



20%

energy savings

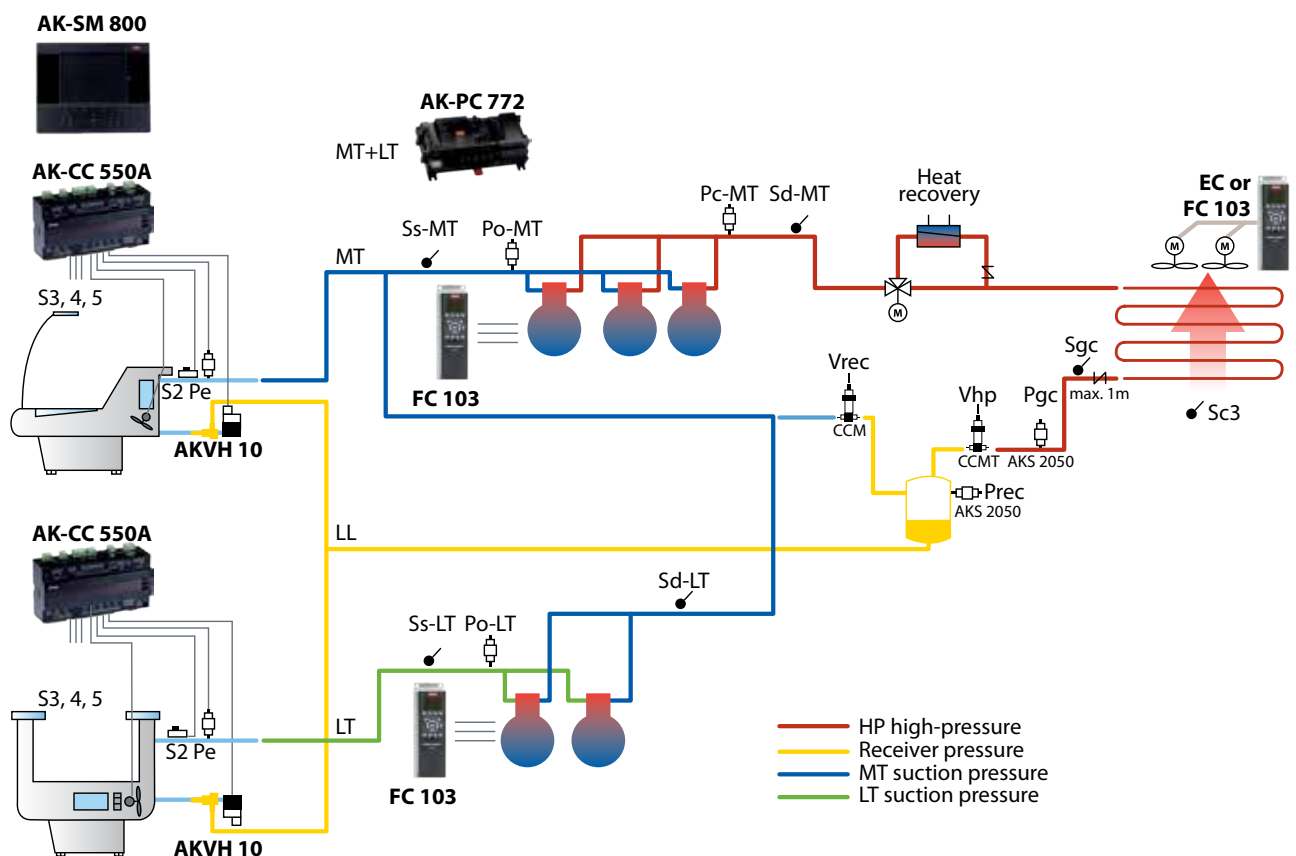
when choosing a suitable system with CO₂ compared to traditional systems with HFCs.

Transcritical CO₂ mini-booster controller for convenience and discount stores

- * Robust performance and proven transcritical control algorithms
- * More than 10 years field experience
- * Dedicated controller optimized for small stores with CO₂ Refrigeration systems
- * Graphical display for on-site supervision and service, improved user interface
- * Increased energy efficiency through COP optimization and easy-to-set up heat reclaim
- * Makes CO₂ transcritical systems easy to operate, safe and affordable



AK-PC 772 Controller for transcritical CO₂ mini-booster packs



A cost-effective control solution integrating:

- High-pressure and receiver control (CO₂) with COP optimization
- Compressor and condenser capacity control (Gas Cooler)
- Multi-speed control (lead compressor, fan)
- Energy-effective heat reclaim for hot tap water and store heating

Complete ADAP-KOOL® solution for small stores:

- **AK-SM 800** series - System Manager for monitoring and system optimization of complete refrigeration systems, including alarm and HACCP monitoring; WEB server for remote supervision and service
- **AK-PC 772** - Pack control for 3 MT and 2 LT CO₂ compressors, integrated high-pressure receiver and gas cooler control, as well as heat reclaim
- **AK-CC 550A** - Display Case and Room Controller, including ADAP-KOOL® Adaptive Superheat Control with electronic expansion valve type AKVH 10 for CO₂

Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alternations can be made without subsequential changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.