

AUTOMATION:

CLOSED-LOOP DRIVE AIR-CONDITIONING SYSTEMS



EXPANSEELECTRICAL.COM

Extend the life of your VFD with cooling solutions from Expanse

Heat, moisture, and contamination are three of the leading contributors to VFD failure. Traditional forced air cooling systems can be inundated and rapidly lose effectiveness when exposed to extreme climate conditions and elements such as snow and dust. For years, our team at Expanse has been manufacturing industrial closed loop Air Conditioned VFD solutions to address all of these concerns and extend the life of your equipment.

If the cabinet housing your drives is exposed to extreme climate conditions and elements, such as snow or dust, cooling system filters can become inundated and seize up. Our team at Expanse developed a closed-loop drive air conditioning system designed to overcome those challenges and extend the life of your drives.



The Expanse Advantage

- In-depth understanding of technical drives
- Product design team focused on individual customer needs
- Every unit is functional tested before shipment
- Extensive QC program

KEEP COOL AIR IN AND THE ELEMENTS OUT

With a sealed design, outside air is not forced into the enclosure. A drive installed for years can look like new when utilizing closed-loop cooling systems. In addition, air conditioning makes it possible to install VFDs in extreme heat up to 131°F.

REDUCE YOUR NUMBER OF ANNUAL SERVICE HOURS

With less temperature issues associated with the closed-loop system, annual service hours are dramatically reduced. This can result in significant maintenance cost savings throughout the year.

Why Expanse?

- 24/7 Emergency Response
- 70+ Years of Experience
- Turnkey Services & Solutions
- In-House Engineering Department
- Experienced Craftsmen
- Local Expertise on National Scale
- Customer Support Across Geographical & Operational Spectrums