

XEV22D valve driver

Stepper electronic expansion valve management



Advanced superheat control

Mechanical valve drivers may not allow efficient control of the case during low load or head pressure conditions. Emerson's XEV valve driver allows retailers to manage valves electronically and ensure a stable flow of refrigerant measured precisely to the needs of the system.

- Responds to temperature controller to optimize refrigerant flow through valve
- Driver for stepper electronic expansion valve management
- Fast recovery algorithm corrects superheat problems more rapidly than traditional systems after verifying a superheat alarm condition
- Improves system efficiency through its ability to control superheat to a low, stable setting

Display:
n° digits: ±3 d.p.

Keyboard:
3 push buttons

Power supply:
24Vac/dc

Probe inputs:
Suction pressure: 4 to 20mA/0 to 5V configurable
Suction temperature: Pt1000/NTC configurable

Digital inputs:
Dry Contact: Yes
High voltage: Yes

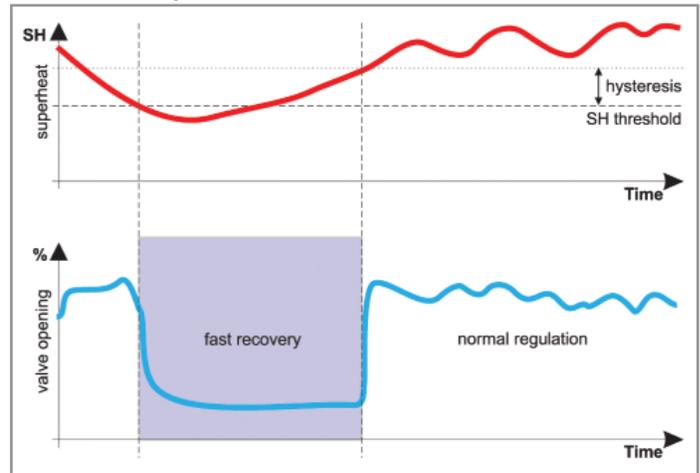
Relay output:
Alarm: 8A configurable

Other:
Hot Key/Prog Tool Kit output: Yes
Serial output: RS485 (Compatible with E2 & XWeb)
Alarm recovery by LAN: Yes

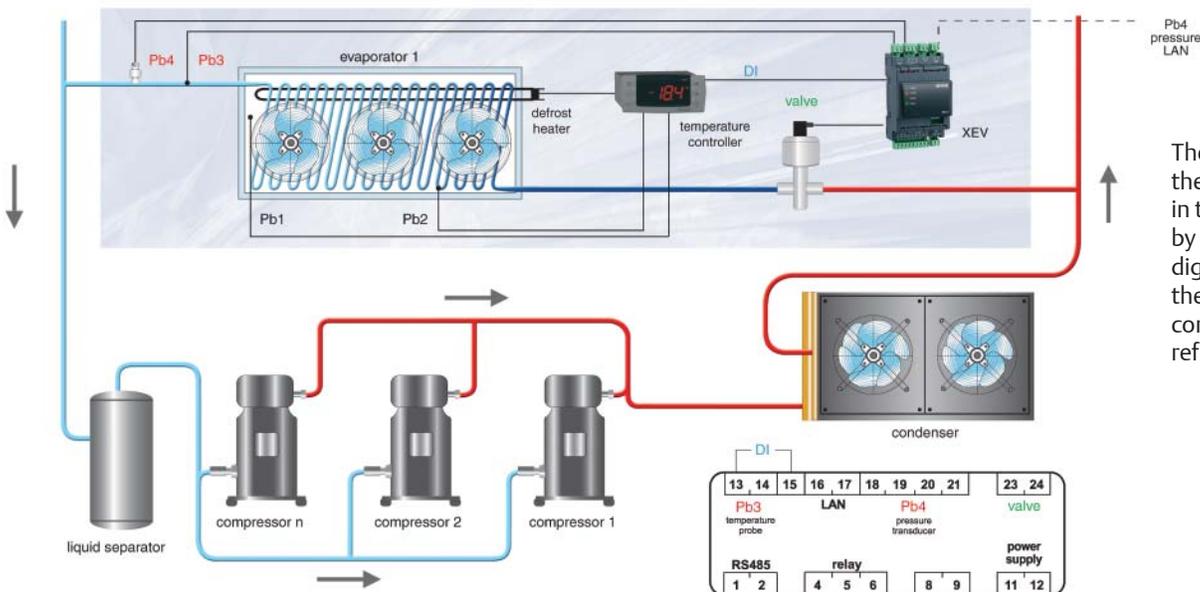
Intelligent Store® architecture

Integrating facility hardware with Emerson's ProAct® service offerings allows retailers to capitalize on their infrastructure investments and further reduce operational costs. Over time, efficiencies gained from infrastructure investments will erode if not properly maintained. Emerson's facility experts offer free analysis of operational data and prescribe a customized set of solutions to target areas needing improvement. For free operational cost analysis, contact us at RetailSolutionsMarketing@Emerson.com. For more information on Emerson's ProAct services, visit EmersonClimate.com.

Fast recovery



Refrigeration circuit



The XEV unit drives the valve, which is in turn commanded by the activation of digital input from the temperature controller in this refrigeration circuit.

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