

AireShield by Macurco

The Macurco AireShield is your all-in-one solution for advanced refrigerant detection, offering unmatched flexibility across a wide range of applications. Powered by cutting-edge NDIR sensor technology with built-in temperature compensation, it delivers industry-leading accuracy while dramatically reducing false alarms, outperforming older technologies like MOS sensors known for high error rates and constant maintenance.

With a long sensor lifespan and low cost of ownership, the AireShield is designed to go the distance without compromising performance. It not only meets but exceeds regulatory codes and compliance standards. Installation, commissioning, and maintenance are fast and effortless thanks to smart sensor integration, which delivers real-time diagnostics and a full suite of user alerts.

Whether in commercial refrigeration, HVAC, or industrial systems, the AireShield ensures your environment remains safe, efficient, and compliant—every hour of every day.



Chiller Guide

AireShield Data Sheet

Refrigerant Regulations/Codes



