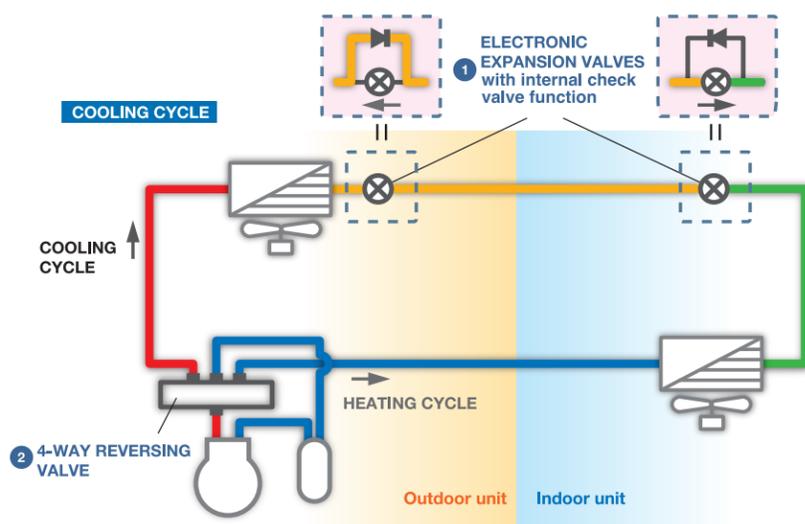
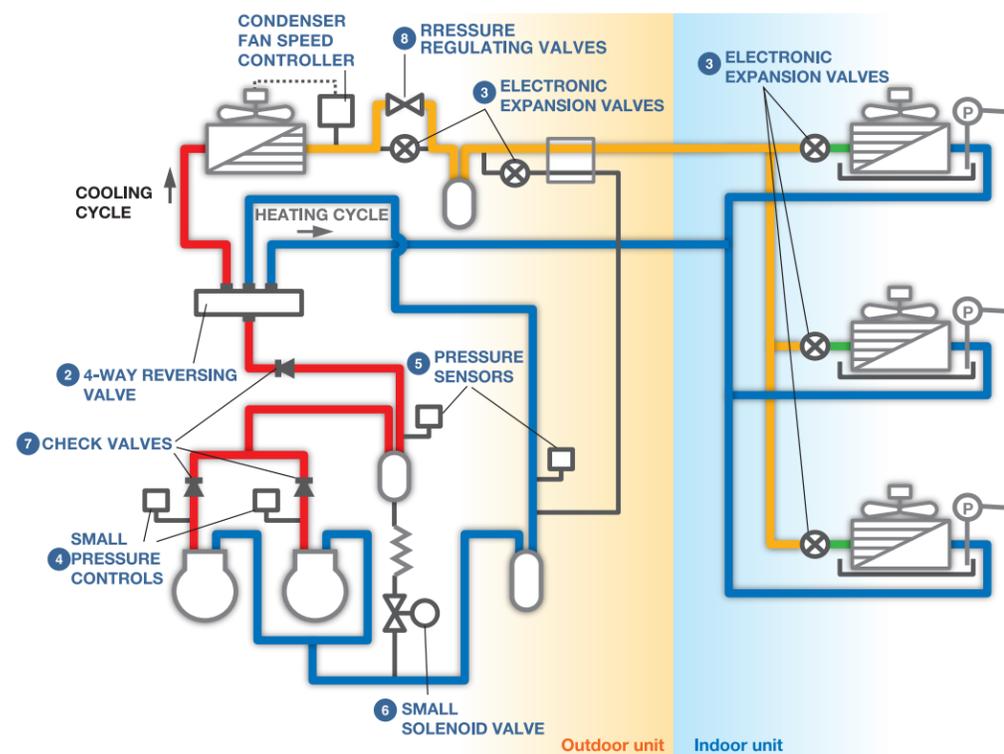


Residential Air Conditioning



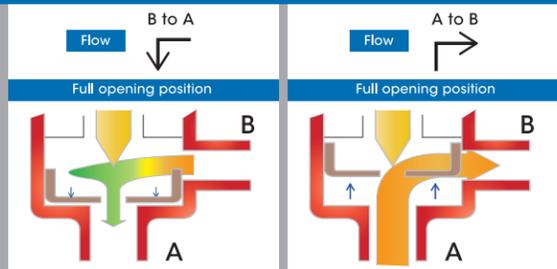
Commercial Air Conditioning



1 | ELECTRONIC EXPANSION VALVES with internal check valve function

Type **UKV-F**

- [Rated Voltage] 12V.DC
- [Max. Working Pressure] 623 psi
- [Capacity] 3.4 to 7.6 U.S.R.T. (R410A)
- [Fluid Temperature] -22 to 158°F
- [Actuator] Stepper motor



2 | 4-WAY REVERSING VALVES

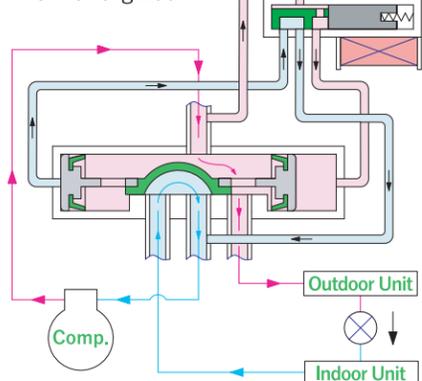
Type **STF**

- [Capacity] 0.5 to 102.0 U.S.R.T. (R410A)
- [O.P.D.] 44 to 449 psi
- [Fluid Temperature] -4 to 248°F
- 4 to 266°F (STF-20U27G to 60U9G)

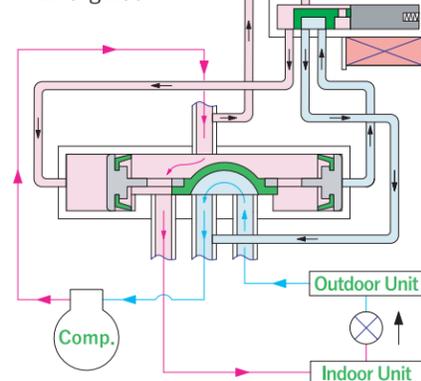


Operation Principle [Coil energized at heating cycle]

Cooling mode cycle
Non-energized



Heating mode cycle
Energized



3 | ELECTRONIC EXPANSION VALVES

Type **UKV-S**

- [Rated Voltage] 12V.DC
- [Max. Working Pressure] 623 psi
- [Capacity] 0.5 to 13.1 U.S.R.T.(R410A)
- [Fluid Temperature] -22 to 158°F
- [Actuator] Stepper motor



Type **UKV-SH**

- [Rated Voltage] 12V.DC
- [Max. Working Pressure] 623 psi
- [Capacity] 20.6 to 39.6 U.S.R.T.(R410A)
- [Fluid Temperature] -22 to 158°F
- [Actuator] Stepper motor



Type **LKV-S**

- [Rated Voltage] 12V.DC
- [Max. Working Pressure] 623 psi
- [Capacity] 1.8 to 11.1 U.S.R.T.(R410A)
- [Fluid Temperature] -22 to 158°F
- [Actuator] Stepper motor



4 | SMALL PRESSURE CONTROLS

Type **ACB/LCB**

- [Range] 15 to 653 psi(setting)
- ACB: 101 to 653 psi ,LCB: 15 to 101 psi
- [Contact Functions] SPST · SPDT
- [Contact Capacity] 250V.AC 1 to 4A
- [Connections] 1/4" Flare, Solder



High durability types (500K times) are also available

5 | PRESSURE SENSORS

Type **NSK**

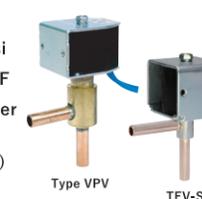
- [Pressure Range] -14.5 to 150,-14.5 to 200
- 0 to 500, 10 to 700 psi, etc
- [Output] 0.5 to 4.5V.DC / 4 to 20mA
- [Supply Voltage] 5V.DC / 7 to 35V.DC
- [Connections] 1/4" Flare, Solder
- 1/8" NPT



6 | SMALL SOLENOID VALVES

Type **VPV/TEV-S**

- [Max. Working Pressure] 623 psi
- [Fluid Temperature] -22 to 248°F
- [Connections] 1/4" to 1/2" Solder
- [Cv Value] 0.06 to 3.0 (VPV)
- 0.037 to 0.09 (TEV-S)



Low power consumption

7 | CHECK VALVES

Type **BCV/UCV**

- [Max. Working Pressure] 609 psi
- [Fluid Temperature] -22 to 248°F
- [Connections] 1/4" to 1" Solder (BCV)
- 1/2" to 7/8" Solder (UCV)
- [Cv Value] 0.33 to 8 (BCV)
- 4.5 (UCV 1/2"), 4.5,7 (UCV 5/8")
- 9 (UCV 3/4",7/8")



8 | PRESSURE REGULATING VALVES

Type **LPR**

- For Liquid Seal Protection
- [Max. Working Pressure] 623 psi
- [Range] 479 to 580 psi

