

Efficient Humidity Controller



BMS



Battery



ECU



Car light

Efficient Humidity Controller

WiseSorbPro Efficient Humidity Controller uses specialized desiccant materials combined with an innovative breathable valve system to provide superior moisture control and protection. It safeguards sensitive automotive electronic components from humidity fluctuations, reducing component wear and minimizing the risk of early invalidation, significantly extending the lifespan of parts. Additionally, the desiccant material inside the WiseSorbPro EHC can partially regenerate its moisture-absorbing capacity using the heat generated by the vehicle during operating, further prolonging its service life. This ensures that automotive electronic components remain in optimal condition, delivering excellent performance and reliability.



Simple structure, easy installation



Multiple desiccant materials options available to meet diverse operational needs



Self-regenerating desiccant extending service life and enhancing durability

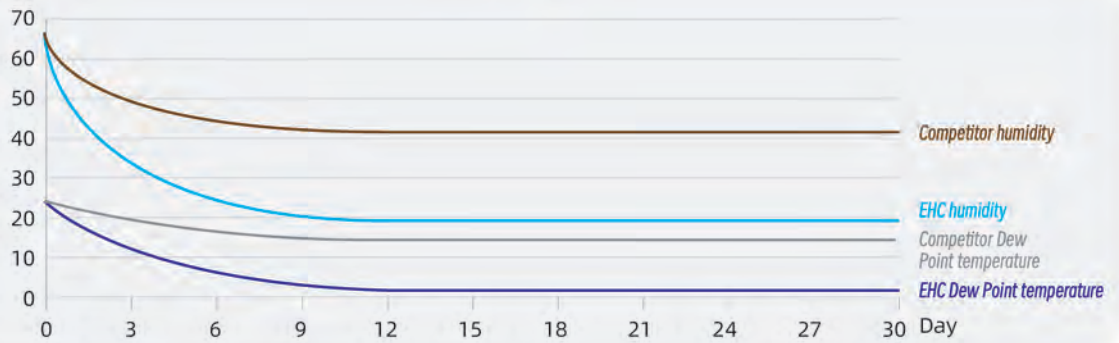


Innovative humidity control replaces traditional desiccant packs



Eco-friendly and recyclable

EHC
vs.
Competitor
Comparison
Test

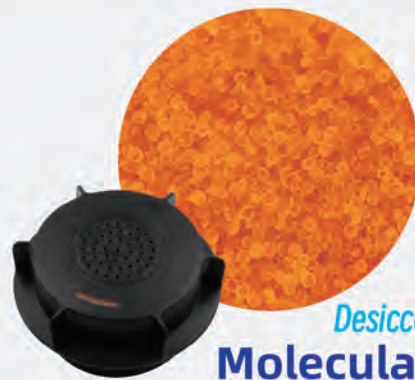


Desiccant Material
Silica gel

STANDARD
15-30% RH

Operating
Temperature
-40~120°C

Ingress
Protection Rate
IP67



Desiccant Material
Molecular sieve

STANDARD
30-50% RH

Operating
Temperature
-40~120°C

Ingress
Protection Rate
IP67

45g
Weight



14mm
Outer Dimension

4L-10L
Suggested used space

16.5mm
Inner Dimension

65g
Weight



19mm
Outer Dimension

10L-16L
Suggested used space

21.4mm
Inner Dimension