SANHUA

WHOLESALE
Product Catalog

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SANHUA

STRONG GLOBAL PRESENCE WITH A PERSONAL APPROACH

Quality is at the foundation of every product Sanhua designs and manufactures. As the largest producer of Service Valves, Reversing Valves, Electronic Expansion Valves and Micro-channel (HVACR) in the world, Sanhua is recognized by leaders in the HVACR and automotive industries for providing products at world-class quality levels.

Sanhua was established in China in 1984 and the USA subsidiary was founded in 2002. In 2007, Sanhua acquired all production and engineering rights for all Ranco reversing valves. Sanhua continues to produce the reversing valves under the Ranco brand name as well as the Sanhua brand and improved design. Micro-channel heat exchanger production was localized in North America in 2011 with the acquisition of a factory in Puckett, MS, along with a new Saltillo, MX start-up operation in 2015. In 2018, Sanhua completed construction of a full-scale R&D and engineering center in Houston, TX. Sanhua is dedicated to designing and producing innovative products aligned with the wants and needs of its customers. Sanhua proudly employs over 1,000 people in North America.

With 22 international sales offices and 14 manufacturing locations, Sanhua delivers environmentally friendly and energy efficient solutions to the HVACR industry.

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SANHUA

Filter-Drier Shells with Replaceable Core

Effective and Efficient: Filters solid particles, absorbs moisture and removes acid

Filter-drier shells with replaceable cores are designed for big system protection. The large capacity models are ideal for new system startups to remove moisture and solid particle contamination from field piping. The replaceable core design also simplifies continued system protection and preventive maintenance initiatives.

FILTER-DRIER SHELL, LIQUID CAPACITY

Aftermarket Model	Liquid Capacity (tons) [1]							Conn. Solder (inch)
	R-404A/ R-507	R-448A/ R-449A	R-407A	R-134a	R-450a	R-22	R-410A	
FDSH-48-5-S	13.2	17.2	17.1	17.9	16.6	19.2	19.0	5/8 ODF
FDSH-48-7-S	21.2	27.6	27.5	28.8	26.7	30.8	30.5	7/8 ODF
FDSH-48-9-S	30.2	39.4	39.3	41.1	38.1	44.0	43.5	1-1/8 ODF
FDSH-48-11-S	40.8	53.2	53.0	55.5	51.4	59.5	58.8	1-3/8 ODF
FDSH-96-7-S	21.2	27.6	27.5	28.8	26.7	30.8	30.5	7/8 ODF
FDSH-96-9-S	30.2	39.4	39.3	41.1	38.1	44.0	43.5	1-1/8 ODF
FDSH-96-11-S	40.8	53.2	53.0	55.5	51.4	59.5	58.8	1-3/8 ODF
FDSH-96-13-S	50.1	65.3	65.1	68.2	63.1	73.0	72.2	1-5/8 ODF
FDSH-144-9-S	30.2	39.4	39.3	41.1	38.1	44.0	43.5	1-1/8 ODF
FDSH-144-11-S	40.8	53.2	53.0	55.5	51.4	59.5	58.8	1-3/8 ODF
FDSH-192-11-S	40.8	53.2	53.0	55.5	51.4	59.5	58.8	1-3/8 ODF
FDSH-192-13-S	50.1	65.3	65.1	68.2	63.1	73.0	72.2	1-5/8 ODF
FDSH-192-17-S	71.3	92.9	92.6	97.0	89.8	104	103	2-1/8 ODF

FDSH 48 5 S

- S = Sweat Connections
- Connection Size in eighths of an inch
- Internal Volume in cubic inches
- Type: Filter-Drier Shell

FD CORES AND ELEMENT

Aftermarket Model	Description	Filter Media
FD Core 48AP	Standard Multi-purpose	80% Molecular Sieve 20% Activated Alumina
FD Core 48Hi	High Moisture	100% Molecular Sieve
FD Filter 48	Filter Element	pure Wood Pulp Filter Paper

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

LARGE TEMP SERVICE RANGE -40°F to +248°F

FILTRATION 20 pm

OPD MAX 580 psig

PS 650 psig

FILTER-DRIER SHELL, SUCTION CAPACITY

Suction Capacity (tons)[2]													Conn. Solder (inch)
Refrigerant	**R-404A**		**R-448A**		**R-407A**		**R-134a**	**R-450A**	**R-22**			**R-410A**	
Evap. Temp.	**20°F**	**-20°F**	**20°F**	**-20°F**	**20°F**	**-20°F**	**20°F**	**20°F**	**40°F**	**20°F**	**-20°F**	**40°F**	
Press. Drop (psi)	**2.0**	**1.0**	**2.0**	**1.0**	**2.0**	**1.0**	**1.5**	**1.5**	**3.0**	**2.0**	**1.0**	**3.0**	
FDSH-48-5-S	2.18	0.93	2.35	1.01	2.30	0.98	1.69	1.52	3.87	2.47	1.11	4.81	5/8 ODF
FDSH-48-7-S	3.49	1.50	3.77	1.62	3.68	1.57	2.71	2.44	6.21	3.96	1.79	7.72	7/8 ODF
FDSH-48-9-S	5.74	2.47	6.20	2.68	6.06	2.59	4.46	4.01	10.2	6.51	2.95	12.68	1-1/8 ODF
FDSH-48-11-S	7.90	3.39	8.53	3.67	8.34	3.56	6.14	5.53	14.0	8.96	4.04	17.40	1-3/8 ODF
FDSH-96-7-S	3.72	1.60	4.02	1.73	3.93	1.68	2.89	2.60	6.61	4.22	1.91	8.22	7/8 ODF
FDSH-96-9-S	6.10	2.62	6.59	2.84	6.44	2.75	4.74	4.27	10.8	6.92	3.13	13.42	1-1/8 ODF
FDSH-96-11-S	8.41	3.61	9.08	3.91	8.87	3.79	6.53	5.88	14.9	9.54	4.31	18.52	1-3/8 ODF
FDSH-96-13-S	10.3	4.43	11.12	4.80	10.87	4.65	8.00	7.20	18.3	11.69	5.28	22.75	1-5/8 ODF
FDSH-144-9-S	6.31	2.71	6.81	2.93	6.66	2.84	4.90	4.41	11.2	7.16	3.23	13.92	1-1/8 ODF
FDSH-144-11-S	8.72	3.75	9.42	4.06	9.20	3.93	6.77	6.09	15.5	9.89	4.47	19.27	1-3/8 ODF
FDSH-192-11-S	9.23	3.97	9.97	4.30	9.74	4.16	7.17	6.45	16.4	10.47	4.74	20.38	1-3/8 ODF
FDSH-192-13-S	11.3	4.89	12.20	5.30	11.92	5.13	8.85	7.97	20.2	12.82	5.83	25.11	1-5/8 ODF
FDSH-192-17-S	13.8	5.93	14.90	6.42	14.56	6.22	10.7	9.63	24.5	15.66	7.07	30.45	2-1/8 ODF

Note: 1. Rated in accordance with AHRI Standard 710 (I-P): 5°F Evaporator Temperature, 86°F Liquid Temperature, 1psi Pressure Drop.
2. Rated in accordance with ANSI/AHRI Standard 730 (I-P): 90°F Liquid Temperature, 25°F Superheated Vapor

Sealed Model Filter-Drier

GO WITH THE FLOW

Sanhua Filter-Drier molded cores are engineered with a blend of desiccants to protect systems against moisture and acid. The core is secured in place with fiberglass pads on both ends and a 100 mesh metal support screen at the outlet. The pads and core together provide a large available filtering area to remove solid particle contamination to an extremely low level of 20 microns. Sanhua Filter-Driers are compatible with all common HCFC and HFC refrigerants and are UL Listed to a maximum operating pressure of 700 psig.

Sealed Model FD Nomenclature

FD 16 3 S

- S = Sweat Connections (Omit for SAE Flare Connections)
- Connection Size in eighths of an inch
- Desiccant volume in cubic inches
- Type: Filter-Drier

80% Molecular Sieve
20% Activated Alumina

500 Hour Salt Spray Corrosion Resistance

Sealed Model Filter-Drier | Molded Core

SOLDER CONNECTION

Aftermarket Model	Liquid Capacity (tons) [1]							Conn. Solder (inch)
	R-404A/ R-507	R-448A/ R-449A	R-407A	R-134a	R-450a	R-22	R-410A	
FD-032-S	1.1	1.4	1.4	1.5	1.4	1.6	1.6	1/4 ODF
FD-033-S	2.4	3.1	3.1	3.3	3.0	3.5	3.5	3/8 ODF
FD-052-S	1.3	1.7	1.7	1.8	1.6	1.9	1.9	1/4 ODF
FD-053-S	3.5	4.6	4.5	4.8	4.4	5.1	5.0	3/8 ODF
FD-082-S	1.3	1.7	1.7	1.8	1.6	1.9	1.9	1/4 ODF
FD-083-S	3.8	4.9	4.9	5.2	4.8	5.5	5.5	3/8 ODF
FD-084-S	5.5	7.2	7.1	7.5	6.9	8.0	7.9	1/2 ODF
FD-163-S	3.9	5.1	5.1	5.3	4.9	5.7	5.6	3/8 ODF
FD-164-S	5.7	7.4	7.4	7.8	7.2	8.3	8.2	1/2 ODF
FD-165-S	7.9	10.3	10.3	10.7	10.0	11.5	11.4	5/8 ODF
FD-166-S	8.4	10.9	10.9	11.4	10.6	12.2	12.1	3/4 ODF
FD-167-S	8.6	11.2	11.2	11.7	10.8	12.5	12.4	7/8 ODF
FD-303-S	3.9	5.1	5.1	5.3	4.9	5.7	5.6	3/8 ODF
FD-304-S	5.8	7.6	7.5	7.9	7.3	8.4	8.4	1/2 ODF
FD-305-S	8.3	10.8	10.8	11.3	10.5	12.1	12.0	5/8 ODF
FD-306-S	11.4	14.8	14.8	15.5	14.4	16.6	16.4	3/4 ODF
FD-307-S	11.5	15.0	14.9	15.6	14.5	16.7	16.6	7/8 ODF
FD-309-S	13.5	17.6	17.5	18.4	17.0	19.7	19.4	1-1/8 ODF
FD-414-S	6.4	8.3	8.3	8.7	8.1	9.3	9.2	1/2 ODF
FD-415-S	10.9	14.2	14.2	14.8	13.7	15.9	15.7	5/8 ODF
FD-417-S	14.2	18.5	18.4	19.3	17.9	20.7	20.5	7/8 ODF
FD-419-S	15.3	19.9	19.9	20.8	19.3	22.3	22.0	1-1/8 ODF
FD-757-S	15.8	20.6	20.5	21.5	19.9	23.0	22.8	7/8 ODF
FD-759-S	16.6	21.6	21.6	22.6	20.9	24.2	23.9	1-1/8 ODF

SAE FLARE CONNECTION

Aftermarket Model	Liquid Capacity (tons) [1]							Conn. Flare (inch)
	R-404A/ R-507	R-448A/ R-449A	R-407A	R-134a	R-450a	R-22	R-410A	
FD-032	1.1	1.4	1.4	1.5	1.4	1.6	1.6	1/4 SAE
FD-052	1.3	1.7	1.7	1.8	1.6	1.9	1.9	1/4 SAE
FD-053	3.3	4.3	4.3	4.5	4.2	4.8	4.8	3/8 SAE
FD-082	1.3	1.7	1.7	1.8	1.6	1.9	1.9	1/4 SAE
FD-083	3.6	4.7	4.7	4.9	4.5	5.2	5.2	3/8 SAE
FD-162	1.3	1.7	1.7	1.8	1.6	1.9	1.9	1/4 SAE
FD-163	3.7	4.8	4.8	5.0	4.7	5.4	5.3	3/8 SAE
FD-164	5.5	7.2	7.1	7.5	6.9	8.0	7.9	1/2 SAE
FD-165	7.7	10.0	10.0	10.5	9.7	11.2	11.1	5/8 SAE
FD-303	3.7	4.8	4.8	5.0	4.7	5.4	5.3	3/8 SAE
FD-304	5.6	7.3	7.3	7.6	7.1	8.2	8.1	1/2 SAE
FD-305	8.1	10.5	10.5	11.0	10.2	11.8	11.7	5/8 SAE
FD-414	6.2	8.1	8.1	8.4	7.8	9.0	8.9	1/2 SAE
FD-415	10.5	13.7	13.6	14.3	13.2	15.3	15.1	5/8 SAE

REFRIGERANT	LARGE TEMP SERVICE RANGE	OPD MAX	PS
R-22, R-134a, R-290, R-404A, R-407C, R-410A, R-507	-22°F to +275°F	580 psig	650 psig

Note:
1. Rated in accordance with AHRI Standard 710 (I-P): 5°F Evaporator temperature, 86°F Liquid temperature, 1 psi Pressure Drop

Stops Contaminants, Moisture & Acid

- System protector for optimum performance & efficiency
- Effective & Efficient: Filters solid particles, adsorbs moisture and removes acid
- Corrosion resistant
- UL Listed

Bi-Flow Filter-Drier | Solid Filter Core

SOLDER CONNECTION

Aftermarket Model	Capacity (tons) [1]					Connection Solder (inch)
	R-134a	R-404A/R-507	R-22	R-407C	R-410A	
FDBI-083-S	4.2	3.1	4.5	4.5	4.5	3/8 ODF
FDBI-084-S	6.4	4.7	6.8	6.8	6.8	1/2 ODF
FDBI-163-S	4.8	3.5	5.1	5.1	5.0	3/8 ODF
FDBI-164-S	7.5	5.5	8.0	8.0	7.9	1/2 ODF
FDBI-165-S	8.4	6.2	9.0	9.0	8.9	5/8 ODF
FDBI-303-S	6.1	4.5	6.6	6.5	6.5	3/8 ODF
FDBI-304-S	7.6	5.6	8.2	8.2	8.1	1/2 ODF
FDBI-305-S	8.8	6.5	9.5	9.4	9.4	5/8 ODF

SAE FLARE CONNECTION

Aftermarket Model	Capacity (tons) [1]					Connection Solder (inch)
	R-134a	R-404A/R-507	R-22	R-407C	R-410A	
FDBI-083	4.1	3.0	4.4	4.4	4.3	3/8 SAE
FDBI-084	6.3	4.6	6.7	6.7	6.6	1/2 SAE
FDBI-163	4.8	3.5	5.1	5.1	5.0	3/8 SAE
FDBI-164	7.5	5.5	8.0	8.0	7.9	1/2 SAE
FDBI-165	8.4	6.2	9.0	9.0	8.9	5/8 SAE
FDBI-304	7.6	5.6	8.2	8.2	8.1	1/2 SAE

Note: 1. Rated in accordance with AHRI Standard 710 (I-P): 5°F Evaporator temperature, 86°F Liquid temperature, 1 psi Pressure Drop

Bi-Flow FD Nomenclature

FDBI 16 3 S

- S = Sweat Connections (Omit for SAE Flare Conn.)
- Connection Size in eighths of an inch
- Desiccant volume in cubic inches
- Type: Filter-Drier Bi-Flow

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

LARGE TEMP SERVICE RANGE
-22°F to +248°F

FILTRATION
20 pm

OPD MAX
580 psig

PS
700 psig

Suction Line Filter-Drier

First Line of Protection

Ideal for New Equipment Installation and System Clean-up

Molded Core with High Moisture and Acid Capacity

System Protector for Optimum Efficiency and Performance

Suction Line FD Nomenclature

FDSL 16 3 S

- S = Sweat Connections (Omit for SAE Flare Conn.)
- Connection Size in eighths of an inch
- Desiccant volume in cubic inches
- Type: Filter-Drier Suction Line

TECHNICAL DATA

Model	Nomial Volume	Connection Size, "ØD"
	in³	ODF (in)
FDSL-083-S	8	3/8
FDSL-084-S		1/2
FDSL-085-S		5/8
FDSL-086-S		3/4
FDSL-087-S		7/8

Model	Nomial Volume	Connection Size, "ØD"
	in³	ODF (in)
FDSL-163-S	16	3/8
FDSL-164-S		1/2
FDSL-165-S		5/8
FDSL-166-S		3/4
FDSL-167-S		7/8

Model	Nomial Volume	Connection Size, "ØD"
	in³	ODF (in)
FDSL-305-S	30	5/8
FDSL-306-S		3/4
FDSL-307-S		7/8
FDSL-309-S		1-1/8

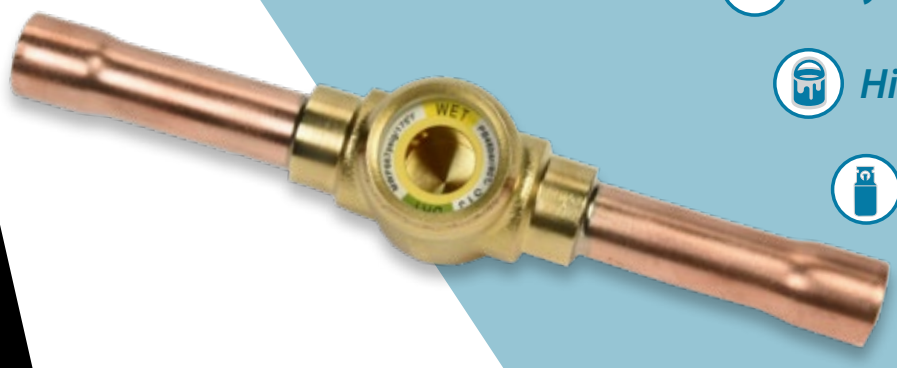
REFRIGERANT CAPACITY TABLES

Suction Capacity (tons)[2]													Conn. Solder (inch)
Refrigerant	R-404A		R-448A		R-407A		R-134a	R-450A	R-22			R-410A	
Evap. Temp.	20°F	-20°F	20°F	-20°F	20°F	-20°F	20°F	20°F	40°F	20°F	-20°F	40°F	
Press. Drop (psi)	2.0	1.0	2.0	1.0	2.0	1.0	1.5	1.5	3.0	2.0	1.0	3.0	
FDSL-083-S	0.80	0.34	0.86	0.37	0.84	0.36	0.62	0.56	1.42	0.91	0.41	1.77	3/8 ODF
FDSL-084-S	1.17	0.50	1.26	0.54	1.23	0.52	0.90	0.81	2.07	1.33	0.60	2.57	1/2 ODf
FDSL-085-S	1.56	0.67	1.68	0.73	1.65	0.70	1.21	1.09	2.78	1.77	0.80	3.46	5/8 ODF
FDSL-086-S	1.68	0.72	1.81	0.78	1.77	0.76	1.30	1.17	2.99	1.91	0.86	3.72	3/4 ODf
FDSL-087-S	1.72	0.74	1.86	0.80	1.81	0.78	1.33	1.20	3.06	1.95	0.88	3.80	7/8 ODF
FDSL-163-S	0.82	0.35	0.89	0.38	0.87	0.37	0.63	0.57	1.45	0.93	0.42	1.81	3/8 ODF
FDSL-164-S	1.20	0.51	1.30	0.55	1.27	0.53	0.93	0.84	2.14	1.36	0.61	2.66	1/2 ODF
FDSL-165-S	1.66	0.71	1.79	0.77	1.75	0.74	1.29	1.16	2.96	1.88	0.85	3.68	5/8 ODF
FDSL-166-S	1.77	0.76	1.91	0.82	1.87	0.80	1.37	1.23	3.14	2.01	0.91	3.90	3/4 ODF
FDSL-167-S	1.82	0.78	1.97	0.84	1.92	0.82	1.41	1.27	3.23	2.06	0.93	4.01	7/8 ODF
FDSL-305-S	1.74	0.75	1.88	0.81	1.84	0.79	1.35	1.22	3.10	1.97	0.89	3.85	5/8 ODF
FDSL-306-S	2.40	1.03	2.59	1.12	2.53	1.08	1.87	1.68	4.27	2.72	1.23	5.31	3/4 ODF
FDSL-307-S	2.41	1.03	2.60	1.12	2.54	1.08	1.87	1.68	4.29	2.73	1.23	5.33	7/8 ODF
FDSL-309-S	2.84	1.22	3.07	1.32	3.00	1.28	2.20	1.98	5.05	3.22	1.46	6.28	1-1/8 ODF

Note: [2]Rated in accordance with ANSI/AHRI Standard 730 (I-P): 90°F Liquid Temperature, 25°F Superheataed Vapor

SANHUA

Detects Liquid and Moisture Level



- Easy to read Wide Angle Sight Glass
- High Precision Color Indicator
- Compatible with all common HCFC and HFC refrigerants
- 100% Factory Leak Tested

REFRIGERANT	LARGE TEMPERATURE SERVICE RANGE	PS
R-22, R-134a, R-290, R-404A, R-407C, R-410A, R-507, R-744, R-407A/F, R-1234ze	-58°F to +176°F	667 psig

SAE FLARE: MALE x FEMALE

Aftermarket Model	Connection Type	SAE Flare (inch)
SG-2-FM	Flare F x M	1/4
SG-3-FM	Flare F x M	3/8
SG-4-FM	Flare F x M	1/2

ODF SOLDER: FEMALE x FEMALE

Aftermarket Model	Connection Type Solder	Connection ODF (inch)
SG-2-S	ODF x ODF	1/4
SG-3-S	ODF x ODF	3/8
SG-4-S	ODF x ODF	1/2
SG-5-S	ODF x ODF	5/8
SG-7-S	ODF x ODF	7/8
SG-9-S	ODF x ODF	1-1/8

SAE FLARE: MALE x MALE

Aftermarket Model	Connection Type	SAE Flare (inch)
SG-2	Flare M x M	1/4
SG-3	Flare M x M	3/8
SG-4	Flare M x M	1/2

SEC Superheat Control Kit for EEVs

Less Truck Stock, Fewer Tools, Faster Installation

- *Wide refrigerant temperature range*
- *High maximum operating pressure differential (MOPD)*
- *Low energy consumption coil*
- *Coils are double sealed water tight and safe*

With a few components on the truck, contractors can replace thousands of TXV variations they encounter.

One control kit and five EEVs replace thousands of refrigeration TXVs!

The Sanhua Superheat Control Kit contains:

- ***One SEC13 EEV controller***
- ***One Temperature Sensor w/16-foot cable***
- ***One Pressure Transducer w/16-foot cable***
- ***One 5-wire Stator for LPF/DPF EEV w/20-foot cable***

SEC Superheat Control Kit		
Aftermarket Model		Description
SEC613-R4 Kit-LPF	SEC613-R4	Controller
	NTC5A1	Temperature Sensor
	YCQB02L28-1	Pressure Transducer
	PQ-M24012-000009	EEV Stator
Not included in Kit	PQ-M03012-000001	EEV Stator for DPF(SO3)

Sanhua Superheat Control Kit - The Next Generation of Refrigeration!

Sanhua offers 5 models of LPF EEVs to pair with the SEC Superheat Control Kit

- *Real-time display of system metrics including temperature & pressure*
- *Configure for different system refrigerants with the touch of a button*
- *No more turning TXV adjusting stems, set the superheat with a button press*

LPF 10 D

EEV Model Type

Port Diameter in mm:

Co2 Certifier:
D= Certified for Co2 use, otherwise "D" is omitted

NOMINAL FLOW CAPACITY, TONS LPF IS FOR REFRIGERATION AND AC (COOLING DUTY ONLY)

Sanhhua EEV	TXV Cross - Reference: Solder Connections: 3/8" ODF x 1/2" ODF							Sporlan TXV Balanced Port
	R-134a	R-448A	R-404A	R-407A	R-407F	R-22	R-410A	All Refrigerants
LPF08	1/8 to 1/6	1/5 to 1/3	1/8 to 1/6	1/5 to 1/3	1/5 to 1/3	1/5 to 1/3	1/5 to 1/3	AAA
LPF10	1/4	1/2	1/4	1/2 to 3/4	1/2 to 3/4	1/2 to 3/4	1/2 to 3/4	AA
LPF14	1/2 to 1	3/4 to 1-1/2	1/2 to 1	1 to 1-1/2	1 to 1-1/2	1 to 1-1/2	1 to 1-1/2	A
LPF18	1-1/2 to 1-3/4	2	1-1/4 to 1-1/2	2 to 2-1/2	2 to 2-1/2	2 to 2-1/2	2 to 2-1/2	B
LPF24	2 to 3	1-1/2 to 4	2 to 3	3 to 5	3 to 5	3 to 5	3 to 5	C

NOMINAL FLOW CAPACITY, TONS DPF IS FOR AC AND HEAT PUMP SYSTEMS (SUPPORTS BI-FLOW OPERATION)

Sanhhua EEV	Solder Connections (Inlet x Outlet)	TXV Cross - Reference: Tons		Sporlan TXV Balanced Port
		R-22	R-410A	All Refrigerants
DPF(TS1)1.3C	5/16" OD x 5/16" OD	1/2 to 1	1/2 to 1	AAA
DPF(TS1) 1.65C	5/16" OD x 5/16" OD	1-1/2 to 2-1/2	1-1/2 to 2-1/2	A
DPF(TS1) 2.4C	5/16" OD x 5/16" OD	3 to 4-1/2	3 to 4-1/2	B
DPF(TS1) 3.2C	5/16" OD x 5/16" OD	5 to 7	5 to 7	C
DPF(S03)4.5C	5/8" OD x 5/8" OD	8 to 15	8 to 15	
DPF(S03) 6.5C	5/8" OD x 5/8" OD	16 to 20	19 to 30	

DPF (TSI) 1.3 C - XXX

EEV Model Type
LPF
DPF(TS1) = Up to 3.2mm port
DPF(S03) = Greater than 3.2mm port

Port Diameter in mm

Certifier: "C" or "Blank" - Standard certification
"D" - CO2 Certified

Product Serial Number:
Designates different fitting sizes

Thermostatic Expansion Valve TXVH

The EASY Cartridge Style TXV

- ***Easy component selection***
- ***Easy to stock with fewer parts***
- ***Easy on-the-spot assembly***

Universal Replacement for over 95% of installed refrigeration TXVs!

Control superheat with confidence. The Sanhua model TXVH is designed with world-class engineering and manufacturing technology combined with premium materials for superior performance.

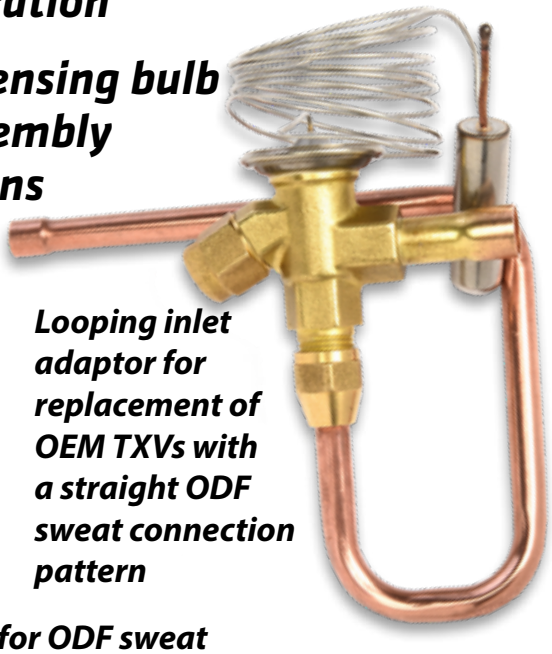
Wide evaporator temperature range thermostatic charge

Utilizes cross-charge technology

Available with MOP function to protect compressor from excessive suction pressure during operation

Stainless steel power head, capillary, and sensing bulb Fixed and welded power head improves assembly integrity and simplifies component selections

Eight inlet cartridges available for precise capacity selection



Looping inlet adaptor for replacement of OEM TXVs with a straight ODF sweat connection pattern

Adaptor for ODF sweat inlet connection

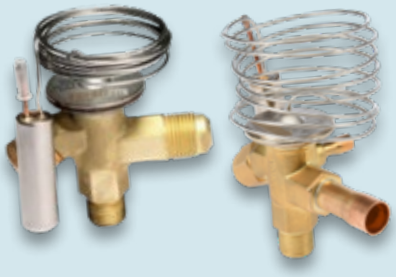
REFRIGERANT	LARGE TEMP SERVICE RANGE	FLUID TEMP RANGE	MAX OP
R-22, R-134a, R-404A, R-407C, R-407F, R-410A, R-507	-30°F to +130°F	-40°F to +158°F	667 psig

Step 1:

Select orifice size based on nominal capacity

Step 2:

Select body to match refrigerant and connection style desired

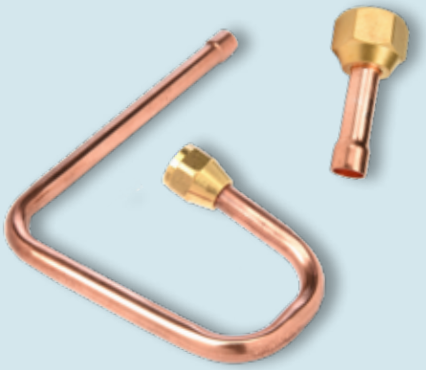


Step 3:

SOLDER ADAPTERS

Aftermarket Model	Solder Connection
TXVH-3S-IN	3/8"
TXVH-2S-IN	1/4"
TXVH-3 Loop-IN	3/8"

Note: 1. Copper tube and flare nut are included



STEP 1: ORIFICE SELECTION CRITERIA | Nominal Capacity

Orifice Model	Nominal Capacity					
	R-22 R-407A R-407C R-407F		R-404A R-507		R-134a	
	Tons	Balanced Port	Tons	Balanced Port	Tons	Balanced Port
TXVH-0X	1/5	-	1/8	-	1/8	-
TXVH-00	1/3	AAA	1/4	AAA	1/5	AAA
TXVH-01	3/4	AA	1/2	AA	1/3	-
TXVH-02	1	-	3/4	-	1/2	AA
TXVH-03	1-1/2	A	1-1/4	A	3/4	-
TXVH-04	2-1/2	B	2	B	1	A
TXVH-05	3 -1/2	-	2-1/2	-	1-3/4	B
TXVH-06	5	C	3	C	2-1/2	C

STEP 2: SELECT BODY TO MATCH REFRIGERANT AND CONNECTION

STEP 3

Valve Body Configuration	Inlet x Outlet x Equalizer	R-22 R-407A R-407C R-407F	R-404A R-507	R-407A R-507 Low Temp (with MOP)	R-134a	Inlet Adaptor
	3/8 x 1/2 SAE Flare (Internally Equalized)	TXVH-22	TXVH-404A-507	TXVH-404A-507-14F	TXVH-134a	Not Required
	3/8 x 1/2 x 1/4 SAE Flare	TXVHE-22	TXVHE-404A-507	TXVHE-404A-507-14F	TXVHE-134a	Not Required
	1/4 x 3/8 ODF Sweat (Internally Equalized)	TXVH-22-3S	TXVH-404A-507-3S	TXVH-404A-507-3S-14F	TXVH-134a-3S	TXVH-2S-IN
	1/4 x 3/8 x 1/4 ODF Sweat	TXVHE-22-3S	TXVHE-404A-507-3S	TXVHE-404A-507-3S-14F	TXVHE-134a-3S	TXVH-2S-IN
	3/8 x 1/2 ODF Sweat (Internally Equalized)	TXVH-22-4S	TXVH-404A-507-4S	TXVH-404A-507-4S-14F	TXVH-134a-4S	TXVH-3S-IN
	3/8 x 1/2 x 1/4 ODF Sweat	TXVHE-22-4S	TXVHE-404A-507-4S	TXVHE-404A-507-4S-14F	TXVHE-134a-4S	TXVH-3S-IN

TXVH BODY NOMENCLATURE

TXVH E 404A-507 3S 14F

- TXV MODEL SERIES: TXVH = Type "H" TXV (RFKH)
- EQUALIZATION OPTION: E = External Equalizer; Omit if Interally Equalized
- REFRIGERANTS: 404A-507 = R-404A or R-507; 22 = R-22, R-407A, R-407C or R-407F; 134a = R-134a
- OUTLET CONNECTION: 3S = 3/8" ODF Sweat; 4S = 1/2" ODF Sweat; Omit if SAE
- MOP: 14F = 14°F MOP; Omit if no MOP

Versatility Defined: 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*
- *Built-in check valve, use either on heat pump or straight cooling applications*
- *Balanced port design ideal to handle a capacity range*
- *External superheat adjustment*
- *Fewer SKUs for more applications*

UNIVERSAL AC/HP TXV KIT

Aftermarket Model	Capacity Range	Refrigerant
TXVFE-2-22-Kit	1 to 2 Tons	R-22
TXVFE-3-22-Kit	2.25 to 3 Tons	R-22
TXVFE-4-22-Kit	3.25 to 4 Tons	R-22
TXVFE-6-22-Kit	4.25 to 6 Tons	R-22

Aftermarket Model	Capacity Range	Refrigerant
TXVFE-2-410A-Kit	1 to 2 Tons	R-410A
TXVFE-3-410A-Kit	2.25 to 3 Tons	R-410A
TXVFE-4-410A-Kit	3.25 to 4 Tons	R-410A
TXVFE-5-410A-Kit	4.25 to 5 Tons	R-410A

Note: Connections: 3/8" ODF inch, 1/2" ODF Out Aeroquip and Chetleff adaptors, Equalizer 1/8" OD x 24" with 1/4"SAE flare nut

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

MODEL DESIGNATION NOMENCLATURE

TXV F E - 3 - 410A - KIT

MODEL:
TXV = Thermal Expansion Valve

TXV Model Series:
F= Type "F" TXV (RGFG)
K= Type "K" TXV (RFGK)
D= Type "D" TXV (RFGD)

EXTERNAL EQUALIZER

CONNECTIONS:
KIT = Includes ODF Sweat Connections + Adaptors
Chatleff = Chatleff Style Conenctions

REFRIGERANT:
410A = R-410A
22 = R-22

REFRIGERANT	LARGE TEMPERATURE SERVICE RANGE	MRP
R-22, R-410A	-22°F to +275°F	670 psig

Additional Larger AC TXV Models for R-410A

Aftermarket Model	Connection, ODF Solder			Capacity Range	Refrigerant
	Inlet	Outlet	Equalizer		
TXVKE-8-410A	5/8"	7/8"	1/4"	5.5 to 8 tons	R-410A
TXVDE-11.5-410A				8.5 to 11.5 tons	
TXVDE-15-410A				12 to 15 tons	

- *5/8" x 7/8" x 1/4" ODF sweat connections*
- *External superheat adjustment*
- *Larger capacities for air conditioning applications*

Chatleff TXV Connections

- *Built-in check valve, use on heat pump or straight cooling applications*
- *External superheat adjustment*
- *Drop-in replacement for Chatleff x Chatleff connections*

Aftermarket Model	Capacity Range	Refrigerant
TXVFE-2-410A-CHATLEFF	1 to 2 tons	R-410A
TXVFE-3-410A-CHATLEFF	2.25 to 3 tons	R-410A
TXVFE-4-410A-CHATLEFF	3.25 to 4 tons	R-410A
TXVFE-5-410A-CHATLEFF	4.25 to 5 tons	R-410A
TXVFE-6-410A-CHATLEFF	5.25 to 6 tons	R-410A

Note: Connections: Inlet Male Chatleff, Outlet Female Chatleff, Equalizer 1/8" ODx24" with 1/4" Female SAE Flare

REFRIGERANT
R-410A

LARGE TEMPERATURE SERVICE RANGE
-22°F to +275°F

MRP
670 psig

4-Way Reversing Valve

OVER 50 MILLION UNITS PER YEAR

SANHUA is the Leader in Manufacturing the World's Most Reliable Reversing Valve

REVERSING VALVE CAPACITY SELECTION TABLE

Aftermarket Model	Nominal Cooling Capacity (tons*)							
	R-407C		R-410A		R-134a		R-404A/R-507	
	Pressure Drop (PSI)							
	1.5	3.0	1.5	3.0	1.5	3.0	1.5	3.0
SHF(L)-4H-23U	0.91	1.31	1.08	1.54	0.74	1.05	0.74	1.05
SHF(L)-7H-34	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88
SHF(L)-7H-34U	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88
SHF(L)-7H-35	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88
SHF-7H-45	1.68	2.36	1.96	2.76	1.34	1.88	1.34	1.88
SHF-9H-45D1-L1	2.10	2.90	2.40	3.40	1.60	2.30	1.60	2.30
SHF(L)-11H-46D1	2.59	3.67	3.04	4.29	2.08	2.93	2.08	2.93
SHF-14-46	3.81	5.37	4.46	6.31	3.04	4.29	3.04	4.29
SHF-14-47	3.81	5.37	4.46	6.31	3.04	4.29	3.04	4.29
SHF-14-56D1	3.81	5.37	4.46	6.31	3.04	4.29	3.04	4.29
SHF-20A-45	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17
SHF-20A-56D1	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17
SHF-20A-57D1	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17
SHF-20D-46-02	5.49	7.76	6.4	9.07	4.38	6.17	4.38	6.17
SHF-35B-47-04	8.47	12.0	9.92	14.0	8.47	9.58	6.77	9.55
SHF-50-911D2	9.72	13.70	14.60	20.60	7.59	10.70	8.31	11.80
SHF(L)-100-1012-01	21.30	30.10	31.90	45.10	16.60	23.50	18.20	25.70

*Condensing temperature 130°F; evaporating temperature +45°F; Superheat and Subcooling temperature 9°F

Reversing Valve Nomenclature

SHF (L) 11 H 4 6 D1 02

Valve Series

Valve Body and Pilot Materials
(L) = Brass Valve Body and SS Pilot Body
Omit = Brass Valve and Pilot Bodies

Nominal Capacity in kW

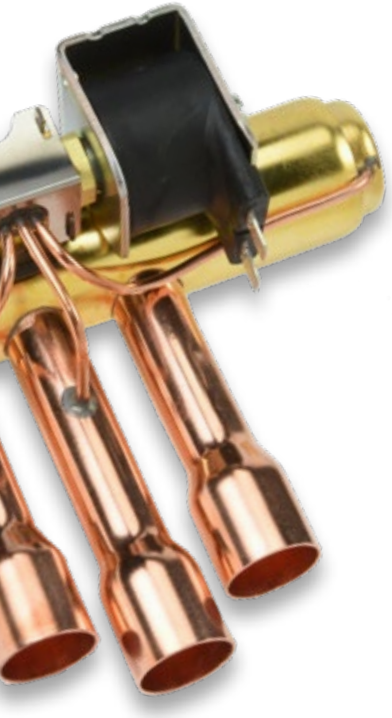
Refrigeratant Code

"D" Connection size

"E", "S", and "C" connection size

Valve Style
Blank = D tube straight in center location
U = U shape D tube in center location
D1 = D tube straight and in line with E
D2 = D tube straight and in line with C

Slide Material and Use
Blank = Standard
L1 = Alternate Slide Material
01 = PPS/Fixed speed
02 = PPS/Variable speed
04 = PPS/Variable speed



Solder connection pilot tube and valve for increased reliability

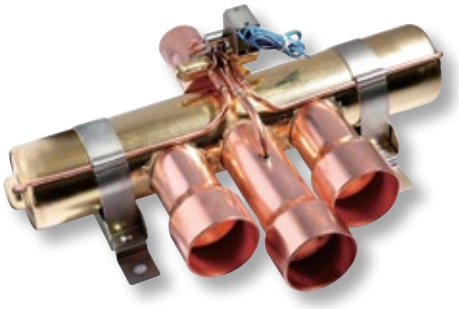
Suitable for capacities from 1-120 tons

Compatible with all common HCFC and HFC refrigerants

REVERSING VALVE COIL CHARACTERISTICS

Aftermarket Model	Electrical Connection	Rated Voltage	Power Consumption AC 60Hz (W)
Coil-SHF-FA4	Spade[1]	24 VAC	5
Coil SHF-FA2	Spade[1]	120 VAC	5
Coil SHF-FA5	Spade[1]	220-240 VAC	5

Note: 1. Wire harness for coil with Faston connector SQ-000000-090028



REFRIGERANT
R-22, R-134a, R-290, R-404A, R-407C, R-410A, R-507

OPD MAX
580 psig

LARGE TEMPERATURE SERVICE RANGE
-22°F to +275°F

PS
650 psig

Systems Requiring a Pressure Control Function

- *Single Pole, Double Throw (SDPT) Switch*
- *Auto or Manual Reset Models*
- *Durable Bronze Bellows and 1/4" flare connections*
- *Installation Bracket Supplied with all Models*

- ***MULTIPLE PRESSURE REGULATING RANGES AVAILABLE***
- ***CONVENIENT CAP TUBE/FLARE NUT CONNECTION AVAILABLE***

MODELS AVAILABLE

Aftermarket Model	Pressure	Connections
PS01AM-S01	Low pressure, auto reset	Capillary with 1/4" Flare nut
PS01MM-S01	Low pressure, manual reset	Capillary with 1/4" Flare nut
PS50AM-S01	High pressure/Fan control, auto reset	Capillary with 1/4" Flare nut
PS50MM-S01	High pressure, manual reset	Capillary with 1/4" Flare nut
PS15AAM-S01	Dual pressure/Fan control, auto + auto reset	Capillary with 1/4" Flare nut
PS15AMM-S01	Dual pressure, auto + manual reset	Capillary with 1/4" Flare nut
PS01AL-C05	LP, auto reset, 1/4" flare	Flare Connection 7/16-20UNF (1/4in & 6mm)
PS50AL-C05	High pressure/Fan control, auto reset	Flare Connection 7/16-20UNF (1/4in & 6mm)
PS50ML-C05	High pressure, manual reset	Flare Connection 7/16-20UNF (1/4in & 6mm)
PS15AAL-C05	Dual pressure/Fan control, auto + auto reset	Flare Connection 7/16-20UNF (1/4in & 6mm)
PS15AML-C05	Dual pressure, auto + manual reset	Flare Connection 7/16-20UNF (1/4in & 6mm)

PS01/50/15 series pressure controls are used in refrigeration and air conditioning systems to protect the systems from extremely low suction pressure or extremely high discharge pressure.

MODEL DESIGNATION NOMENCLATURE

PS 15 AA L - S 01

MODEL:
PS = Pressure Control

PRESSURE REGULATING RANGE:
01=LP: 15 inHg 100 psig
50=HP: 85 465 psig
60=HP:85 610 psig
15=DUAL (LP/HP): LP: 15 inHg 100 psig
HP: 85 465 psig

RESET TYPE:
A = Automatic **M** = Manual **C** = Convertible
AA = Auto LP/Auto HP **AC** = Auto LP/Convertible
Am/Ma/MM/MC/CA/CM/CC

CONNECTION UNIT:
01 = Certified by TüV, Rheinland acc. to PED 2014 68/EU, EN12263. The high pressure side is designed with double bellows, providing fail-safe function.

DESIGN TYPE:
S = Standard
C = Custom

CONNECTION TYPE:
L = 1/4" SAE Flare (male)
H = 1/4" ODF Sweat
M = Capillary Tube with 1/4" SAE Flare Nut

REFRIGERANT
R-22, R-134a, R-404A, R-407C, R-507, R-744, R-407A

LARGE TEMPERATURE SERVICE RANGE
-40°F to +250°F

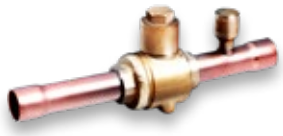
PS
HP: 500 psig
LP: 240 psig

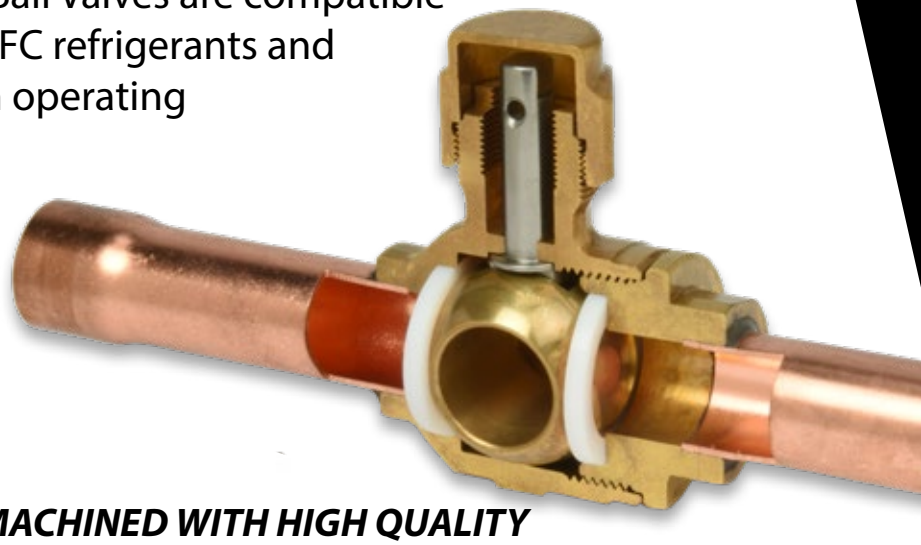
Stop Refrigerant Flow

Access the system with minimal pressure drop

- ***ALL BALL VALVES ARE FULLY PORTED***
- ***EASY TO OPERATE WITH 1/4 TURN TO OPEN & CLOSE***

Sanhua Ball Valves easily and efficiently shut off refrigerant flow and allow for the refrigerant to be isolated when servicing. The Ball Valves are compatible with all common HCFC and HFC refrigerants and are UL listed with a maximum operating pressure of 700 psig.





MACHINED WITH HIGH QUALITY C360 ALLOY BRASS FOR HIGH TENSILE STRENGTH

WITH ACCESS FITTING

Aftermarket Model	Connection (inch)	Cv
With access fitting		
BV-3-S-T	3/8	4.35
BV-4-S-T	1/2	7.74
BV-5-S-T	5/8	9.02
BV-6-S-T	3/4	14.6
BV-7-S-T	7/8	18.9
BV-9-S-T	1-1/8	34.9
BV-11-S-T	1-3/8	54
BV-13-S-T	2-5/8	77.6
BV-17-S-T	2-1/8	174.8
BV-21-S-T	2-5/8	295.7
BV-25-S-T	3-1/8	362
BV-29-S-T	3-5/8	479
BV-33-S-T	4-1/8	750

BV 3 S T

Ball Valve Model:
BV = Ball Valve

Connection Diameter Size:

Connection Type:
S = ODF Solder
FM = Female Flare x Male Flare Connection

System Code:
Blank = No access Valve
T= Access Valve
TC = Access Valve & Insulation

REFRIGERANT
R-22, R-134a, R-290, R-404A, R-407C, R-410A, R-507 Bi-directional, full port

LARGE TEMPERATURE SERVICE RANGE
-40°F to +248°F

PS
700 psig

SANHUA

Do it right.

Isolate the evaporators with Sanhua Ball Valves.

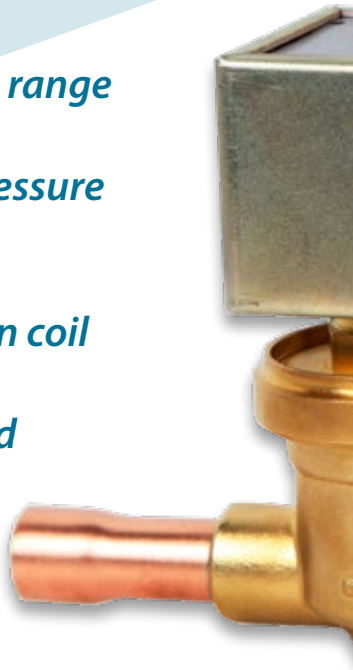
- Saves time & easier on you and your customer when service is needed
- Faster to bring system back to peak performance when there is less guessing about the refrigerant charge
- Isolate on single and multi-evaporator systems
- Male flare x female flare swivel designed to match the connections on line sets and evaporators

Male Flare x Female Flare Swivel Design

Aftermarket Model	Connection Type	SAE Flare ød (inch)
BV-2-FM-TC	Flare M x Swivel Nut	1/4
BV-3-FM-TC	Flare M x Swivel Nut	3/8
BV-4-FM-TC	Flare M x Swivel Nut	1/2
BV-5-FM-TC	Flare M x Swivel Nut	5/8

Hermetic Body Designed to Eliminate Leak Sources

- Wide refrigerant temperature range
- High maximum opening pressure differential (MOPD)
- Low energy consumption coil
- Coils are double sealed water tight and safe



Manual Lift Stem

SELECTION CRITERIA

Size	Liquid Capacity (tons)[1]						
	R-404A	R-448A	R-407A	R-134a	R-450A	R-22	R-410A
	3 psi ΔP	3 psi ΔP	3 psi ΔP	2 psi ΔP	2 psi ΔP	3 psi ΔP	3 psi ΔP
SoV2	0.54	0.70	0.70	0.61	0.57	0.78	0.75
SoV3	1.16	1.51	1.51	1.32	1.23	1.70	1.63
SoV5	2.23	2.91	2.91	2.54	2.37	3.27	3.14
SoV6	3.57	4.66	4.65	4.06	3.79	5.23	5.02
SoV9	5.80	7.57	7.55	6.59	6.16	8.49	8.16
SoV10	8.48	11.1	11.0	9.63	9.00	12.4	11.9
SoV15	11.2	14.6	14.5	12.7	11.8	16.3	15.7
SoV19	17.8	23.3	23.2	20.3	18.9	26.1	25.1
SoV25	26.8	34.9	34.9	30.4	28.4	39.2	37.7
SoV35	51.7	67.5	67.4	58.8	54.9	75.8	72.8
SoV43	74.9	97.8	97.6	85.2	79.6	109.7	105.4

Suction Vapor Capacity (tons) @ 1 psi ΔP [2]							
Size	R-404A	R-448A	R-407A	R-134a	R-450A	R-22	R-410A
SoV2	0.06	0.06	0.06	0.05	0.05	0.06	0.08
SoV3	0.12	0.13	0.13	0.11	0.10	0.14	0.17
SoV5	0.23	0.26	0.25	0.21	0.19	0.27	0.33
SoV6	0.37	0.41	0.40	0.33	0.30	0.43	0.52
SoV9	0.61	0.66	0.65	0.54	0.49	0.69	0.85
SoV10	0.89	0.97	0.95	0.79	0.72	1.01	1.24
SoV15	1.17	1.28	1.25	1.04	0.94	1.33	1.63
SoV19	1.87	2.04	2.00	1.67	1.51	2.13	2.61
SoV25	2.80	3.06	3.00	2.51	2.27	3.19	3.92
SoV35	5.42	5.92	5.81	4.85	4.38	6.18	7.57
SoV43	7.85	8.58	8.41	7.02	6.35	8.94	11.0

Discharge Vapor Capacity (tons) @ 2 psi ΔP [2]							
Size	R-404A	R-448A	R-407A	R-134a	R-450A	R-22	R-410A
	3 psi ΔP	3 psi ΔP	3 psi ΔP	2 psi ΔP	2 psi ΔP	3 psi ΔP	3 psi ΔP
SoV2	0.12	0.14	0.14	0.12	0.11	0.14	0.17
SoV3	0.27	0.30	0.29	0.25	0.23	0.30	0.36
SoV5	0.51	0.57	0.57	0.49	0.45	0.57	0.69
SoV6	0.82	0.91	0.90	0.78	0.71	0.91	1.11
SoV9	1.34	1.49	1.47	1.27	1.16	1.49	1.80
SoV10	1.96	2.17	2.15	1.85	1.70	2.17	2.64
SoV15	2.57	2.86	2.83	2.44	2.23	2.86	3.47
SoV19	4.12	4.57	4.52	3.90	3.57	4.57	5.55
SoV25	6.17	6.86	6.78	5.86	5.35	6.86	8.33
SoV35	11.9	13.3	13.1	11.3	10.3	13.3	16.1
SoV43	17.3	19.2	19.0	16.4	15.0	19.2	23.3

Note: Rated in accordance with ANSI/AHRI Standard 760 (I-P)

1. 40°F Evaporator Temperature, 110°F Condenser Temperature, 100°F Liquid Temp.
2. 40°F Evaporator Temperature, 65°F Suction Gas Temperature, 110°F Condenser Temp., Isentropic Compression plus 50°F

Pilot Operated Performance

Direct acting and piston type solenoid valves designed to operate at low pressure differentials on air conditioning and refrigeration systems. In addition to liquid and suction line, they are suitable for discharge application and can tolerate temperatures to 285°F.

Normally Closed

Size	Aftermarket Model	Solder Connection ODF (in)
SoV2	SoV2-2-S	1/4" ODF
SoV3	SoV3-2-S	1/4" ODF
	SoV3-3-S	3/8" ODF
SoV5	SoV5-2-S	1/4" ODF
	SoV5-3-S	3/8" ODF
SoV6	SoV6-3-S	3/8" ODF
	SoV6-4-S	1/2" ODF

Normally Closed w/Manual Lift Stem

Size	Aftermarket Model	Solder Connection ODF (in)
SoV6	SoV6-3-S-M	3/8" ODF
	SoV6-4-S-M	1/2" ODF
SoV9	SoV9-3-S-M	3/8" ODF
	SoV9-4-S-M	1/2" ODF
	SoV9-5-S-M	5/8" ODF
SoV10	SoV10-4-S-M	1/2" ODF
	SoV10-5-S-M	5/8" ODF
SoV15	SoV15-5-S-M	5/8" ODF
	SoV15-7-S-M	7/8" ODF
SoV19	SoV19-7-S-M	7/8" ODF
	SoV19-9-S-M	1-1/8" ODF
SoV25	SoV25-7-S-M	7/8" ODF
	SoV25-9-S-M	1-1/8" ODF
SoV35	SoV35-9-S-M	1-1/8" ODF
	SoV35-11-S-M	1-3/8" ODF
SoV43	SoV43-13-S-M	1-5/8" ODF
	SoV43-17-S-M	2-1/8" ODF

Normally Open

Size	Aftermarket Model [1]	Solder Connection ODF (in)
SoV9	SoV9-3-S-O	3/8" ODF
	SoV9-4-S-O	1/2" ODF
SoV10	SoV10-4-S-O	1/2" ODF
	SoV10-5-S-O	5/8" ODF
SoV15	SoV15-5-S-O	5/8" ODF
SoV19	SoV19-7-S-O	7/8" ODF
SoV25	SoV25-9-S-O	1-1/8" ODF
SoV35	SoV35-11-S-O	1-3/8" ODF
SoV43	SoV43-13-S-O	1-5/8" ODF
	SoV43-17-S-O	2-1/8" ODF

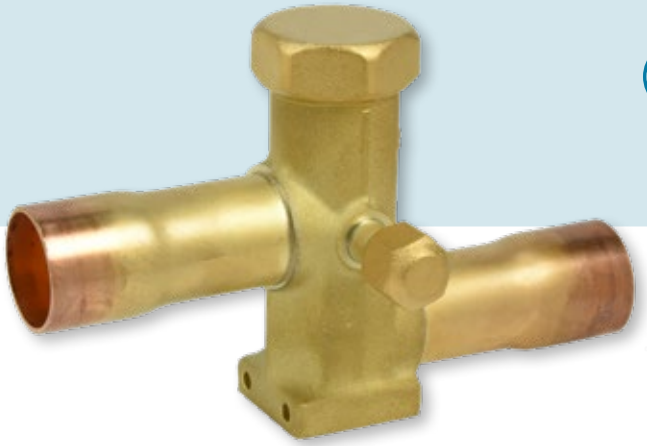
SoV 6 - 3 - S - M

- Omit for Normally Closed
  "M" = Normally Closed w/Manual Lift Stem
  "O" = Normally Open
- Sweat Connections (ODF)
- Connection Sizes in eighths of an inch
- Size Code
- Solenoid Valve

Coils with Junction Box

Operation	Aftermarket Model[1]	Rated Voltage	Supply	Power (W)	Frequency (Hz)	Voltage Tolerance	Insulation Class	Protection Class (w/plug)	Wiring type
Normally Closed	Coil-SoV-024	24	AC	9.0 (50Hz) 8.0 (60Hz)	50/60	-15% to +10%	F	IP67	Lead Wires
	Coil-SoV-120	120							
	Coil-SoV-208-240	208 to 240							
	Coil-SoV-DUAL	120V/208 to 240							
Normally Open	Coil-SoV-024-NO	24							
	Coil-SoV-120-NO	120							
	Coil-SoV-208-240-NO	208-240							

The Main Connection



Ability to handle low pressure drops and environmental conditions

Compatible with all common HCFC and HFC refrigerants

100% Factory Leak Tested

Your Trusted Access Point

Engineered to withstand the elements

Sanhua Service Valves easily and efficiently shut off refrigerant flow and allow for the refrigerant to be isolated when servicing. The Service Valves are compatible with all common HCFC and HFC refrigerants and are UL certified with a maximum operating pressure of 650 psig.

PRODUCT INFORMATION

Aftermarket Model	Charge Port SAE Flare (inch)
Service-Bar-3-S-T	3/8
Service-Bar-4-S-T	1/2
Service-Bar-5-S-T	5/8
Service-Bar-6-S-T	3/4
Service-Bar-7-S-T	7/8

MACHINED WITH HIGH QUALITY C360 ALLOY BRASS FOR HIGH TENSILE STRENGTH

REFRIGERANT
R-134a, R-404A, R-407C, R-410A, R-507

LARGE TEMPERATURE SERVICE RANGE
-22°F to +275°F

PS
650 psig

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Inside that Counts.

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WHOLESALE PRODUCT CATALOG