

COMPRESSOR DEFINITION

| | |
|---------------------------|-----------------|
| Designation | VEM Y7C |
| Nominal Voltage/Frequency | 230 V 53-150 Hz |
| Engineering Number | 513900008 |

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 | 198 to 265 V | 198 to 265 V |
| 8.2 LBP (43°C Ambient temperature) | Static | 198 to 265 V | 198 to 265 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 | 7.23 | [cm ³] (0.441 cu.in) |
| 2.1 Bore [mm] | 24.000 | |
| 2.2 Stroke [mm] | 16.000 | |
| 3 Lubricant charge | 220 | [ml] (7.44 fl.oz.) |
| 3.1 Lubricants approved | | |
| 3.2 Lubricants type/viscosity | MINERAL / ISO10 | |
| 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 - VDE | |

D - PERFORMANCE - CHECK POINT DATA

| | | | | | | | | |
|---|----------|-----|-------------------------------------|-------------------------------|--|--|-----------|-------|
| TEST CONDITIONS: @220V1600RPM | | | 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] |
| 243 | 61 | 71 | 43 | 0.34 | 0.76 | 5.72 | 1.44 | 1.68 |

| | | | | | | | | |
|---|----------|-----|-------------------------------------|-------------------------------|--|--|-----------|-------|
| TEST CONDITIONS: @220V2000RPM | | | 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] |
| 289 | 73 | 85 | 50 | 0.41 | 0.91 | 5.81 | 1.46 | 1.70 |

| | | | | | | | | |
|---|----------|-----|-------------------------------------|-------------------------------|--|--|-----------|-------|
| TEST CONDITIONS: @220V3000RPM | | | 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] |
| 435 | 110 | 127 | 76 | 0.60 | 1.37 | 5.70 | 1.44 | 1.67 |

| | | | | | | | | |
|---|----------|-----|-------------------------------------|-------------------------------|--|--|-----------|-------|
| TEST CONDITIONS: @220V4500RPM | | | 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] |
| 598 | 151 | 175 | 110 | 0.85 | 1.88 | 5.44 | 1.37 | 1.59 |

E - PERFORMANCE - CURVES

| | | | | | | | | | | |
|---|----------------------------|----------------------------------|---------|-----------------------------|-------------------------------|---|---------------------------|--------|----------|-----------|
| TEST CONDITIONS: @220V1600RPM | | 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) | 145 | 37 | 43 | 27 | 0.24 | 0.45 | 5.31 | 1.34 | 1.56 |
| -30 | (-22) | 193 | 49 | 57 | 31 | 0.28 | 0.61 | 6.30 | 1.59 | 1.85 |
| -25 | (-13) | 246 | 62 | 72 | 34 | 0.30 | 0.77 | 7.26 | 1.83 | 2.13 |
| -20 | (- 4) | 309 | 78 | 91 | 37 | 0.33 | 0.97 | 8.29 | 2.09 | 2.43 |
| -15 | (+ 5) | 390 | 98 | 114 | 41 | 0.35 | 1.23 | 9.53 | 2.40 | 2.79 |
| -10 | (+14) | 497 | 125 | 146 | 44 | 0.37 | 1.57 | 11.09 | 2.80 | 3.25 |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 45°C (+113°F)) | | | | | |
|-------------------------|------------------|----------|-----|-------------------|--|---------------|-----------------|-----------|-------|--|
| @220V1600RPM | | Static | | | | | | | | |
| Evaporating temperature | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | | |
| | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | | |
| °C (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| -35 (-31) | 107 | 27 | 31 | 27 | 0.24 | 0.33 | 3.98 | 1.00 | 1.17 | |
| -30 (-22) | 161 | 41 | 47 | 31 | 0.28 | 0.50 | 5.06 | 1.28 | 1.48 | |
| -25 (-13) | 217 | 55 | 64 | 36 | 0.32 | 0.68 | 6.00 | 1.51 | 1.76 | |
| -20 (- 4) | 282 | 71 | 83 | 41 | 0.35 | 0.89 | 6.92 | 1.74 | 2.03 | |
| -15 (+ 5) | 363 | 92 | 106 | 46 | 0.38 | 1.14 | 7.94 | 2.00 | 2.33 | |
| -10 (+14) | 467 | 118 | 137 | 51 | 0.42 | 1.47 | 9.18 | 2.31 | 2.69 | |

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 55°C (+131°F)) | | | | | |
|-------------------------|------------------|----------|-----|-------------------|--|---------------|-----------------|-----------|-------|--|
| @220V1600RPM | | Static | | | | | | | | |
| Evaporating temperature | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | | |
| | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | | |
| °C (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| -35 (-31) | 83 | 21 | 24 | 27 | 0.23 | 0.26 | 3.03 | 0.76 | 0.89 | |
| -30 (-22) | 143 | 36 | 42 | 34 | 0.28 | 0.45 | 4.17 | 1.05 | 1.22 | |
| -25 (-13) | 202 | 51 | 59 | 40 | 0.33 | 0.64 | 5.07 | 1.28 | 1.49 | |
| -20 (- 4) | 269 | 68 | 79 | 46 | 0.37 | 0.84 | 5.84 | 1.47 | 1.71 | |
| -15 (+ 5) | 349 | 88 | 102 | 53 | 0.42 | 1.10 | 6.61 | 1.67 | 1.94 | |
| -10 (+14) | 449 | 113 | 132 | 60 | 0.48 | 1.42 | 7.50 | 1.89 | 2.20 | |

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 35°C (+95°F)) | | | | | |
|-------------------------|------------------|----------|-----|-------------------|---------------------------------------|---------------|-----------------|-----------|-------|--|
| @220V2000RPM | | Static | | | | | | | | |
| Evaporating temperature | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | | |
| | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | | |
| °C (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| -35 (-31) | 167 | 42 | 49 | 34 | 0.30 | 0.52 | 4.91 | 1.24 | 1.44 | |
| -30 (-22) | 241 | 61 | 71 | 39 | 0.35 | 0.75 | 6.13 | 1.54 | 1.80 | |
| -25 (-13) | 314 | 79 | 92 | 43 | 0.38 | 0.99 | 7.27 | 1.83 | 2.13 | |
| -20 (- 4) | 395 | 100 | 116 | 47 | 0.40 | 1.24 | 8.43 | 2.12 | 2.47 | |
| -15 (+ 5) | 490 | 123 | 144 | 51 | 0.43 | 1.54 | 9.66 | 2.43 | 2.83 | |
| -10 (+14) | 606 | 153 | 178 | 55 | 0.45 | 1.91 | 11.05 | 2.78 | 3.24 | |

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 45°C (+113°F)) | | | | | |
|-------------------------|------------------|----------|-----|-------------------|--|---------------|-----------------|-----------|-------|--|
| @220V2000RPM | | Static | | | | | | | | |
| Evaporating temperature | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | | |
| | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | | |
| °C (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] | |
| -35 (-31) | 143 | 36 | 42 | 34 | 0.29 | 0.45 | 4.20 | 1.06 | 1.23 | |
| -30 (-22) | 213 | 54 | 62 | 40 | 0.34 | 0.67 | 5.27 | 1.33 | 1.55 | |
| -25 (-13) | 283 | 71 | 83 | 45 | 0.38 | 0.89 | 6.25 | 1.58 | 1.83 | |
| -20 (- 4) | 361 | 91 | 106 | 50 | 0.42 | 1.13 | 7.22 | 1.82 | 2.11 | |
| -15 (+ 5) | 455 | 115 | 133 | 55 | 0.45 | 1.43 | 8.23 | 2.07 | 2.41 | |
| -10 (+14) | 571 | 144 | 167 | 61 | 0.49 | 1.80 | 9.38 | 2.36 | 2.75 | |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 55°C (+131°F)) | | | | | |
|-------------------------|-------|------------------|----------|-----|--|---------------------|---------------|-----------------|-----------|-------|
| @220V2000RPM | | Static | | | | | | | | |
| Evaporating temperature | | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 120 | 30 | 35 | 34 | 0.29 | 0.38 | 3.59 | 0.90 | 1.05 |
| -30 | (-22) | 185 | 47 | 54 | 41 | 0.34 | 0.58 | 4.51 | 1.14 | 1.32 |
| -25 | (-13) | 252 | 63 | 74 | 47 | 0.39 | 0.79 | 5.32 | 1.34 | 1.56 |
| -20 | (- 4) | 327 | 82 | 96 | 54 | 0.44 | 1.03 | 6.09 | 1.54 | 1.79 |
| -15 | (+ 5) | 419 | 106 | 123 | 61 | 0.49 | 1.32 | 6.89 | 1.74 | 2.02 |
| -10 | (+14) | 535 | 135 | 157 | 68 | 0.55 | 1.69 | 7.80 | 1.97 | 2.29 |

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 35°C (+95°F)) | | | | | |
|-------------------------|-------|------------------|----------|-----|---------------------------------------|---------------------|---------------|-----------------|-----------|-------|
| @220V3000RPM | | Static | | | | | | | | |
| Evaporating temperature | | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 258 | 65 | 76 | 52 | 0.44 | 0.81 | 4.94 | 1.25 | 1.45 |
| -30 | (-22) | 351 | 88 | 103 | 60 | 0.50 | 1.10 | 5.89 | 1.48 | 1.73 |
| -25 | (-13) | 463 | 117 | 136 | 67 | 0.55 | 1.45 | 6.97 | 1.76 | 2.04 |
| -20 | (- 4) | 599 | 151 | 176 | 74 | 0.59 | 1.88 | 8.16 | 2.06 | 2.39 |
| -15 | (+ 5) | 765 | 193 | 224 | 81 | 0.64 | 2.41 | 9.46 | 2.38 | 2.77 |
| -10 | (+14) | 967 | 244 | 283 | 89 | 0.69 | 3.05 | 10.86 | 2.74 | 3.18 |

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 45°C (+113°F)) | | | | | |
|-------------------------|-------|------------------|----------|-----|--|---------------------|---------------|-----------------|-----------|-------|
| @220V3000RPM | | Static | | | | | | | | |
| Evaporating temperature | | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 215 | 54 | 63 | 52 | 0.42 | 0.67 | 4.10 | 1.03 | 1.20 |
| -30 | (-22) | 303 | 76 | 89 | 60 | 0.49 | 0.95 | 5.01 | 1.26 | 1.47 |
| -25 | (-13) | 408 | 103 | 120 | 68 | 0.55 | 1.28 | 5.99 | 1.51 | 1.75 |
| -20 | (- 4) | 534 | 135 | 157 | 76 | 0.61 | 1.68 | 7.03 | 1.77 | 2.06 |
| -15 | (+ 5) | 687 | 173 | 201 | 84 | 0.68 | 2.16 | 8.12 | 2.05 | 2.38 |
| -10 | (+14) | 872 | 220 | 256 | 94 | 0.75 | 2.75 | 9.26 | 2.33 | 2.71 |

| TEST CONDITIONS: | | ASHRAE32 | | | (Condensing temperature 55°C (+131°F)) | | | | | |
|-------------------------|-------|------------------|----------|-----|--|---------------------|---------------|-----------------|-----------|-------|
| @220V3000RPM | | Static | | | | | | | | |
| Evaporating temperature | | Cooling capacity | | | Power consumption | Current consumption | Gas flow rate | EFFICIENCY RATE | | |
| | | +/- 5% | | | +/- 5% | +/- 5% | +/- 5% | +/- 7% | | |
| °C | (°F) | [Btu/h] | [kcal/h] | [W] | [W] | [A] | [kg/h] | [Btu/Wh] | [kcal/Wh] | [W/W] |
| -35 | (-31) | 193 | 49 | 57 | 53 | 0.44 | 0.61 | 3.63 | 0.92 | 1.06 |
| -30 | (-22) | 284 | 72 | 83 | 63 | 0.51 | 0.89 | 4.50 | 1.13 | 1.32 |
| -25 | (-13) | 388 | 98 | 114 | 72 | 0.57 | 1.22 | 5.38 | 1.35 | 1.58 |
| -20 | (- 4) | 510 | 129 | 150 | 82 | 0.64 | 1.60 | 6.26 | 1.58 | 1.84 |
| -15 | (+ 5) | 657 | 165 | 192 | 92 | 0.71 | 2.07 | 7.15 | 1.80 | 2.09 |
| -10 | (+14) | 832 | 210 | 244 | 104 | 0.81 | 2.63 | 8.01 | 2.02 | 2.35 |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: @220V4500RPM | | 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) | 374 | 94 | 110 | 79 | 0.63 | 1.17 | 4.72 | 1.19 | 1.38 |
| -30 | (-22) | 498 | 126 | 146 | 88 | 0.69 | 1.56 | 5.66 | 1.43 | 1.66 |
| -25 | (-13) | 653 | 165 | 191 | 97 | 0.76 | 2.05 | 6.72 | 1.69 | 1.97 |
| -20 | (- 4) | 837 | 211 | 245 | 106 | 0.82 | 2.63 | 7.88 | 1.99 | 2.31 |
| -15 | (+ 5) | 1050 | 265 | 308 | 115 | 0.89 | 3.30 | 9.10 | 2.29 | 2.67 |
| -10 | (+14) | 1289 | 325 | 378 | 124 | 0.96 | 4.07 | 10.36 | 2.61 | 3.04 |

| TEST CONDITIONS: @220V4500RPM | | 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) | 337 | 85 | 99 | 80 | 0.62 | 1.05 | 4.20 | 1.06 | 1.23 |
| -30 | (-22) | 451 | 114 | 132 | 91 | 0.70 | 1.41 | 5.00 | 1.26 | 1.47 |
| -25 | (-13) | 594 | 150 | 174 | 101 | 0.79 | 1.86 | 5.90 | 1.49 | 1.73 |
| -20 | (- 4) | 763 | 192 | 224 | 111 | 0.87 | 2.40 | 6.87 | 1.73 | 2.01 |
| -15 | (+ 5) | 958 | 241 | 281 | 122 | 0.96 | 3.02 | 7.88 | 1.99 | 2.31 |
| -10 | (+14) | 1177 | 297 | 345 | 132 | 1.04 | 3.71 | 8.90 | 2.24 | 2.61 |

| TEST CONDITIONS: @220V4500RPM | | 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) | 296 | 75 | 87 | 79 | 0.63 | 0.93 | 3.75 | 0.95 | 1.10 |
| -30 | (-22) | 413 | 104 | 121 | 92 | 0.72 | 1.29 | 4.48 | 1.13 | 1.31 |
| -25 | (-13) | 555 | 140 | 163 | 105 | 0.81 | 1.74 | 5.29 | 1.33 | 1.55 |
| -20 | (- 4) | 720 | 182 | 211 | 117 | 0.90 | 2.26 | 6.14 | 1.55 | 1.80 |
| -15 | (+ 5) | 909 | 229 | 266 | 130 | 0.99 | 2.86 | 7.01 | 1.77 | 2.05 |
| -10 | (+14) | 1120 | 282 | 328 | 143 | 1.09 | 3.53 | 7.86 | 1.98 | 2.30 |

F - EXTERNAL CHARACTERISTICS

| | | | |
|-------------------------|--------------------------------|------|--------------------------|
| 1 Base plate | European Standard EUEM | | |
| 2 Tray holder | Yes | | |
| 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 12° out + 79° up | | |
| 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 | 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 42° up + 45° to Back | | |
| 3.4 Oil cooler (Copper) | No | [mm] | |
| 3.5 Connector sealing | Rubber Plugs | | |