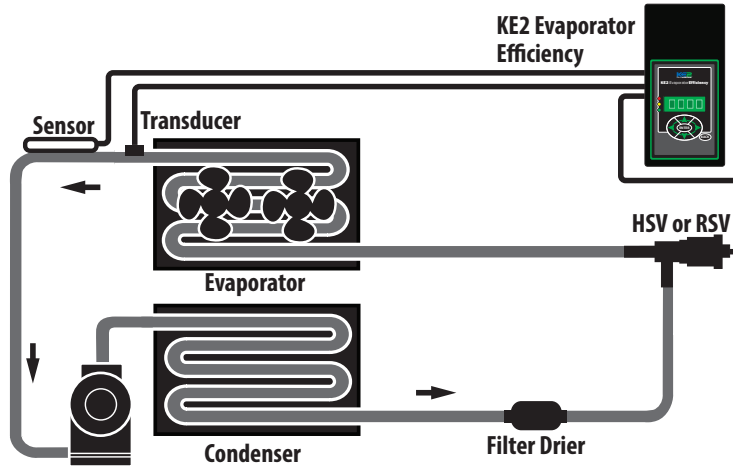




How to: Install the HSV or RSV Stepper Valves

Electronic Expansion Valve

Application



HSV

Specifications HSV



Refrigerants:

R-22, R-134a, R-404A, R-407A, R-407C, R-407F, R-410A, R-507



Oils:

mineral, POE, alkylbenzene



MRP: 700 psi (48 bar)



MAX: 140° F (60°C)

MIN: -22°F (-30°C)

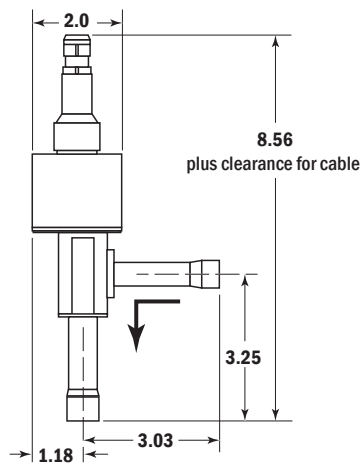


12 Volt; Two-phase; Bipolar

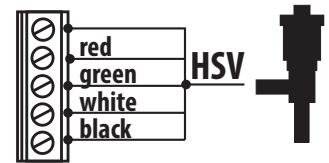
Max. steps: 1,300

Steps per second: 200

Dimensions HSV - Inches



Wiring HSV to KE2 Evap



RSV

Specifications RSV



Refrigerants:

R-22, R-134a, R-404A, R-407A, R-407C, R-407F, R-410A, R-507, R-422A, R-422D, R-438A, R-408A, R-409A



Oils:

mineral, POE, alkylbenzene



MRP: 600 psi (41 bar)



MAX: 140° F (60°C)

MIN: -22°F (-30°C)

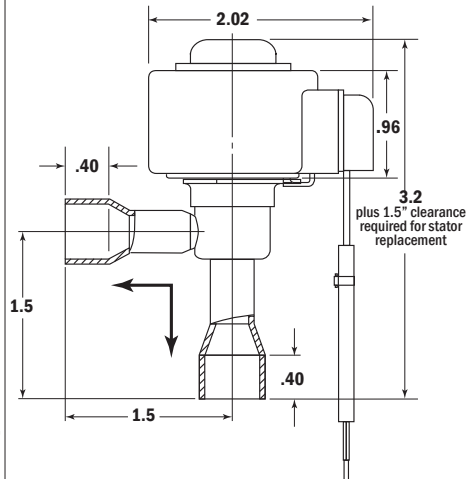


12 Volt; Two-phase; Unipolar

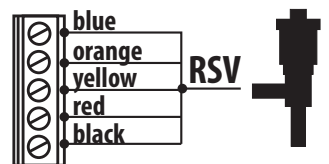
Max. steps: 500

Steps per second: 30 to 90

Dimensions RSV - Inches



Wiring RSV to KE2 Evap

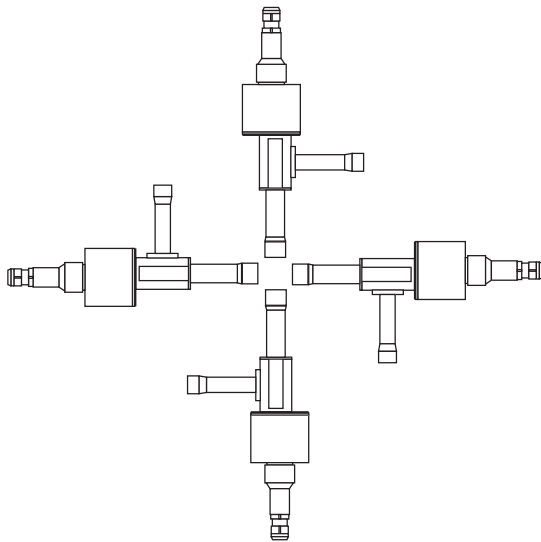




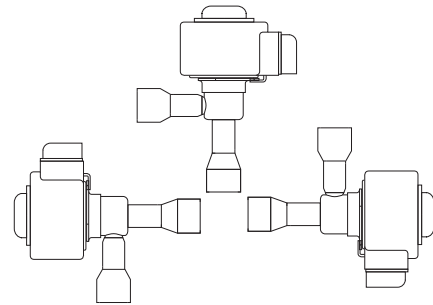
How to: Install the HSV or RSV Hybrid Stepper Valve Electronic Expansion Valve

Mounting Direction

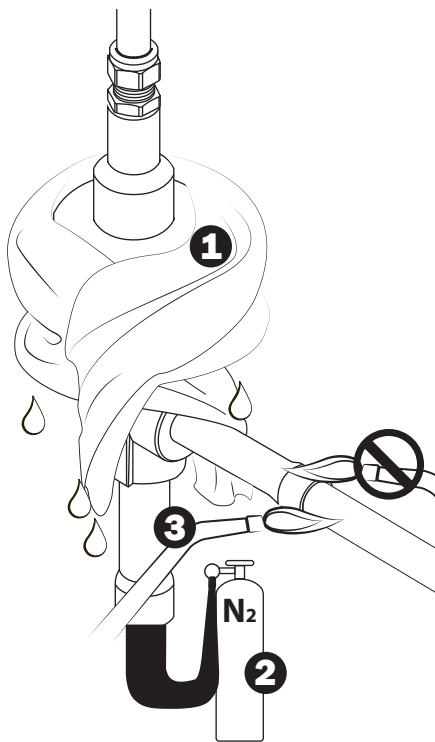
HSV



RSV



Brazing



- 1** Wrap in a wet cloth.
- 2** Use inert gas to purge the line.
- 3** Direct flame away from HSV
- 4** Install a filter drier in the liquid line, ahead of the RSV*.

**Installing a filter drier helps to prevent system contaminants from disrupting valve performance, and impeding the refrigerant flow. This general installation recommendation is widely accepted in the industry as best practice when installing electric or mechanical expansion valves.*