Environmental Tests

TEMPERATURE / HUMIDITY TESTING

DAMP HEAT STEADY STATE	APPLICABLE STANDARD
Temp. Range : +10°C to +90°C	ISO/IEC 17025 Accreditated test: BS EN / IEC 60068-2-3
Humidity Range : 10 to 98%rh	Standard which we are specialist: EIA-364-31; AFNOR NF F 61-030; VG95328; VG96929; VG95351; VG96934; VG95319-2; VG95234; MIL-DTL-38999; MIL-DTL-26482
Chamber Size:	
690mmx600mmx610mm	
500mmx610mmx500mm	

DAMP HEAT-CYCLIC	APPLICABLE STANDARD
Temp. Range : +10°C to +90°C (with humidity) ; -40°C to 180°C	ISO/IEC 17025 Accreditated test: BS EN / IEC 60068-2-30
Humidity Range : 10 to 98%rh	Standard which we are specialist: EIA-364-31; AFNOR NF F 61-030; VG95328; VG96929; VG95351; VG96934; VG95319-2; VG95234; MIL-DTL-38999; MIL-DTL-26482
Chamber Size :	
650mmx500mmx600mm	
800mmx600mmx500mm	

COLD	APPLICABLE STANDARD
Min Temp : -65°C	ISO/IEC 17025 Accreditated test: BS EN / IEC 60068-2-1
Max chamber size :	Standard which we are specialist: EIA-364-59 ; VG95234; VG95328; VG96929; VG95351; VG96934; VG95319-2
800mmx600mmx500mm	

ICE RESISTANCE	APPLICABLE STANDARD
Min Temp : -65°C	Standard which we are specialist: MIL-DTL-38999
Max chamber size :	
800mmx600mmx500mm	

Temperature and Humidity Testing is performed using industry-standard and IEC accepted practices of temperature cycling and humidity exposure. New and high-quality testing equipment ensures accurate results.

Available Tests:

- **Dry heat**
- **Dry cold**
- **Damp heat steady state**
- **Damp heat cyclic**
- **Thermal shock**

© 2019 Glenair Italia S.p.A. • Via Del Lavoro, 7, 40057 Quarto Inferiore – Granarolo dell'Emilia, Bologna, Italy • Tel +39-051-782811 • www.glenair.it

Environmental Test

CORROSION / FLUID

DRY HEAT - TEMPERATURE LIFE TEST	APPLICABLE STANDARD
Maximum Temp : +260°C	ISO/IEC 17025 Accreditated test: BS EN / IEC 60068-2-2
Chamber Size : 500mmx600mmx600mm	Standard which we are specialist: EIA-364-17; VG95234; VG95328; VG96929; VG95351; VG96934; VG95319-2; MIL-DTL-26482; MIL-DTL-38999; AFNOR NF F 61-030

THERMAL SHOCK / TEMPERATURE CYCLING	APPLICABLE STANDARD
Temp. Range : -65°C to +260°C	ISO/IEC 17025 Accreditated test: BS EN / IEC 60068-2-14
Manual (two chambers method)	Standard which we are specialist: EIA-364-32; VG95234; VG95328; VG96929; VG95351; VG96934; VG95319-2; MIL-DTL-26482; MIL-DTL-38999; AFNOR NF F 61-030

CHANGE OF TEMPERATURE	APPLICABLE STANDARD
Gradual in air; -75°C / +180°C ; -75°C to +180°C: 5°C/Min ; +180°C to -75°C: 2,5°C/Min	ISO/IEC 17025 Accreditated test: BS EN / IEC 60068-2-14

LOW PRESSURE / ALTITUDE / ALTITUDE IMMERSION	APPLICABLE STANDARD
Sea level to 5mBar ; up to 200°C	Standard which we are specialist: EIA-364-03; MIL-DTL-26482; VG95234; VG95328; VG96929; VG95319-2.

SALT SPRAY / CORROSION TEST	APPLICABLE STANDARD
Max chamber size : 500 Lt	ISO/IEC 17025 Accreditated test: BS EN / IEC 60068-2-11
Salt spray static, cyclic (salt spray + humidity), dynamic (salt spray + durability)	Standard which we are specialist: IEC 60068-2-52; ASTM B117-11; ISO 9227; ASTM D1654 - 92; AFNOR NF F 61-030; EIA-364-26; VG95234; VG95328; VG96929; VG95351; VG96934; VG95319-2; MIL-DTL-26482; MIL-DTL-38999

FLUID RESISTANCE	APPLICABLE STANDARD
Testing & evaluation of materials to fluid.	Standard which we are specialist: EIA-364-10; MIL-DTL-38999; MIL-DTL-26482; VG95234; VG95328; VG96929; VG95351; VG96934; VG95319-2; MIL-DTL-38999; MIL-DTL-26482; AFNOR NF F 61-030

Accelerated harsh-weather testing is performed to ensure components under test meet qualification requirements for galvanic corrosion and resistance, resistance to solvents, and S02.

Available Tests:

- **Salt spray/SO2**
- **Resistance to solvents**

© 2019 Glenair Italia S.p.A. • Via Del Lavoro, 7, 40057 Quarto Inferiore – Granarolo dell'Emilia, Bologna, Italy • Tel +39-051-782811 • www.glenair.it