

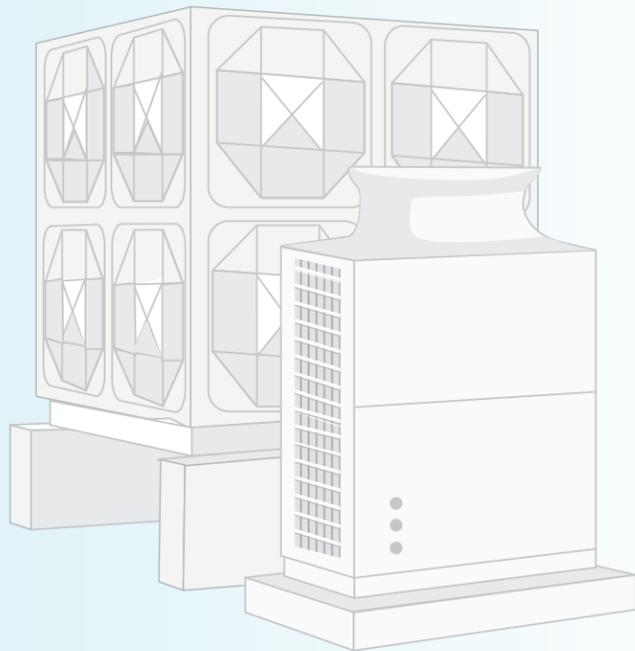
Applications

- Heat pump type hot water supplies, product display cases, refrigeration unit

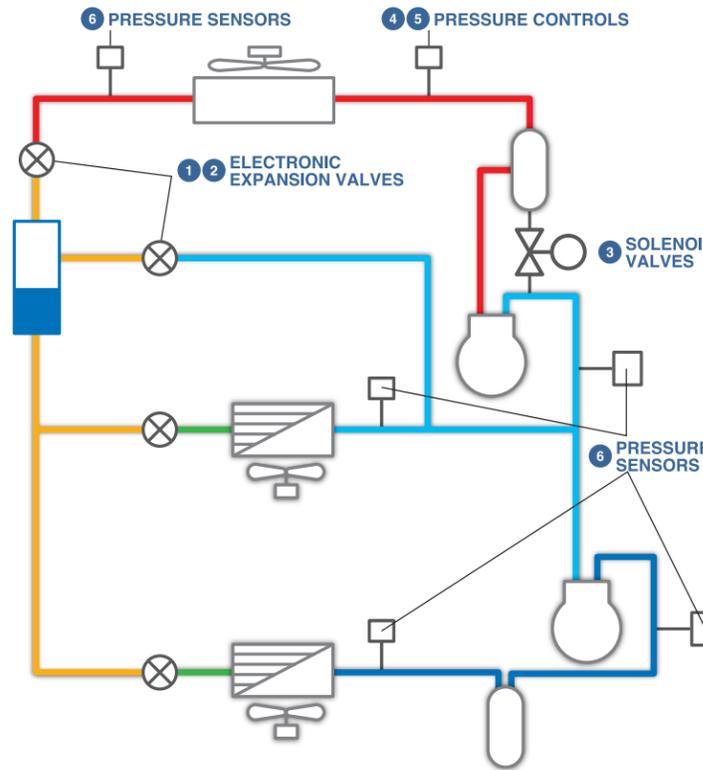
Key Features

- Variety of products
- Operates under supercritical conditions
- Extremely high pressure control (Max. working pressure: 2175 psi)

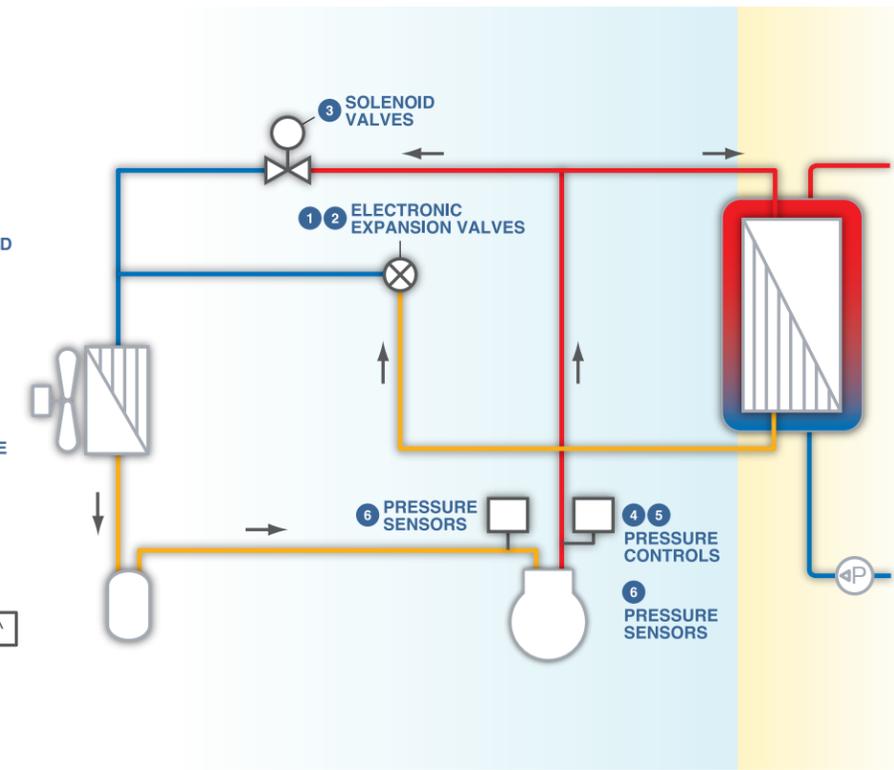
Example: achieves higher hot water temperatures in heat pump water heaters



Refrigeration Unit



Heat Pump Water Heater



1 | ELECTRONIC EXPANSION VALVES

Type **JKV-M**

- [Rated Voltage] 12V.DC
- [Max. Working Press.] 2175 psi
- [Capacity] 6.2 to 8.7 U.S.R.T.
- [Fluid Temp.] -22 to 158°F
- [Actuator] Stepper motor



2 | ELECTRONIC EXPANSION VALVES

Type **UKV-J/JKV**

- [Rated Voltage] 12V.DC
- [Max. Working Press.] 2175 psi
- [Capacity] 1.0 to 34.0 U.S.R.T.
- [Fluid Temp.] -22 to 158°F
- [Actuator] Stepper motor

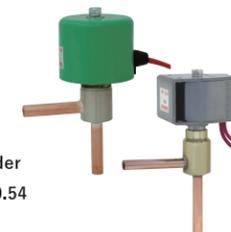


*Excl. JKV

3 | SOLENOID VALVES

Type **HPV**

- [Max. Working Pressure] 1885, 2001, 2030, 2175 psi
- [Fluid Temperature] -22 to 248°F
- [Connections] 1/4", 5/16" Solder
- [Cv Value] 0.028, 0.038, 0.32, 0.54



- | EEV DRIVER

Type **LNE**

- [Supply Voltage] 24V.DC
- [Input] 4 to 20mA
- Contact input (Start-up signal)
- Contact input (Initialization signal)



4 | PRESSURE CONTROLS

Type **CCB**

- [Range] ON 1450 psi
- OFF 2175 psi
- [Contact Functions] SPST
- [Connections] 1/4" Solder



5 | PRESSURE CONTROLS

Type **CKB**

- [Range] ON 638 to 1595 psi (ON-OFF Diff.145 psi) or Manual reset
- OFF 783 to 1740 psi
- [Contact Functions] SPDT
- [Connections] 1/4" Female flare
- [Reset Type] Automatic reset / Manual reset



6 | PRESSURE SENSORS

Type **HSK**

- [Press. Range] 0 to 2175 psi
- [Output] 0.5 to 4.5V.DC / 4 to 20mA
- [Supply Voltage] 5V.DC / 7 to 35V.DC
- [Connections] Solder, NPT 1/4"

