



AK2-SC 255

New Generation ADAP-KOOL® Electronic Controls For Supermarket Control and Monitoring

- User-friendly and flexible
- New hardware, built on proven software platform
- Brilliant full color display, high resolution
- Remote software screens identical to controller
- Fast remote communication
- On board Ethernet
- Control stepper EEPROMs
- Pocket Manager (for PDA) for store managers
- Remote access via modem or Internet
- Scalable system solutions



Color display, and a keypad advanced and enhanced

The new ADAP-KOOL controller's high resolution color display lets Danfoss deliver a new generation of displays easier to use, read, and understand.

Next and Previous keys improve navigation.

Multi-function keys let you easily enter numerals and text in a simple and natural way.



Handheld Access for Store Managers

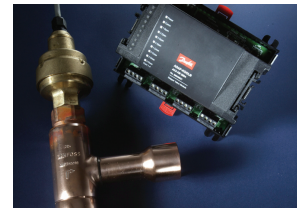
Pocket Manager running on a wireless handheld PDA lets store manager view important operational status data. Managers can view HVAC status, temporarily override lighting schedules, and perform manual defrosts if needed. The manager can receive and react to alarms with Pocket Manager.



Stepper EEPR Control

A unique algorithm (pat pend.) for optimized suction control

Provides precise suction-side temperature control within tight bounds, AK2-SC255 software includes new advanced algorithms for pinpoint control of stepper motor electronic evaporator pressure regulation valves (EEPR).



System Scalability

The AK2-SC255 is powerful, flexible, easy to install, and easy to use. Perhaps best of all, it is economically efficient in stores where the extent of control and monitoring may grow. Using compact, easy-to-install AK2 I/O modules, you can control one rack and its systems or a whole store, locating groups of modules mounted on DIN rail where you need them throughout the installation. The AK2-SC255 will be compatible with all new generation ADAP-KOOL modules to come, and is also backward compatible with prior Danfoss I/O products.



Technical data

Versions: Wall mount, DIN rail mount, without display.

Power supply: 120-208Vac 50Hz 40 VA

Operating temperature: 32 to 104°F (0 to +40°C)
@ 95% RH (non-condensing)

32 to 122°F (0 to +50°C)
@ 0 to 90% RH (non-condensing)

Storage temperature: -4 to 122°F (-20 to +50°C)

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