

COMPRESSOR DEFINITION

| | |
|---------------------------|-----------------|
| Designation | VEG T8HB |
| Nominal Voltage/Frequency | 230 V 53-150 Hz |
| Engineering Number | 513800068 |

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-Medium Back Pressure | | |
| 4.1 Evaporating temperature range | -35°C to -5°C | (-31°F to 23°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) | Fan | 187 to 255 V | 187 to 255 V |
| 8.2 LBP (43°C Ambient temperature) | Fan | 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 | 14.2 | [kgf/cm ²] (202 psig) | / °C - °F |
| 9.2 Peak | 15.9 | [kgf/cm ²] (226 psig) | / °C - °F |
| 10 Maximum winding temperature | 130 | [°C] | |

B - MECHANICAL DATA

| | | |
|-------------------------------|---------------|--|
| 1 Commercial designation | 1/4 | [hp] |
| 2 Displacement | 7.95 | [cm ³] (0.485 cu.in) |
| 2.1 Bore [mm] | 22.500 | |
| 2.2 Stroke [mm] | 20.000 | |
| 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) | 10.77 | [kg] (23.74 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 | VCC3CO2456XX | |
| 3 Start capacitor | - | [µF(VAC minimum)] |
| 4 Run capacitor | - | [µF(VAC minimum)] |
| 5 Motor protection | VCC3CO2456XX | |
| 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) | - | [A] - Measured according to UL 984 |
| 9 FLA - Full load amperage L/MBP (50/60 Hz) | - | [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 - CE - UKCA - VDE | |

D - PERFORMANCE - CHECK POINT DATA

| | | | | | | | | | |
|---|----------|-----|----------------------------------|-------------------------------|---|---------------------------|--|-------|--|
| TEST CONDITIONS: @220V1800RPM | | | ASHRAELBP32 Fan | | 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] | |
| 468 | 118 | 137 | 80 | 0.56 | 2.66 | 5.87 | 1.48 | 1.72 | |

| | | | | | | | | | |
|---|----------|-----|----------------------------------|-------------------------------|---|---------------------------|--|-------|--|
| TEST CONDITIONS: @220V3000RPM | | | ASHRAELBP32 Fan | | 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] | |
| 875 | 221 | 256 | 146 | 0.98 | 4.97 | 6.01 | 1.51 | 1.76 | |

| | | | | | | | | | |
|---|----------|-----|----------------------------------|-------------------------------|---|---------------------------|--|-------|--|
| TEST CONDITIONS: @220V4500RPM | | | ASHRAELBP32 Fan | | 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] | |
| 1161 | 293 | 340 | 207 | 1.34 | 6.60 | 5.61 | 1.41 | 1.64 | |

E - PERFORMANCE - CURVES

| | | | | | | | | | | |
|---|-------|-------------------------------|----------|-----|-----------------------------|---|-------------------------|---------------------------|-----------|-------|
| TEST CONDITIONS: @220V1800RPM | | ASHRAE32 Fan | | | | (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) | 237 | 60 | 69 | 46 | 0.40 | 1.34 | 5.22 | 1.32 | 1.53 |
| -30 | (-22) | 364 | 92 | 107 | 57 | 0.45 | 2.06 | 6.34 | 1.60 | 1.86 |
| -25 | (-13) | 510 | 129 | 149 | 68 | 0.50 | 2.90 | 7.43 | 1.87 | 2.18 |
| -20 | (- 4) | 679 | 171 | 199 | 80 | 0.55 | 3.87 | 8.51 | 2.15 | 2.49 |
| -15 | (+ 5) | 875 | 220 | 256 | 91 | 0.60 | 4.99 | 9.61 | 2.42 | 2.82 |
| -10 | (+14) | 1101 | 277 | 323 | 103 | 0.65 | 6.31 | 10.75 | 2.71 | 3.15 |
| -5 | (+23) | 1362 | 343 | 399 | 114 | 0.70 | 7.84 | 11.94 | 3.01 | 3.50 |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: @220V1800RPM | | ASHRAE32 Fan | | | (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) | 220 | 55 | 64 | 47 | 0.37 | 1.24 | 4.71 | 1.19 | 1.38 |
| -30 | (-22) | 330 | 83 | 97 | 59 | 0.44 | 1.87 | 5.58 | 1.41 | 1.63 |
| -25 | (-13) | 463 | 117 | 136 | 72 | 0.52 | 2.63 | 6.46 | 1.63 | 1.89 |
| -20 | (- 4) | 622 | 157 | 182 | 84 | 0.59 | 3.54 | 7.39 | 1.86 | 2.17 |
| -15 | (+ 5) | 811 | 204 | 238 | 97 | 0.66 | 4.63 | 8.38 | 2.11 | 2.46 |
| -10 | (+14) | 1034 | 261 | 303 | 110 | 0.73 | 5.93 | 9.45 | 2.38 | 2.77 |
| -5 | (+23) | 1295 | 326 | 380 | 122 | 0.80 | 7.45 | 10.63 | 2.68 | 3.11 |

| TEST CONDITIONS: @220V1800RPM | | ASHRAE32 Fan | | | (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) | 199 | 50 | 58 | 47 | 0.36 | 1.13 | 4.19 | 1.06 | 1.23 |
| -30 | (-22) | 293 | 74 | 86 | 61 | 0.45 | 1.66 | 4.82 | 1.22 | 1.41 |
| -25 | (-13) | 413 | 104 | 121 | 75 | 0.53 | 2.34 | 5.53 | 1.39 | 1.62 |
| -20 | (- 4) | 562 | 142 | 165 | 89 | 0.62 | 3.20 | 6.32 | 1.59 | 1.85 |
| -15 | (+ 5) | 745 | 188 | 218 | 103 | 0.70 | 4.25 | 7.21 | 1.82 | 2.11 |
| -10 | (+14) | 965 | 243 | 283 | 117 | 0.78 | 5.53 | 8.24 | 2.08 | 2.41 |
| -5 | (+23) | 1227 | 309 | 359 | 130 | 0.87 | 7.06 | 9.41 | 2.37 | 2.76 |

| TEST CONDITIONS: @220V1800RPM | | ASHRAE32 Fan | | | (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) | 174 | 44 | 51 | 48 | 0.37 | 0.98 | 3.65 | 0.92 | 1.07 |
| -30 | (-22) | 252 | 63 | 74 | 63 | 0.46 | 1.43 | 4.07 | 1.03 | 1.19 |
| -25 | (-13) | 359 | 90 | 105 | 79 | 0.55 | 2.04 | 4.60 | 1.16 | 1.35 |
| -20 | (- 4) | 499 | 126 | 146 | 94 | 0.64 | 2.84 | 5.27 | 1.33 | 1.55 |
| -15 | (+ 5) | 676 | 170 | 198 | 110 | 0.73 | 3.86 | 6.10 | 1.54 | 1.79 |
| -10 | (+14) | 894 | 225 | 262 | 125 | 0.82 | 5.12 | 7.10 | 1.79 | 2.08 |
| -5 | (+23) | 1156 | 291 | 339 | 140 | 0.91 | 6.65 | 8.29 | 2.09 | 2.43 |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: @220V3000RPM | | ASHRAE32 Fan | | | (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) | 496 | 125 | 145 | 90 | 0.65 | 2.81 | 5.46 | 1.38 | 1.60 | |
| -30 (-22) | 666 | 168 | 195 | 108 | 0.74 | 3.77 | 6.22 | 1.57 | 1.82 | |
| -25 (-13) | 896 | 226 | 262 | 125 | 0.84 | 5.09 | 7.19 | 1.81 | 2.11 | |
| -20 (- 4) | 1186 | 299 | 347 | 142 | 0.94 | 6.75 | 8.34 | 2.10 | 2.45 | |
| -15 (+ 5) | 1535 | 387 | 450 | 159 | 1.04 | 8.77 | 9.63 | 2.43 | 2.82 | |
| -10 (+14) | 1943 | 490 | 569 | 176 | 1.14 | 11.14 | 11.01 | 2.77 | 3.23 | |
| -5 (+23) | 2410 | 607 | 706 | 194 | 1.23 | 13.86 | 12.43 | 3.13 | 3.64 | |

| TEST CONDITIONS: @220V3000RPM | | ASHRAE32 Fan | | | (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) | 440 | 111 | 129 | 93 | 0.66 | 2.49 | 4.73 | 1.19 | 1.38 | |
| -30 (-22) | 611 | 154 | 179 | 114 | 0.78 | 3.46 | 5.39 | 1.36 | 1.58 | |
| -25 (-13) | 838 | 211 | 246 | 134 | 0.90 | 4.76 | 6.25 | 1.58 | 1.83 | |
| -20 (- 4) | 1122 | 283 | 329 | 154 | 1.02 | 6.38 | 7.26 | 1.83 | 2.13 | |
| -15 (+ 5) | 1461 | 368 | 428 | 174 | 1.15 | 8.34 | 8.38 | 2.11 | 2.45 | |
| -10 (+14) | 1854 | 467 | 543 | 194 | 1.27 | 10.62 | 9.55 | 2.41 | 2.80 | |
| -5 (+23) | 2302 | 580 | 675 | 215 | 1.39 | 13.25 | 10.74 | 2.71 | 3.15 | |

| TEST CONDITIONS: @220V3000RPM | | ASHRAE32 Fan | | | (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) | 377 | 95 | 111 | 87 | 0.64 | 2.13 | 4.35 | 1.10 | 1.27 | |
| -30 (-22) | 550 | 139 | 161 | 112 | 0.78 | 3.12 | 4.91 | 1.24 | 1.44 | |
| -25 (-13) | 776 | 196 | 227 | 137 | 0.93 | 4.41 | 5.63 | 1.42 | 1.65 | |
| -20 (- 4) | 1054 | 266 | 309 | 162 | 1.08 | 6.00 | 6.48 | 1.63 | 1.90 | |
| -15 (+ 5) | 1383 | 348 | 405 | 187 | 1.23 | 7.89 | 7.41 | 1.87 | 2.17 | |
| -10 (+14) | 1763 | 444 | 517 | 211 | 1.37 | 10.10 | 8.36 | 2.11 | 2.45 | |
| -5 (+23) | 2193 | 553 | 643 | 236 | 1.52 | 12.61 | 9.30 | 2.34 | 2.73 | |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: @220V3000RPM | | ASHRAE32 Fan | | | (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] |
| -35 | (-31) | 309 | 78 | 91 | 72 | 0.58 | 1.75 | 4.26 | 1.07 | 1.25 |
| -30 | (-22) | 485 | 122 | 142 | 104 | 0.75 | 2.75 | 4.69 | 1.18 | 1.38 |
| -25 | (-13) | 709 | 179 | 208 | 135 | 0.92 | 4.03 | 5.27 | 1.33 | 1.54 |
| -20 | (- 4) | 981 | 247 | 288 | 165 | 1.09 | 5.58 | 5.94 | 1.50 | 1.74 |
| -15 | (+ 5) | 1301 | 328 | 381 | 196 | 1.27 | 7.43 | 6.65 | 1.68 | 1.95 |
| -10 | (+14) | 1668 | 420 | 489 | 227 | 1.44 | 9.55 | 7.37 | 1.86 | 2.16 |
| -5 | (+23) | 2081 | 524 | 610 | 258 | 1.61 | 11.97 | 8.05 | 2.03 | 2.36 |

| TEST CONDITIONS: @220V4500RPM | | ASHRAE32 Fan | | | (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) | 711 | 179 | 208 | 150 | 0.96 | 4.02 | 4.73 | 1.19 | 1.39 |
| -30 | (-22) | 936 | 236 | 274 | 168 | 1.10 | 5.30 | 5.59 | 1.41 | 1.64 |
| -25 | (-13) | 1222 | 308 | 358 | 189 | 1.24 | 6.94 | 6.49 | 1.63 | 1.90 |
| -20 | (- 4) | 1575 | 397 | 461 | 212 | 1.38 | 8.96 | 7.43 | 1.87 | 2.18 |
| -15 | (+ 5) | 1998 | 503 | 585 | 236 | 1.52 | 11.41 | 8.44 | 2.13 | 2.47 |
| -10 | (+14) | 2496 | 629 | 731 | 262 | 1.66 | 14.30 | 9.51 | 2.40 | 2.79 |
| -5 | (+23) | 3072 | 774 | 900 | 288 | 1.80 | 17.67 | 10.66 | 2.69 | 3.12 |

| TEST CONDITIONS: @220V4500RPM | | ASHRAE32 Fan | | | (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) | 627 | 158 | 184 | 148 | 0.98 | 3.55 | 4.24 | 1.07 | 1.24 |
| -30 | (-22) | 854 | 215 | 250 | 170 | 1.12 | 4.84 | 5.04 | 1.27 | 1.48 |
| -25 | (-13) | 1136 | 286 | 333 | 194 | 1.27 | 6.45 | 5.86 | 1.48 | 1.72 |
| -20 | (- 4) | 1478 | 373 | 433 | 220 | 1.42 | 8.41 | 6.73 | 1.70 | 1.97 |
| -15 | (+ 5) | 1885 | 475 | 552 | 246 | 1.57 | 10.76 | 7.65 | 1.93 | 2.24 |
| -10 | (+14) | 2361 | 595 | 692 | 274 | 1.72 | 13.53 | 8.63 | 2.17 | 2.53 |
| -5 | (+23) | 2909 | 733 | 852 | 301 | 1.87 | 16.73 | 9.67 | 2.44 | 2.83 |

E - PERFORMANCE - CURVES

| TEST CONDITIONS: @220V4500RPM | | ASHRAE32 Fan | | | (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) | 547 | 138 | 160 | 141 | 0.96 | 3.09 | 3.87 | 0.98 | 1.13 |
| -30 | (-22) | 775 | 195 | 227 | 169 | 1.13 | 4.39 | 4.59 | 1.16 | 1.35 |
| -25 | (-13) | 1053 | 265 | 309 | 197 | 1.29 | 5.98 | 5.33 | 1.34 | 1.56 |
| -20 | (- 4) | 1385 | 349 | 406 | 227 | 1.46 | 7.88 | 6.11 | 1.54 | 1.79 |
| -15 | (+ 5) | 1775 | 447 | 520 | 256 | 1.62 | 10.13 | 6.93 | 1.75 | 2.03 |
| -10 | (+14) | 2228 | 561 | 653 | 286 | 1.79 | 12.76 | 7.80 | 1.97 | 2.29 |
| -5 | (+23) | 2748 | 692 | 805 | 315 | 1.96 | 15.81 | 8.73 | 2.20 | 2.56 |

| TEST CONDITIONS: @220V4500RPM | | ASHRAE32 Fan | | | (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) | 471 | 119 | 138 | 131 | 0.91 | 2.66 | 3.61 | 0.91 | 1.06 |
| -30 | (-22) | 700 | 176 | 205 | 164 | 1.10 | 3.97 | 4.24 | 1.07 | 1.24 |
| -25 | (-13) | 973 | 245 | 285 | 198 | 1.29 | 5.53 | 4.89 | 1.23 | 1.43 |
| -20 | (- 4) | 1294 | 326 | 379 | 232 | 1.48 | 7.37 | 5.57 | 1.40 | 1.63 |
| -15 | (+ 5) | 1668 | 420 | 489 | 266 | 1.67 | 9.52 | 6.28 | 1.58 | 1.84 |
| -10 | (+14) | 2098 | 529 | 615 | 299 | 1.86 | 12.02 | 7.03 | 1.77 | 2.06 |
| -5 | (+23) | 2589 | 652 | 759 | 331 | 2.05 | 14.89 | 7.83 | 1.97 | 2.29 |

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 | 6.5 +0.12/-0.08 | [mm] | (0.256" +0.005"/-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 | | |