

COMPRESSOR DEFINITION

| | |
|---------------------------|-----------------|
| Designation | VEM Z9C |
| Nominal Voltage/Frequency | 230 V 53-150 Hz |
| Engineering Number | 513902018 |

A - APPLICATION / LIMIT WORKING CONDITIONS

| | | | |
|------------------------------------|-----------------------------------|-----------------------------------|--------------|
| 1 Type | Hermetic reciprocating compressor | | |
| 2 Refrigerant | R-600a | | |
| 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 | 187 to 255 V | 187 to 255 V |
| 8.2 LBP (43°C Ambient temperature) | Static | 187 to 255 V | 187 to 255 V |
| 8.3 HBP (32°C Ambient temperature) | - | - | - |
| 8.4 HBP (43°C Ambient temperature) | - | - | - |
| 9 Maximum condensing temperature | | | |
| 9.1 Operating | 6.9 | [kgf/cm ²] (98 psig) | / °C - °F |
| 9.2 Peak | 7.8 | [kgf/cm ²] (111 psig) | / °C - °F |
| 10 Maximum winding temperature | 130 | [°C] | |

B - MECHANICAL DATA

| | | |
|-------------------------------|----------------|----------------------------------|
| 1 Commercial designation | 1/5 | [hp] |
| 2 Displacement | 9.34 | [cm ³] (0.570 cu.in) |
| 2.1 Bore [mm] | 26.000 | |
| 2.2 Stroke [mm] | 17.600 | |
| 3 Lubricant charge | 220 | [ml] (7.44 fl.oz.) |
| 3.1 Lubricants approved | | |
| 3.2 Lubricants type/viscosity | ALQUILB / ISO5 | |
| 4 Weight (with oil charge) | 7.59 | [kg] (16.73 lb.) |
| 5 Nitrogen charge | - | [kgf/cm ²] |

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 | VCC32456XXXX | |
| 3 Start capacitor | - | [µF(VAC minimum)] |
| 4 Run capacitor | - | [µF(VAC minimum)] |
| 5 Motor protection | VCC32456XXXXX | |
| 6 Start winding resistance | 16.07 | [Ω at 25°C (77°F)] +/- 8% |
| 7 Run winding resistance | 16.07 | [Ω at 25°C (77°F)] +/- 8% |
| 8 LRA - Locked rotor amperage (53/15 Hz) | 2.10/2.10 | [A] - Measured according to UL 984 |
| 9 FLA - Full load amperage L/MBP (53/15 Hz) | 2.10/2.10 | [A] - Measured according to UL 984 |
| 10 FLA - Full Load Amperage HBP (53/15 Hz) | - | [A] - Measured according to UL 984 |
| 11 Approval boards certification | CCC - CE - IMTRO - TUV - UKCA - VDE | |

D - PERFORMANCE - CHECK POINT DATA

| | | | | | | | | |
|----------------------------------|----------|-----|-----------------------------|-------------------------------|--|---------------------------|-------------------------------|-------|
| TEST CONDITIONS: @220V1600RPM | | | CECOMAFLBP Static | | Evaporating temperature (Condensing temperature | | -25°C (-13°F) 55°C (131°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] |
| 247 | 62 | 72 | 51 | 0.41 | 0.94 | 4.87 | 1.23 | 1.43 |

| | | | | | | | | |
|----------------------------------|----------|-----|-----------------------------|-------------------------------|--|---------------------------|-------------------------------|-------|
| TEST CONDITIONS: @220V2000RPM | | | CECOMAFLBP Static | | Evaporating temperature (Condensing temperature | | -25°C (-13°F) 55°C (131°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] |
| 295 | 74 | 86 | 61 | 0.48 | 1.12 | 4.88 | 1.23 | 1.43 |

| | | | | | | | | |
|----------------------------------|----------|-----|-----------------------------|-------------------------------|--|---------------------------|-------------------------------|-------|
| TEST CONDITIONS: @220V3000RPM | | | CECOMAFLBP Static | | Evaporating temperature (Condensing temperature | | -25°C (-13°F) 55°C (131°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] |
| 436 | 110 | 128 | 89 | 0.70 | 1.66 | 4.88 | 1.23 | 1.43 |

| | | | | | | | | |
|----------------------------------|----------|-----|-----------------------------|-------------------------------|--|---------------------------|-------------------------------|-------|
| TEST CONDITIONS: @220V4500RPM | | | CECOMAFLBP Static | | Evaporating temperature (Condensing temperature | | -25°C (-13°F) 55°C (131°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] |
| 583 | 147 | 171 | 130 | 1.00 | 2.22 | 4.50 | 1.13 | 1.32 |

E - PERFORMANCE - CURVES

| | | | | | | | | | | |
|----------------------------------|----------------------------|-------------------|---------|-----------------------------|-------------------------------|--|---------------------------|--------|----------|-----------|
| TEST CONDITIONS: @220V1600RPM | | CECOMAF 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) | 175 | 44 | 51 | 30 | 0.24 | 0.56 | 5.89 | 1.48 | 1.72 |
| -30 | (-22) | 234 | 59 | 68 | 35 | 0.28 | 0.75 | 6.58 | 1.66 | 1.93 |
| -25 | (-13) | 305 | 77 | 89 | 41 | 0.33 | 0.98 | 7.35 | 1.85 | 2.15 |
| -20 | (- 4) | 390 | 98 | 114 | 47 | 0.38 | 1.25 | 8.23 | 2.07 | 2.41 |
| -15 | (+ 5) | 491 | 124 | 144 | 53 | 0.42 | 1.58 | 9.29 | 2.34 | 2.72 |
| -10 | (+14) | 610 | 154 | 179 | 58 | 0.45 | 1.97 | 10.56 | 2.66 | 3.09 |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: @220V1600RPM | | CECOMAF 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) | 150 | 38 | 44 | 31 | 0.26 | 0.52 | 4.79 | 1.21 | 1.40 |
| -30 | (-22) | 204 | 51 | 60 | 38 | 0.31 | 0.71 | 5.41 | 1.36 | 1.58 |
| -25 | (-13) | 270 | 68 | 79 | 45 | 0.36 | 0.94 | 6.01 | 1.52 | 1.76 |
| -20 | (- 4) | 348 | 88 | 102 | 52 | 0.41 | 1.21 | 6.66 | 1.68 | 1.95 |
| -15 | (+ 5) | 441 | 111 | 129 | 59 | 0.46 | 1.54 | 7.40 | 1.86 | 2.17 |
| -10 | (+14) | 550 | 138 | 161 | 66 | 0.51 | 1.92 | 8.28 | 2.09 | 2.43 |

| TEST CONDITIONS: @220V1600RPM | | CECOMAF 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) | 123 | 31 | 36 | 33 | 0.27 | 0.47 | 3.69 | 0.93 | 1.08 |
| -30 | (-22) | 173 | 44 | 51 | 40 | 0.32 | 0.66 | 4.37 | 1.10 | 1.28 |
| -25 | (-13) | 233 | 59 | 68 | 47 | 0.37 | 0.89 | 4.95 | 1.25 | 1.45 |
| -20 | (- 4) | 304 | 77 | 89 | 56 | 0.43 | 1.16 | 5.50 | 1.39 | 1.61 |
| -15 | (+ 5) | 389 | 98 | 114 | 64 | 0.50 | 1.49 | 6.05 | 1.53 | 1.77 |
| -10 | (+14) | 488 | 123 | 143 | 73 | 0.57 | 1.87 | 6.67 | 1.68 | 1.95 |

| TEST CONDITIONS: @220V2000RPM | | CECOMAF 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) | 220 | 55 | 64 | 37 | 0.30 | 0.70 | 5.93 | 1.49 | 1.74 |
| -30 | (-22) | 293 | 74 | 86 | 44 | 0.35 | 0.94 | 6.60 | 1.66 | 1.93 |
| -25 | (-13) | 381 | 96 | 112 | 52 | 0.41 | 1.22 | 7.31 | 1.84 | 2.14 |
| -20 | (- 4) | 487 | 123 | 143 | 60 | 0.47 | 1.57 | 8.13 | 2.05 | 2.38 |
| -15 | (+ 5) | 613 | 154 | 180 | 67 | 0.52 | 1.97 | 9.12 | 2.30 | 2.67 |
| -10 | (+14) | 761 | 192 | 223 | 74 | 0.57 | 2.45 | 10.31 | 2.60 | 3.02 |

| TEST CONDITIONS: @220V2000RPM | | CECOMAF 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) | 188 | 47 | 55 | 39 | 0.32 | 0.65 | 4.84 | 1.22 | 1.42 |
| -30 | (-22) | 255 | 64 | 75 | 47 | 0.38 | 0.89 | 5.43 | 1.37 | 1.59 |
| -25 | (-13) | 337 | 85 | 99 | 56 | 0.44 | 1.17 | 6.01 | 1.51 | 1.76 |
| -20 | (- 4) | 434 | 109 | 127 | 65 | 0.51 | 1.51 | 6.61 | 1.67 | 1.94 |
| -15 | (+ 5) | 550 | 139 | 161 | 75 | 0.58 | 1.92 | 7.30 | 1.84 | 2.14 |
| -10 | (+14) | 686 | 173 | 201 | 84 | 0.65 | 2.40 | 8.13 | 2.05 | 2.38 |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: @220V2000RPM | | CECOMAF 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) | 155 | 39 | 46 | 41 | 0.33 | 0.59 | 3.73 | 0.94 | 1.09 | |
| -30 (-22) | 218 | 55 | 64 | 49 | 0.39 | 0.83 | 4.40 | 1.11 | 1.29 | |
| -25 (-13) | 292 | 74 | 86 | 59 | 0.46 | 1.11 | 4.97 | 1.25 | 1.46 | |
| -20 (- 4) | 380 | 96 | 111 | 70 | 0.54 | 1.45 | 5.49 | 1.38 | 1.61 | |
| -15 (+ 5) | 486 | 122 | 142 | 81 | 0.62 | 1.86 | 6.03 | 1.52 | 1.77 | |
| -10 (+14) | 610 | 154 | 179 | 92 | 0.70 | 2.34 | 6.64 | 1.67 | 1.95 | |

| TEST CONDITIONS: @220V3000RPM | | CECOMAF 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) | 330 | 83 | 97 | 55 | 0.44 | 1.06 | 5.99 | 1.51 | 1.76 | |
| -30 (-22) | 440 | 111 | 129 | 67 | 0.52 | 1.41 | 6.57 | 1.66 | 1.93 | |
| -25 (-13) | 572 | 144 | 168 | 80 | 0.61 | 1.84 | 7.19 | 1.81 | 2.11 | |
| -20 (- 4) | 730 | 184 | 214 | 93 | 0.71 | 2.35 | 7.89 | 1.99 | 2.31 | |
| -15 (+ 5) | 918 | 231 | 269 | 105 | 0.80 | 2.95 | 8.72 | 2.20 | 2.56 | |
| -10 (+14) | 1139 | 287 | 334 | 117 | 0.88 | 3.67 | 9.76 | 2.46 | 2.86 | |

| TEST CONDITIONS: @220V3000RPM | | CECOMAF 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) | 283 | 71 | 83 | 58 | 0.46 | 0.98 | 4.93 | 1.24 | 1.44 | |
| -30 (-22) | 384 | 97 | 113 | 70 | 0.55 | 1.34 | 5.50 | 1.39 | 1.61 | |
| -25 (-13) | 506 | 128 | 148 | 84 | 0.65 | 1.76 | 6.02 | 1.52 | 1.76 | |
| -20 (- 4) | 652 | 164 | 191 | 99 | 0.76 | 2.27 | 6.54 | 1.65 | 1.92 | |
| -15 (+ 5) | 825 | 208 | 242 | 115 | 0.87 | 2.88 | 7.13 | 1.80 | 2.09 | |
| -10 (+14) | 1028 | 259 | 301 | 131 | 0.98 | 3.60 | 7.83 | 1.97 | 2.29 | |

| TEST CONDITIONS: @220V3000RPM | | CECOMAF 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) | 235 | 59 | 69 | 62 | 0.49 | 0.90 | 3.81 | 0.96 | 1.12 | |
| -30 (-22) | 328 | 83 | 96 | 73 | 0.57 | 1.25 | 4.48 | 1.13 | 1.31 | |
| -25 (-13) | 439 | 111 | 129 | 87 | 0.67 | 1.67 | 5.03 | 1.27 | 1.47 | |
| -20 (- 4) | 572 | 144 | 168 | 104 | 0.79 | 2.18 | 5.50 | 1.39 | 1.61 | |
| -15 (+ 5) | 729 | 184 | 214 | 123 | 0.92 | 2.79 | 5.96 | 1.50 | 1.75 | |
| -10 (+14) | 914 | 230 | 268 | 142 | 1.06 | 3.51 | 6.45 | 1.62 | 1.89 | |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: @220V4500RPM | | CECOMAF 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) | 472 | 119 | 138 | 85 | 0.65 | 1.51 | 5.53 | 1.39 | 1.62 | |
| -30 (-22) | 638 | 161 | 187 | 105 | 0.79 | 2.05 | 6.08 | 1.53 | 1.78 | |
| -25 (-13) | 837 | 211 | 245 | 126 | 0.95 | 2.69 | 6.64 | 1.67 | 1.95 | |
| -20 (- 4) | 1076 | 271 | 315 | 148 | 1.11 | 3.46 | 7.28 | 1.83 | 2.13 | |
| -15 (+ 5) | 1359 | 343 | 398 | 169 | 1.26 | 4.37 | 8.04 | 2.03 | 2.36 | |
| -10 (+14) | 1692 | 426 | 496 | 189 | 1.40 | 5.46 | 8.98 | 2.26 | 2.63 | |

| TEST CONDITIONS: @220V4500RPM | | CECOMAF 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) | 397 | 100 | 116 | 88 | 0.67 | 1.38 | 4.52 | 1.14 | 1.33 | |
| -30 (-22) | 549 | 138 | 161 | 108 | 0.82 | 1.91 | 5.07 | 1.28 | 1.49 | |
| -25 (-13) | 733 | 185 | 215 | 131 | 0.99 | 2.55 | 5.56 | 1.40 | 1.63 | |
| -20 (- 4) | 953 | 240 | 279 | 157 | 1.18 | 3.32 | 6.05 | 1.52 | 1.77 | |
| -15 (+ 5) | 1213 | 306 | 355 | 184 | 1.37 | 4.24 | 6.58 | 1.66 | 1.93 | |
| -10 (+14) | 1520 | 383 | 445 | 210 | 1.56 | 5.32 | 7.22 | 1.82 | 2.11 | |

| TEST CONDITIONS: @220V4500RPM | | CECOMAF 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) | 319 | 80 | 94 | 92 | 0.70 | 1.22 | 3.45 | 0.87 | 1.01 | |
| -30 (-22) | 460 | 116 | 135 | 111 | 0.84 | 1.75 | 4.11 | 1.04 | 1.21 | |
| -25 (-13) | 627 | 158 | 184 | 135 | 1.01 | 2.39 | 4.64 | 1.17 | 1.36 | |
| -20 (- 4) | 827 | 208 | 242 | 163 | 1.22 | 3.16 | 5.09 | 1.28 | 1.49 | |
| -15 (+ 5) | 1064 | 268 | 312 | 194 | 1.44 | 4.07 | 5.51 | 1.39 | 1.61 | |
| -10 (+14) | 1343 | 338 | 394 | 225 | 1.67 | 5.16 | 5.96 | 1.50 | 1.75 | |

F - EXTERNAL CHARACTERISTICS

| | | | |
|-------------------------|--------------------------------|------|--------------------------|
| 1 Base plate | European Standard EUEM | | |
| 2 Tray holder | Yes | | |
| 3 Connectors | | | |
| 3.1 SUCTION | 8.1 +0.10/+0.00 | [mm] | (0.319" +0.004"/+0.000") |
| 3.1.1 Material | Copper(OD) | | |
| 3.1.2 Shape | Slanted 42° up + 45° to Back | | |
| 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 parallel BP+24°to Back | | |
| 3.3 PROCESS | 6 +0.08/-0.08 | [mm] | (0.236" +0.003"/-0.003") |
| 3.3.1 Material | Copper(OD) | | |
| 3.3.2 Shape | Slanted 43° up + 45° to Back | | |
| 3.4 Oil cooler (Copper) | No | [mm] | |
| 3.5 Connector sealing | Rubber Plugs | | |