.80 | 2.87 | 5.57 | 1.40 | 1.63 |
| -10 | (+14) | 648 | 163 | 190 | 102 | 0.89 | 3.71 | 6.33 | 1.60 | 1.86 |

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|-------------------------------|-------|----------------------------|--------------------|-----|--|-------------------------------|-------------------------|---------------------------|-----------|-------|
| TEST CONDITIONS: @115V60Hz | | | ASHRAE32 Static | | (Condensing temperature 65°C (+149°F)) | | | | | |
| Evaporating temperature | | Cooling capacity +/- 5% | | | Power consumption +/- 5% | Current consumption +/- 5% | Gas flow rate +/- 5% | EFFICIENCY RATE +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 55 | 14 | 16 | 46 | 0.44 | 0.31 | 1.22 | 0.31 | 0.36 |
| -30 | (-22) | 152 | 38 | 45 | 55 | 0.50 | 0.86 | 2.70 | 0.68 | 0.79 |
| -25 | (-13) | 243 | 61 | 71 | 65 | 0.59 | 1.38 | 3.70 | 0.93 | 1.08 |
| -20 | (- 4) | 340 | 86 | 100 | 78 | 0.69 | 1.93 | 4.40 | 1.11 | 1.29 |
| -15 | (+ 5) | 453 | 114 | 133 | 91 | 0.80 | 2.59 | 4.99 | 1.26 | 1.46 |
| -10 | (+14) | 593 | 149 | 174 | 105 | 0.92 | 3.40 | 5.65 | 1.42 | 1.65 |

F - EXTERNAL CHARACTERISTICS

| | | | |
|-------------------------|-------------------------------|------|--------------------------|
| 1 Base plate | Universal EG/F/AMEM version 2 | | |
| 2 Tray holder | No | | |
| 3 Connectors | | | |
| 3.1 SUCTION | 6.5 +0.12/-0.08 | [mm] | (0.256" +0.005"/-0.003") |
| 3.1.1 Material | Copper | | |
| 3.1.2 Shape | Straight | | |
| 3.2 DISCHARGE | 4.94 +0.08/-0.08 | [mm] | (0.194" +0.003"/-0.003") |
| 3.2.1 Material | Copper | | |
| 3.2.2 Shape | Straight | | |
| 3.3 PROCESS | 6.5 +0.12/-0.08 | [mm] | (0.256" +0.005"/-0.003") |
| 3.3.1 Material | Copper | | |
| 3.3.2 Shape | Straight | | |
| 3.4 Oil cooler (Copper) | No | [mm] | |
| 3.5 Connector sealing | Rubber Plugs | | |