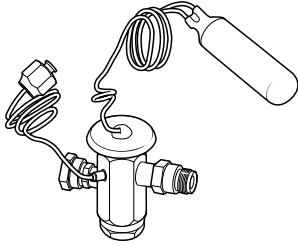




# Thermal Expansion Valves



## Expansion Valve TXV Cooling/Heat Pump Kit

### General Information

This Thermostatic Expansion Valve Kit may be used on any indoor air handler or coil that is equipped with a current thermostatic expansion valve with an internal check valve and mechanical fittings. This kit can be used on split system heat pumps and air conditioning systems.

Thermostatic Expansion Valve Kits can be field installed to fit a variety of sizes and combinations of air handlers or coils and outdoor units to optimize performance.

This TXV kit will normally be used when a different refrigerant is going to be used in the air handler or coil than what is indicated on the unit name plate. The TXV type must always match the refrigerant type used in the outdoor unit.

### Kit Identification

The first character in the kit model number indicates the type of refrigerant that the valve can be used with. Example a 2AYTXVH3D1830A is an R-22 valve.

The "3" in the eighth digit in the model number identifies the valve as a non-bleed TXV. When this TXV kit is installed with an outdoor unit that contains a reciprocating compressor, the outdoor unit must be equipped with a hard start kit if not factory installed. If the outdoor unit contains a scroll compressor, the installation of a hard start kit may be required.

### Inspection

Check carefully for any shipping damage. Any such damage must be reported and claims made against the transportation company immediately. Any missing parts should be reported to your supplier at once and replaced with authorized parts only.

**Table AC/IN-4-A Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow**

R-410 Model Number	R-22 Model Numbers	Used With 13 SEER Coils
4AYTXVH3D1831A	2AYTXVH3C1818A	2/4TXC,CXC,CXA -018
4AYTXVH3D1831A	2AYTXVH3C2425A	2/4TXC,CXC,CXA -024
4AYTXVH3D1831A	2AYTXVH3C2425A	2/4TXC,CXC,CXA -025
4AYTXVH3D1831A	2AYTXVH3C3031A	2/4TXC,CXC,CXA -030
4AYTXVH3D1831A	2AYTXVH3C3031A	2/4TXC,CXC,CXA -031
4AYTXVH3D3343A	2AYTXVH3C3337A	2/4TXC,CXC,CXA -036
4AYTXVH3D3343A	2AYTXVH3C3337A	2/4TXC,CXC,CXA -037
4AYTXVH3D3343A	2AYTXVH3C4243A	2/4TXC,CXC,CXA -042
4AYTXVH3D3343A	2AYTXVH3C4243A	2/4TXC,CXC,CXA -043
4AYTXVH3D4863A	2AYTXVH3C4850A	2/4TXC,CXC,CXA -048
4AYTXVH3D4863A	2AYTXVH3C4850A	2/4TXC,CXC,CXA -049
4AYTXVH3D4863A	2AYTXVH3C4850A	2/4TXC,CXC,CXA -050
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXC,CXC,CXA -060
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXC,CXC,CXA -061

**Table AC/IN-4-B Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow**

R-410 Model Number	R-22 Model Number	Used With Horizontal Flat Coils
4AYTXVH3D1831A	2AYTXVH3C1818A	2/4TXF -018
4AYTXVH3D3343A	2AYTXVH3C3337A	2/4TXF -033
4AYTXVH3D3343A	2AYTXVH3C4243A	2/4TXF -041
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXF -054
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXF -063

**Table AC/IN-4-C Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow**

R-410 Model Number	R-22 Model Number	Used With High Efficiency Aluminum Coils
4AYTXVH3B2531A	2AYTXVH3B2531A	2/4TXC -025
4AYTXVH3B2531A	2AYTXVH3B2531A	2/4TXC -031
4AYTXVH3B3654A	2AYTXVH3B3637A	2/4TXC -036
4AYTXVH3B3654A	2AYTXVH3B3637A	2/4TXC -037
4AYTXVH3B3654A	2AYTXVH3B5454A	2/4TXC -054
4AYTXVH3B6165A	2AYTXVH3B6161A	2/4TXC -061
4AYTXVH3B6165A	2AYTXVH3B6565A	2/4TXC -065

**Table AC/IN-4-D Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow**

R-410 Model Number	R-22 Model Numbers	Used With Air Handlers
4AYTXVH3D1831A	2AYTXVH3D1830A	2TFB -018-030
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TFE -025
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TEC -018-030
—	2AYTXVH3D3636A	2/4TEC -036
4AYTXVH3D3642A	—	2/4TEC -036-042
—	2AYTXVH3D4260A	2/4TEC -042-060
4AYTXVH3D4863A	—	2/4TEC -048-060
4AYTXVH3D1831A	2AYTXVH3D1830A	2TEH -018-030
—	2AYTXVH3D3636A	2TEH -036
4AYTXVH3D3642A	—	2TEH -036-042
—	2AYTXVH3D4260A	2TEH -042-060
4AYTXVH3D4863A	—	2TEH -048-060
4AYTXVH3D1831A	2AYTXVH3D1830A	2TGB -018-036
4AYTXVH3D3642A	—	2TGB -042
—	2AYTXVH3D4260A	2TGB -042-048
4AYTXVH3D4863A	—	2TGB -048