

Solid-State Refrigeration for Improved Temperature Performance & Fewer Alarms

The number of temperature excursions from traditional refrigerators can be downright alarming.



Uniformity

Compressor-based refrigeration often leaves warm and cold spots from uneven cooling, putting **vaccines and medications at risk**, making areas of the cabinet unsafe to use and generating alarms.



Control

Facilities staff are quickly overloaded from work orders generated each time poor temperature performance of a traditional compressor system triggers an alarm.



Stability

Traditional refrigeration cycles oscillate as much as 5°C creating wide temperature fluctuations resulting in **frequent alarms**.

It's time to expect more from your laboratory and medical-grade refrigerators.

Phononic Solid-State Refrigerators Deliver:



Constant temperature monitoring & real-time adjustment



Tight temperature stability of only 0.5 C°



Even cooling throughout the entire cabinet

Find the right solution with Phononic
Contact us to learn more