### Replaceable Core Filter-Drier

**Cross-reference**

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<tr>
<th>Connections</th>
<th>Sanhua</th>
<th>Danfoss</th>
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<th>Mueller</th>
<th>Sporlan*</th>
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<td><strong>Steel Conn</strong></td>
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*The Sanhua core is a general-purpose core and can be used for all applications. The competitor models with the "HH" indicate a charcoal material is blended in the molded core. The charcoal material was designed into cores many years ago to remove wax contamination, common in systems with R-12 and R-502. Wax is no longer a common contaminant found in systems. The addition of charcoal consumes core area therefore reducing the amount of molecular sieve and activated alumina, which are more important for the reduction of contaminants found in systems today.

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### Replaceable Cores

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As the largest producer of Service Valves, Reversing Valves, Electronic Expansion Valves and Microchannel (HVACR) in the world, Sanhua has earned the trust of major HVACR brands globally. Quality is the foundation for every product manufactured resulting in world class parts per million numbers. When you want the best, you want Sanhua.
Sealed Model Filter-Drier | cross-reference

<table>
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<tr>
<th>Connection (in.)</th>
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<th>Danfoss</th>
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Continued on next page
### Sealed Model Filter-Drier | Continued

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### Reversing Valve | Ranco to Sanhua Cross-Reference

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<th>Dimensions (in)</th>
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*Ranco and Sanhua are brands owned and produced by Sanhua*
Reversing Valve | Ranco to Sanhua Cross-Reference

<table>
<thead>
<tr>
<th>Brand and Model</th>
<th>Sketch (1 or 2)</th>
<th>Dimensions (in)</th>
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<tbody>
<tr>
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* Ranco and Sanhua are brands owned and produced by Sanhua
# Reversing Valve Cross-reference

<table>
<thead>
<tr>
<th>Connections ODF (in.)</th>
<th>Sanhua</th>
<th>Sanhua OEM</th>
<th>Sanhua/Ranco</th>
<th>Danfoss Saginomiya</th>
<th>DunAn</th>
<th>Wilspec</th>
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<td><strong>SHF-7H-34-xx</strong></td>
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Note: "xx" indicates a 1 or 2 digit code may follow the model number.

Continued on next page
## Reversing Valve | Continued

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<th>Sanhua OEM</th>
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<th>Danfoss Saginomiya</th>
<th>DunAn</th>
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<td><strong>Danfoss Saginomiya</strong></td>
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<td>LDK-41xxxx-xxx</td>
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Note: “xx” indicates a 1 or 2 digit code may follow the model number.
TXV Kits | R - 4 1 0 A a n d R - 2 2 A C / H P

Universal AC/HP TXV Kit
for R-410A and R-22 Air Conditioning and Heat Pump

- Three outlet connection options:
  ✓ 1/2” ODF Sweat
  ✓ Aeroquip adaptor
  ✓ Chatleff adaptor
- Balanced port design ideal to handle a capacity range
- External superheat adjustment
- Fewer SKUs for more applications

The Sanhua Universal AC/HP TXV Kit is designed with world-class engineering and manufacturing technology combined with premium materials for superior performance.

**TECHNICAL DATA**

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<th>Part Number</th>
<th>Capacity Range</th>
<th>Refrigerant</th>
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<td>1.00 to 2 Tons</td>
<td>R-22</td>
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<tr>
<td>TXVFE-3-22-Kit</td>
<td>2.25 to 3 Tons</td>
<td>R-22</td>
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<td>3.25 to 4 Tons</td>
<td>R-22</td>
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<td>TXVFE-6-22-Kit</td>
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<td>4.25 to 5 Tons</td>
<td>R-410A</td>
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*Note: Connections: 3/8” ODF In
1/2” ODF Out, plus Aeroquip and Chatleff adaptors
Equalizer 1/8” OD x 24” with 1/4” SAE flare nut*
**TXVH Valve**

**Step 1:** Select orifice size based on nominal capacity

**Step 2:** Select body to match refrigerant and connection style desired

**Step 3:** SOLDER ADAPTERS

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<th>Solder Connection</th>
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Note: 1. Copper tube and flare nut are included

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### STEP 1: ORIFICE SELECTION CRITERIA

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### STEP 2: SELECT BODY TO MATCH REFRIGERANT AND CONNECTION

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<th>R-407A</th>
<th>R-407C</th>
<th>R-407F</th>
<th>R-404A</th>
<th>R-507</th>
<th>R-134a</th>
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### STEP 3

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### TXV - Removable Inlet Strainer | continued

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### TXV - Removable Inlet Strainer | continued

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**Ref.** Inlet (in.) Outlet (in.) Ext. Eq. (in.)

- - -

**Sanhua**

- TXVH-01
- TXVH-02
- TXVH-03
- TXVH-04

**Components**

- TXVH Sweat Body (2 combinations)
- Cartridge with Removable Strainer (3 orifice sizes)
- Inlet Sweat Adaptor (1 size)

**Sporlan**

- EG
- SBF
- SR

- SRJ-1/4-C SRJ-1/4-Z
- SBFF-AA-C SBFJ-AA-C
- SBFF-AA-Z SBFJ-AA-Z
- SBFFE-AA-C SBFJE-AA-C
- SRJE-1-C SRJE-1-Z

**Valve Body**

- Sanhua Sporlan Valve Body Cartridge Inlet Adaptor Components EG SBF SR

**Cartridge**

- EGFE-1-C EGJE-1-C

**Inlet Adaptor**

- EGFE-1-Z EGJE-1-Z
## TXV - ODF Sweat Connections

### Sanhua Sporlan Cross-reference

| Ref. | Inlet (in.) | Outlet (in.) | Ext. Eq. (in.) | Valves Body | Cartridge | Inlet Adaptor | Components | Sporlan
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## TXV - ODF Sweat Connections | Cross-reference

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**Sanhua**

- TXVH-134a-4S
- TXVH-00
- TXVH-01
- TXVH-02
- TXVH-04

**Sporlan**

- EFF-1/4-C
- EFF-1/2-C
- EFFE-1-C
- EBFF-A-C
- EBFFE-A-C
- ERJE-1-C
# TXV - SAE Flare Connections

## Cross-reference

### Cartridge (5 orifice sizes)

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<td>FS-1/4-C</td>
<td>BFS-AA-C</td>
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### TXV SAE Flare Body (6 combinations)

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## TXV - SAE Flare Connections

### Cross-reference

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**Sporlan Valve Body Cartridge Components**

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- Sporlan BF
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**Solenoid Valves with Manual Lift Stem**

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### PS - Pressure Controls | Cross-reference

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### PS - Fan Cycle Controllers

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