XAP TECHNOLOGY
SOLUTIONS FOR YOUR FUTURE

▶ COOLING SYSTEM:

RACING COOL RC-100







KEEP COOL & FOCUSED - DRIVE SAFER & FASTER

XAP Technology designs and manufactures high-performance embedded mechatronic systems for the world's most demanding environments. Combining electronics, software and mechanical engineering, XAP develops reliable and innovative solutions for motorsport, mobility, defense and industry.

Heat is one of the main causes of driver fatigue. Racing Cool RC100 maintains the driver's core temperature by circulating refrigerated liquid through an FIA-approved cooling garment. The result is improved concentration, reduced fatigue and consistent performance throughout the race.

The Racing Cool RC100 is a self-contained liquid cooling system designed to regulate the driver's body temperature throughout the race. By circulating refrigerated coolant through an FIA-approved cooling garment, it reduces fatigue, improves concentration and maintains consistent performance without the need for consumables such as dry ice.

STAY COOL. STAY FOCUSED. PERFORM LONGER.

PROFESSIONAL LIQUID COOLING FOR DRIVERS OPERATING IN EXTREME CONDITIONS.

FIA-PROVEN TECHNOLOGY:
Developed and validated for professional motorsport applications using FIA-approved cooling garments.

UNLIMITED COOLING:
Integrated refrigeration system providing continuous cooling without dry ice or external consumables.

IMPROVED DRIVER PERFORMANCE:
Reduces thermal stress, helping drivers maintain concentration, reaction time and endurance.

PLUG & PLAY INSTALLATION:
Compact self-contained unit requiring only a 12 V power supply for rapid installation.

LOW OPERATING COST:
No consumables, minimal maintenance and reduced operating costs over the product lifetime.

COMPACT & RELIABLE:
Designed for harsh motorsport environments with industrial-grade components.

MAINTAIN PEAK PERFORMANCE EVEN IN THE MOST EXTREME TEMPERATURES.



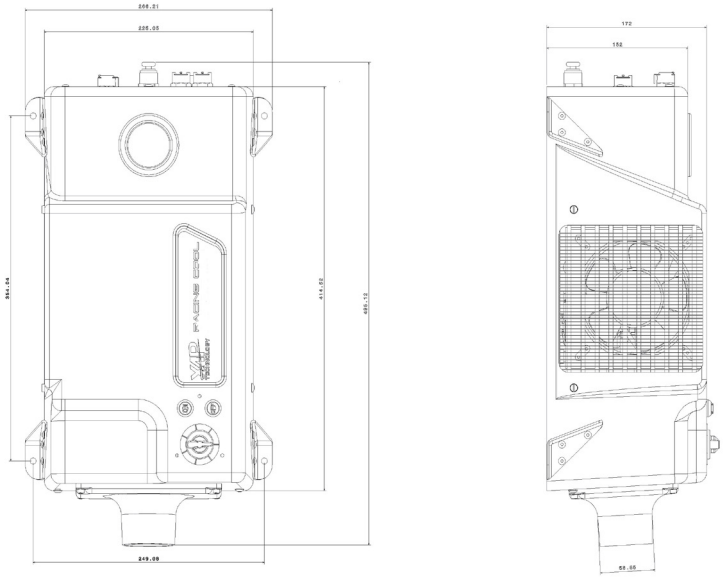


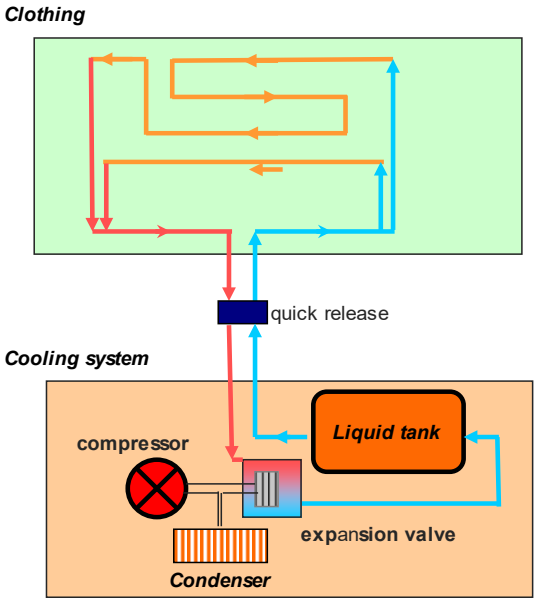




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DIMENSIONS





POWER SPECIFICATIONS

Supply Voltage	
Maximum Current	
Maximum Power Consumption	
Control Interface	
Status LED	
Protection	
CAN Interface	

COOLING SPECIFICATIONS

Cooling Technology	
Refrigerant	
Cooling Capacity	
Coolant Tempera-ture	
Temperature Control	
Pump Type	
Tank Capacity	
Number of Cooling Circuits	
Quick Release couplings	

MECHANICAL SPECIFICATIONS

Dimensions	
Weight	
Housing material	
Mounting	
Cooling ports	
Air inlet	
Protection Rating	
Operating temperature	

REFERENCES

PF	
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PF	
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MORE INFORMATION ON
HTTPS://STORE.XAP.FR

XAP TECHNOLOGY
298, rue des Entrepreneurs - 30420 Calvisson - FRANCE
Tél : +33 (0)4 66 02 94 94
Email: contact@xap.fr