

## 4 Way reversing Valves

- Applicable refrigerants: A1/A2L and A3 on request, R410A, R32, R454B, R22, R407C, R404A, R507, R134a
- Safe working pressure 650 psi / 44.8bar
- Ambient working temperature -22°F to 130°F / -30°C to 55°C
- Helium and Hydrogen leak tested
- Coils available in multiple voltages, spade terminal and lead wire
- Certification: UL listed, and CE marked

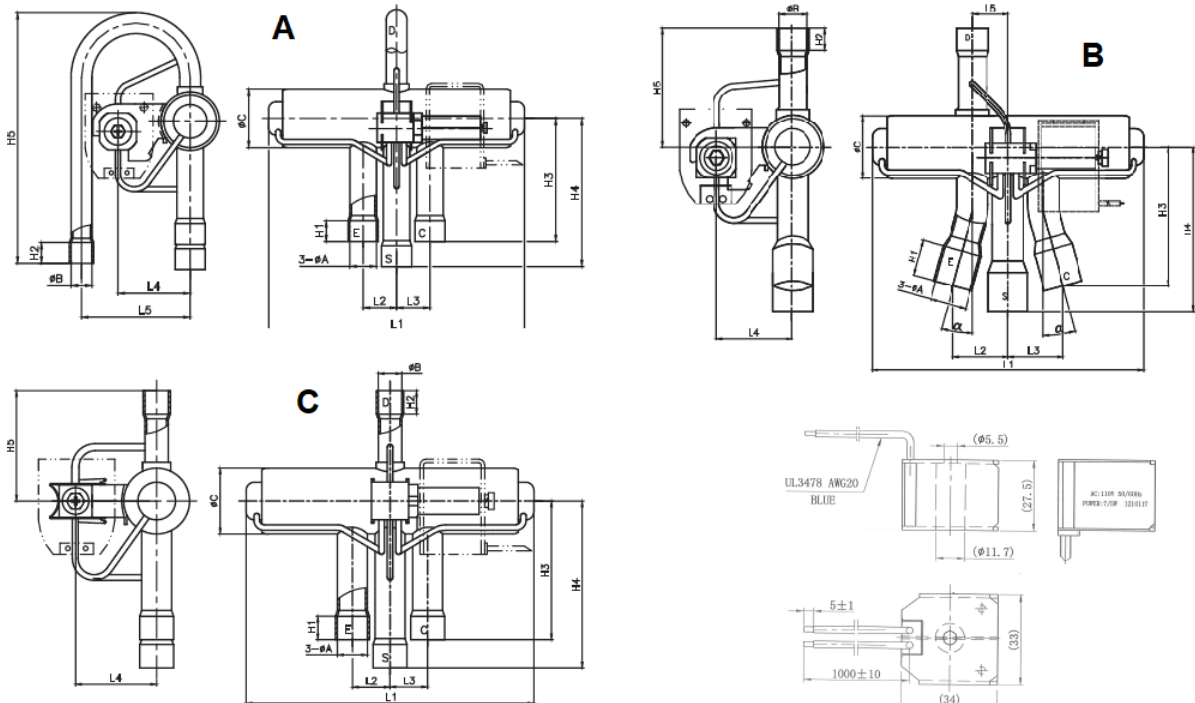
### Codes covered

| Brand     | Part no:   | Description                            |
|-----------|------------|--|
| C&D Valve | RV-02T5638 | Reversing Valve 2 Ton 5/16" & 3/8"     |
| C&D Valve | RV-02T1238 | Reversing Valve 2 Ton 1/2" & 3/8"      |
| C&D Valve | RV-02T3858 | Reversing Valve 2 Ton 3/8" & 5/8"      |
| C&D Valve | RV-03T5818 | Reversing Valve 3 Ton 5/8" & 1/2"      |
| C&D Valve | RV-06T3412 | Reversing Valve 6 Ton 3/4" & 1/2"      |
| C&D Valve | RV-06T7812 | Reversing Valve 6 Ton 7/8" & 1/2"      |
| C&D Valve | RV-07T5878 | Reversing Valve 7 Ton 5/8" & 7/8"      |
| C&D Valve | RV-10T7834 | Reversing Valve 10 Ton 7/8" & 3/4"     |
| C&D Valve | RV-10T1834 | Reversing Valve 10 Ton 1 1/8" & 3/4"   |
| C&D Valve | RV-10T1878 | Reversing Valve 10 Ton 1 1/8" & 7/8"   |
| C&D Valve | RV-12T1838 | Reversing Valve 12 Ton 1 1/8" X 1 3/8" |

| Brand     | Part no: | Description                  |
|-----------|----------|------------------------------|
| C&D Valve | LW-110V  | Coil 110VAC Lead Wire        |
| C&D Valve | RVC-110V | Coil 110VAC Spade Connection |
| C&D Valve | LW-24V   | Coil 24VAC Lead Wire         |
| C&D Valve | RVC-24V  | Coil 24VAC Spade Connection  |

## Technical Specification

| C&D        | Style | Connection D | Connection E/S/C |
|------------|-------|--------------|------------------|
| RV-02T5638 | A     | 1/3"         | 3/8"             |
| RV-02T1238 | A     | 3/8          | 1-Feb            |
| RV-02T3858 | A     | 3/8          | 5/8              |
| RV-03T5818 | B     | 1/2          | 5/8              |
| RV-06T3412 | C     | 1/2          | 3/4              |
| RV-06T7812 | C     | 1/2          | 7/8              |
| RV-07T5878 | C     | 5/8          | 7/8              |
| RV-10T7834 | C     | 3/4          | 7/8              |
| RV-10T1834 | C     | 3/4          | 1 1/8            |
| RV-10T1878 | C     | 7/8          | 1 1/8            |
| RV-12T1838 | C     | 1 1/8        | 1 3/8            |



| C&D        | Nominal | Capacity | Capacity | Capacity |
|------------|---------|----------|----------|----------|
|            | Tons    | R410A kW | R32 kW   | R407C kW |
| RV-02T5638 | 1.3     | 4.5      | 5.8      | 3.8      |
| RV-02T1238 | 2       | 8.5      | 10.9     | 7        |
| RV-02T3858 | 2.5     | 9.6      | 12.3     | 8        |
| RV-03T5818 | 3.1     | 12.2     | 15.6     | 10.1     |
| RV-06T3412 | 5.6     | 21.2     | 27.1     | 17.6     |
| RV-06T7812 | 5.6     | 21.2     | 27.1     | 17.6     |
| RV-07T5878 | 5.6     | 21.2     | 27.1     | 17.6     |
| RV-10T7834 | 10      | 37.3     | 47.7     | 30.9     |
| RV-10T1834 | 10      | 37.3     | 47.7     | 30.9     |
| RV-10T1878 | 10      | 37.3     | 47.7     | 30.9     |
| RV-12T1838 | 12      | 49.8     | 63.7     | 41.2     |

Nominal capacity  $\Delta P$ : 0.1bar flow from  $\Phi$  C to  $\Phi$  S and  $\Phi$  E to  $\Phi$  S

## Cross Reference

| C&D        | Sky         | Diversitech      | Sanhua       | Ranco          | Danfoss/Sagi |
|------------|-------------|------------------|--------------|----------------|--------------|
| RV-02T5638 | 708-0506-U  |                  | SHF-4H-23U-P |                | STF-0101G    |
| RV-02T1238 | 708-0608-U  | DVR2-408060-270  | SHF-7H-34U-P | V2-408060-270  | STF-0202G    |
| RV-02T3858 | 708-0610-U  |                  | SHF-9H-35U-P |                |              |
| RV-03T5818 | 708-0810-20 | DRV3-410080-770  | SHF-11H-45D1 | V3-410080-770  | STF-0310G    |
| RV-06T3412 | 708-0812-20 | DVR6-412080-170  | SHF-20A-46   | V6-412080-170  | STF-0306G    |
| RV-06T7812 | 708-0814-20 | DVR6-414080-170  | SHF-20A-47   | V6-414080-170  | STF-0409G    |
| RV-07T5878 | 708-1014-20 |                  | SHF-20D-57   |                |              |
| RV-10T7834 | 708-1214-35 | DVR10-414120-170 | SHF-35A-67   | V10-414120-170 | STF-0712G    |
| RV-10T1834 | 708-1218-30 |                  |              |                |              |
| RV-10T1878 | 708-1418-30 | DVR10-418140-170 | SHF-35A-79   | V10-418140-170 | STF-0720G    |
| RV-12T1838 | 708-1822-50 |                  | SHF-50-911D2 |                | STF-2017G    |

## Installation notes

- Reversing valves should be installed using industry best practice procedures.
- A wet rag should be used around the valve body and connection tubes during installation to avoid damage to the internals.
- Silos 15% is recommended for all connections.
- Reversing valves should be installed into pipework in a way that no mechanical stress is placed on the valve tubes.
- The valve tubes should not be bent or altered.
- Electrical connections to coils should be made by qualified personnel and in compliance with local codes and standards.

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