

COMPRESSOR DEFINITION

| | |
|---------------------------|-----------------|
| Designation | VEG Z7H |
| Nominal Voltage/Frequency | 230 V 53-150 Hz |
| Engineering Number | 513802046 |

A - APPLICATION / LIMIT WORKING CONDITIONS

| | | | |
|--|-----------------------------------|-----------------------------------|-------------|
| 1 Type | Hermetic reciprocating compressor | | |
| 2 Refrigerant | R-134a | | |
| 3 Nominal voltage and frequency | 230 / 53-150 | [V / Hz] | |
| 4 Application type | Low Back Pressure | | |
| 4.1 Evaporating temperature range | -35°C to -10°C | (-31°F to 14°F) | |
| 5 Motor type | BPM | | |
| 6 Starting torque | LST - Low Starting Torque | | |
| 7 Expansion device | Capillary tube | | |
| 8 Compressor cooling | Operating voltage range | | |
| | | 50 Hz | 60 Hz |
| 8.1 LBP (32°C Ambient temperature) | Static | 98 to 140 V | 98 to 140 V |
| 8.2 LBP (43°C Ambient temperature) | Static | 98 to 140 V | 98 to 140 V |
| 8.3 HBP (32°C Ambient temperature) | - | - | - |
| 8.4 HBP (43°C Ambient temperature) | - | - | - |
| 9 Maximum condensing pressures/temperature | | | |
| 9.1 Operating (gauge) | 16.2 | [kgf/cm ²] (230 psig) | / °C - °F |
| 9.2 Peak (gauge) | 20.6 | [kgf/cm ²] (293 psig) | / °C - °F |
| 10 Maximum winding temperature | 130 | [°C] | |

B - MECHANICAL DATA

| | | |
|-------------------------------|---------------|--|
| 1 Commercial designation | 1/4 | [hp] |
| 2 Displacement | 7.15 | [cm ³] (0.436 cu.in) |
| 2.1 Bore [mm] | 22.500 | |
| 2.2 Stroke [mm] | 18.000 | |
| 3 Lubricant charge | 430 | [ml] (14.54 fl.oz.) |
| 3.1 Lubricants approved | | |
| 3.2 Lubricants type/viscosity | ESTER / ISO10 | |
| 4 Weight (with oil charge) | 10.93 | [kg] (24.10 lb.) |
| 5 Nitrogen charge | 0.2 to 0.3 | [kgf/cm ²] (2.84 to 4.27 psig) |

C - ELETRICAL DATA

| | | |
|--|-----------------------------------|------------------------------------|
| 1 Nominal Voltage/Frequency/Number of Phases | 230 V 53-150 Hz 3 ~ (Three phase) | |
| 2 Starting device type | Inverter | |
| 2.1 Starting device | VCC31156XXXX | |
| 3 Start capacitor | - | [µF(VAC minimum)] |
| 4 Run capacitor | - | [µF(VAC minimum)] |
| 5 Motor protection | VCC31156XXXXX | |
| 6 Start winding resistance | 6.40 | [Ω at 25°C (77°F)] +/- 8% |
| 7 Run winding resistance | 6.40 | [Ω at 25°C (77°F)] +/- 8% |
| 8 LRA - Locked rotor amperage (50/60 Hz) | 3.30 | [A] - Measured according to UL 984 |
| 9 FLA - Full load amperage L/MBP (50/60 Hz) | 3.30 | [A] - Measured according to UL 984 |
| 10 FLA - Full Load Amperage HBP (50/60 Hz) | - | [A] - Measured according to UL 984 |
| 11 Approval boards certification | CCC - TUV - UL | |

D - PERFORMANCE - CHECK POINT DATA

| | | | | | | | | | |
|----------------------------------|----------|-----|--------------------------------|----------------------------------|--|---------------------------|--|-------|--|
| TEST CONDITIONS: @115V1600RPM | | | 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] | |
| 411 | 104 | 120 | 68 | 0.92 | 2.34 | 6.07 | 1.53 | 1.78 | |

| | | | | | | | | | |
|----------------------------------|----------|-----|--------------------------------|----------------------------------|--|---------------------------|--|-------|--|
| TEST CONDITIONS: @115V2000RPM | | | 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] | |
| 510 | 129 | 149 | 83 | 1.10 | 2.90 | 6.14 | 1.55 | 1.80 | |

| | | | | | | | | | |
|----------------------------------|----------|-----|--------------------------------|----------------------------------|--|---------------------------|--|-------|--|
| TEST CONDITIONS: @115V3000RPM | | | 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] | |
| 794 | 200 | 233 | 129 | 1.67 | 4.51 | 6.16 | 1.55 | 1.81 | |

| | | | | | | | | | |
|----------------------------------|----------|-----|--------------------------------|----------------------------------|--|---------------------------|--|-------|--|
| TEST CONDITIONS: @115V4500RPM | | | 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] | |
| 1066 | 269 | 312 | 180 | 2.29 | 6.06 | 5.93 | 1.49 | 1.74 | |

E - PERFORMANCE - CURVES

| | | | | | | | | | | |
|----------------------------------|----------------------------|--------------------|---------|--------------------------------|----------------------------------|----------------------------|--|--------|----------|-----------|
| TEST CONDITIONS: @115V1600RPM | | ASHRAE32 Static | | | | | (Condensing temperature 35°C (+95°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] |
| -35 | (-31) | 213 | 54 | 62 | 40 | 0.57 | 1.21 | 5.30 | 1.34 | 1.55 |
| -30 | (-22) | 315 | 79 | 92 | 49 | 0.69 | 1.79 | 6.35 | 1.60 | 1.86 |
| -25 | (-13) | 430 | 108 | 126 | 58 | 0.80 | 2.44 | 7.43 | 1.87 | 2.18 |
| -20 | (- 4) | 564 | 142 | 165 | 66 | 0.90 | 3.21 | 8.60 | 2.17 | 2.52 |
| -15 | (+ 5) | 722 | 182 | 212 | 73 | 0.98 | 4.12 | 9.94 | 2.51 | 2.91 |
| -10 | (+14) | 911 | 230 | 267 | 79 | 1.05 | 5.22 | 11.52 | 2.90 | 3.37 |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 45°C (+113°F)) | | | | | |
|-------------------------|------------------|----------|-----|-------------------|--|---------------|-----------------|-----------|-------|--|
| @115V1600RPM | | Static | | | | | | | | |
| Evaporating temperature | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | | |
| | +/- 5% | | | | | | +/- 7% | | | |
| °C (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| -35 (-31) | 205 | 52 | 60 | 41 | 0.53 | 1.16 | 5.02 | 1.26 | 1.47 | |
| -30 (-22) | 301 | 76 | 88 | 51 | 0.69 | 1.71 | 5.86 | 1.48 | 1.72 | |
| -25 (-13) | 412 | 104 | 121 | 62 | 0.83 | 2.34 | 6.67 | 1.68 | 1.95 | |
| -20 (- 4) | 543 | 137 | 159 | 72 | 0.98 | 3.09 | 7.51 | 1.89 | 2.20 | |
| -15 (+ 5) | 701 | 177 | 205 | 83 | 1.12 | 4.00 | 8.46 | 2.13 | 2.48 | |
| -10 (+14) | 891 | 224 | 261 | 93 | 1.25 | 5.10 | 9.58 | 2.41 | 2.81 | |

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 55°C (+131°F)) | | | | | |
|-------------------------|------------------|----------|-----|-------------------|--|---------------|-----------------|-----------|-------|--|
| @115V1600RPM | | Static | | | | | | | | |
| Evaporating temperature | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | | |
| | +/- 5% | | | | | | +/- 7% | | | |
| °C (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| -35 (-31) | 170 | 43 | 50 | 40 | 0.52 | 0.96 | 4.26 | 1.07 | 1.25 | |
| -30 (-22) | 262 | 66 | 77 | 51 | 0.69 | 1.49 | 5.09 | 1.28 | 1.49 | |
| -25 (-13) | 371 | 93 | 109 | 64 | 0.87 | 2.11 | 5.83 | 1.47 | 1.71 | |
| -20 (- 4) | 501 | 126 | 147 | 77 | 1.05 | 2.85 | 6.54 | 1.65 | 1.92 | |
| -15 (+ 5) | 660 | 166 | 193 | 90 | 1.23 | 3.77 | 7.29 | 1.84 | 2.14 | |
| -10 (+14) | 852 | 215 | 250 | 104 | 1.42 | 4.88 | 8.16 | 2.06 | 2.39 | |

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 35°C (+95°F)) | | | | | |
|-------------------------|------------------|----------|-----|-------------------|---------------------------------------|---------------|-----------------|-----------|-------|--|
| @115V2000RPM | | Static | | | | | | | | |
| Evaporating temperature | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | | |
| | +/- 5% | | | | | | +/- 7% | | | |
| °C (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| -35 (-31) | 274 | 69 | 80 | 50 | 0.70 | 1.55 | 5.52 | 1.39 | 1.62 | |
| -30 (-22) | 381 | 96 | 112 | 58 | 0.77 | 2.16 | 6.53 | 1.65 | 1.91 | |
| -25 (-13) | 508 | 128 | 149 | 67 | 0.85 | 2.89 | 7.60 | 1.91 | 2.23 | |
| -20 (- 4) | 659 | 166 | 193 | 75 | 0.96 | 3.75 | 8.74 | 2.20 | 2.56 | |
| -15 (+ 5) | 839 | 211 | 246 | 84 | 1.08 | 4.79 | 9.96 | 2.51 | 2.92 | |
| -10 (+14) | 1052 | 265 | 308 | 93 | 1.21 | 6.03 | 11.28 | 2.84 | 3.30 | |

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 45°C (+113°F)) | | | | | |
|-------------------------|------------------|----------|-----|-------------------|--|---------------|-----------------|-----------|-------|--|
| @115V2000RPM | | Static | | | | | | | | |
| Evaporating temperature | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | | |
| | +/- 5% | | | | | | +/- 7% | | | |
| °C (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| -35 (-31) | 249 | 63 | 73 | 50 | 0.70 | 1.41 | 4.98 | 1.26 | 1.46 | |
| -30 (-22) | 355 | 89 | 104 | 61 | 0.81 | 2.01 | 5.80 | 1.46 | 1.70 | |
| -25 (-13) | 480 | 121 | 141 | 72 | 0.94 | 2.72 | 6.68 | 1.68 | 1.96 | |
| -20 (- 4) | 629 | 158 | 184 | 83 | 1.07 | 3.58 | 7.63 | 1.92 | 2.23 | |
| -15 (+ 5) | 807 | 203 | 237 | 93 | 1.21 | 4.61 | 8.65 | 2.18 | 2.53 | |
| -10 (+14) | 1019 | 257 | 299 | 104 | 1.37 | 5.84 | 9.76 | 2.46 | 2.86 | |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: @115V2000RPM | | 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) | 224 | 57 | 66 | 50 | 0.68 | 1.27 | 4.44 | 1.12 | 1.30 | |
| -30 (-22) | 326 | 82 | 95 | 64 | 0.86 | 1.85 | 5.09 | 1.28 | 1.49 | |
| -25 (-13) | 447 | 113 | 131 | 77 | 1.04 | 2.54 | 5.79 | 1.46 | 1.70 | |
| -20 (- 4) | 593 | 149 | 174 | 91 | 1.21 | 3.37 | 6.56 | 1.65 | 1.92 | |
| -15 (+ 5) | 768 | 194 | 225 | 104 | 1.39 | 4.38 | 7.40 | 1.86 | 2.17 | |
| -10 (+14) | 977 | 246 | 286 | 118 | 1.57 | 5.60 | 8.32 | 2.10 | 2.44 | |

| TEST CONDITIONS: @115V3000RPM | | ASHRAE32 Static | | | (Condensing temperature 35°C (+95°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) | 433 | 109 | 127 | 85 | 1.13 | 2.45 | 5.02 | 1.26 | 1.47 | |
| -30 (-22) | 574 | 145 | 168 | 93 | 1.22 | 3.25 | 6.21 | 1.56 | 1.82 | |
| -25 (-13) | 756 | 191 | 222 | 104 | 1.36 | 4.29 | 7.30 | 1.84 | 2.14 | |
| -20 (- 4) | 975 | 246 | 286 | 117 | 1.52 | 5.55 | 8.35 | 2.10 | 2.45 | |
| -15 (+ 5) | 1228 | 309 | 360 | 131 | 1.69 | 7.01 | 9.40 | 2.37 | 2.75 | |
| -10 (+14) | 1509 | 380 | 442 | 144 | 1.84 | 8.65 | 10.48 | 2.64 | 3.07 | |

| TEST CONDITIONS: @115V3000RPM | | 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) | 371 | 94 | 109 | 83 | 1.09 | 2.10 | 4.57 | 1.15 | 1.34 | |
| -30 (-22) | 550 | 139 | 161 | 98 | 1.27 | 3.12 | 5.61 | 1.41 | 1.65 | |
| -25 (-13) | 759 | 191 | 223 | 115 | 1.48 | 4.31 | 6.59 | 1.66 | 1.93 | |
| -20 (- 4) | 996 | 251 | 292 | 131 | 1.68 | 5.67 | 7.55 | 1.90 | 2.21 | |
| -15 (+ 5) | 1257 | 317 | 368 | 147 | 1.88 | 7.18 | 8.54 | 2.15 | 2.50 | |
| -10 (+14) | 1537 | 387 | 450 | 160 | 2.03 | 8.81 | 9.60 | 2.42 | 2.81 | |

| TEST CONDITIONS: @115V3000RPM | | 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) | 353 | 89 | 103 | 82 | 1.10 | 2.00 | 4.28 | 1.08 | 1.26 | |
| -30 (-22) | 525 | 132 | 154 | 103 | 1.35 | 2.97 | 5.07 | 1.28 | 1.49 | |
| -25 (-13) | 718 | 181 | 210 | 122 | 1.60 | 4.08 | 5.83 | 1.47 | 1.71 | |
| -20 (- 4) | 930 | 234 | 272 | 141 | 1.84 | 5.29 | 6.60 | 1.66 | 1.93 | |
| -15 (+ 5) | 1155 | 291 | 338 | 156 | 2.03 | 6.59 | 7.43 | 1.87 | 2.18 | |
| -10 (+14) | 1389 | 350 | 407 | 167 | 2.17 | 7.96 | 8.37 | 2.11 | 2.45 | |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: @115V4500RPM | | ASHRAE32 Static | | | (Condensing temperature 35°C (+95°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] |
| -35 | (-31) | 579 | 146 | 170 | 124 | 1.59 | 3.27 | 4.71 | 1.19 | 1.38 |
| -30 | (-22) | 913 | 230 | 268 | 159 | 2.00 | 5.18 | 5.70 | 1.44 | 1.67 |
| -25 | (-13) | 1209 | 305 | 354 | 177 | 2.22 | 6.86 | 6.82 | 1.72 | 2.00 |
| -20 | (- 4) | 1482 | 373 | 434 | 184 | 2.32 | 8.44 | 8.06 | 2.03 | 2.36 |
| -15 | (+ 5) | 1748 | 441 | 512 | 184 | 2.34 | 9.98 | 9.43 | 2.38 | 2.76 |
| -10 | (+14) | 2023 | 510 | 593 | 184 | 2.33 | 11.60 | 10.90 | 2.75 | 3.19 |

| TEST CONDITIONS: @115V4500RPM | | 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] |
| -35 | (-31) | 585 | 147 | 172 | 129 | 1.67 | 3.31 | 4.48 | 1.13 | 1.31 |
| -30 | (-22) | 860 | 217 | 252 | 160 | 2.05 | 4.87 | 5.32 | 1.34 | 1.56 |
| -25 | (-13) | 1090 | 275 | 319 | 175 | 2.24 | 6.19 | 6.25 | 1.58 | 1.83 |
| -20 | (- 4) | 1293 | 326 | 379 | 179 | 2.31 | 7.36 | 7.29 | 1.84 | 2.14 |
| -15 | (+ 5) | 1483 | 374 | 434 | 177 | 2.29 | 8.46 | 8.41 | 2.12 | 2.46 |
| -10 | (+14) | 1676 | 422 | 491 | 173 | 2.25 | 9.60 | 9.61 | 2.42 | 2.82 |

| TEST CONDITIONS: @115V4500RPM | | 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] |
| -35 | (-31) | 522 | 131 | 153 | 131 | 1.67 | 2.95 | 3.99 | 1.01 | 1.17 |
| -30 | (-22) | 774 | 195 | 227 | 161 | 2.05 | 4.38 | 4.75 | 1.20 | 1.39 |
| -25 | (-13) | 976 | 246 | 286 | 175 | 2.25 | 5.54 | 5.58 | 1.41 | 1.63 |
| -20 | (- 4) | 1144 | 288 | 335 | 178 | 2.31 | 6.51 | 6.47 | 1.63 | 1.90 |
| -15 | (+ 5) | 1295 | 326 | 380 | 174 | 2.29 | 7.39 | 7.43 | 1.87 | 2.18 |
| -10 | (+14) | 1445 | 364 | 423 | 170 | 2.24 | 8.28 | 8.44 | 2.13 | 2.47 |

F - EXTERNAL CHARACTERISTICS

| | | | |
|-------------------------|-------------------------------|------|--------------------------|
| 1 Base plate | Universal EG/F/AMEM version 2 | | |
| 2 Tray holder | No | | |
| 3 Connectors | | | |
| 3.1 SUCTION | 6.1 +0.10/+0.00 | [mm] | (0.240" +0.004"/+0.000") |
| 3.1.1 Material | Copper | | |
| 3.1.2 Shape | Slanted | | |
| 3.2 DISCHARGE | 5.1 +0.10/+0.00 | [mm] | (0.201" +0.004"/+0.000") |
| 3.2.1 Material | Copper | | |
| 3.2.2 Shape | Slanted | | |
| 3.3 PROCESS | 6.1 +0.10/+0.00 | [mm] | (0.240" +0.004"/+0.000") |
| 3.3.1 Material | Copper | | |
| 3.3.2 Shape | Slanted 60° up / 40° + 35° | | |
| 3.4 Oil cooler (Copper) | No | [mm] | |
| 3.5 Connector sealing | Rubber Plugs | | |