

IntelliSOC

by
FES Systems Inc

Forging ahead...

- Simple System Installation
- Lower System Discharge Pressure
- Precise Temperature Control
- Easier User Interface
- Reduced Package & Field Piping
- Electronic Operation



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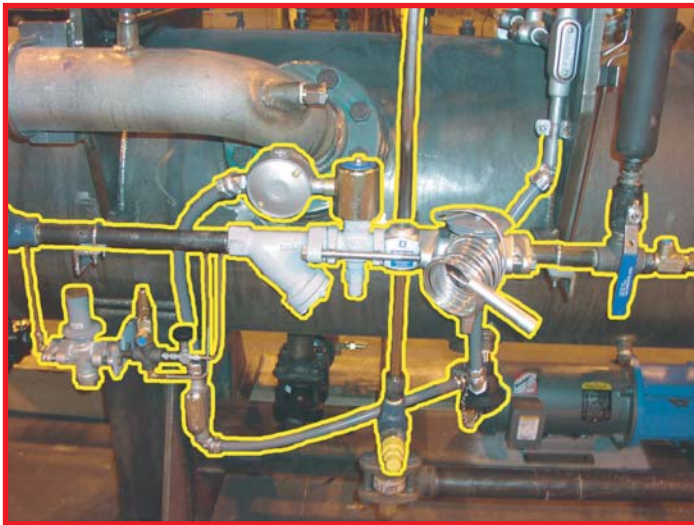
IntelliSOC

Making Ownership Easier...

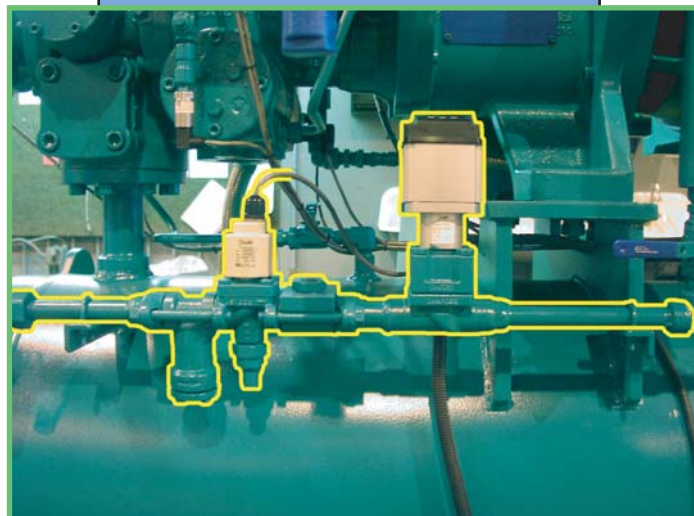
IntelliSOC (Intelligent Screw Oil Cooling) is an electronic form of liquid injection that uses a motorized control valve to regulate the amount of refrigerant injected to the compressor.



Electronic Valve Train Assembly



Compare the **conventional** Thermal-expansion valve setup (above) to the new, simplified **IntelliSoc** (below)



The IntelliSOC provides you with:

- Lower System Pressure

Equates to lower operating costs! The motorized valve is capable of operating at a lower differential pressure across the valve compared to a thermal-expansion valve.

- Easier User Interface -

Simply enter desired temp into Micro III. It's as easy as entering suction pressure parameter! No more trial and error setting of the regulator feeding on the thermal-expansion valve pilot.

- Reduced Piping -

Fewer connections means less leak points and a cleaner looking package.



GEA FES Systems Inc.
Refrigeration Division

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