

Every second A/C system in the world is equipped with Inverter Technology



**SANHUA IS PROVIDING INVERTER
CONTROLLER SOLUTIONS TO ITS
CUSTOMERS HELPING THEM TO
IMPROVE SYSTEM EFFICIENCY BY 30%**

ADVANCED Technology & Solutions

- ✓ Improves system efficiency up to **30%**
- ✓ **Active Frequency Conversion Technology**
- ✓ **Wide Range of voltage application**



Sight Glass

SVJ SERIES



Sight glasses are installed after the filter drier in liquid line of refrigerating systems, in order to observe property changes of the refrigerant (liquid/vapour) and to indicate the moisture level by colours.

REFRIGERANT

R22, R134a, R404A, R407C, R410A, R507A, R744, R407A/F, R1234ze

LARGE TEMPERATURE SERVICE RANGE -50°C to +80°C

PS 46 bar

FEMALE / FEMALE

Part number	Connection Type	Connections ODF	
		Ød [inch]	Ød [mm]
SVJ-42020	ODF x ODF Solder	-	6
SVJ-42021	ODF x ODF Solder	1/4	-
SVJ-42022	ODF x ODF Solder	3/8	-
SVJ-42023	ODF x ODF Solder	-	10
SVJ-42024	ODF x ODF Solder	1/2	-
SVJ-42025	ODF x ODF Solder	-	12
SVJ-42026	ODF x ODF Solder	5/8	16
SVJ-42027	ODF x ODF Solder	3/4	-
SVJ-42028	ODF x ODF Solder	7/8	22

MALE / FEMALE

Part number	Connection Type	SAE Flare Ød [inch]	Dimensions & Weight			
			H [mm]	ØD [mm]	B [mm]	Weight [g]
SVJ-42034	Flare F x M	1/4	30	32	22	200
SVJ-42035	Flare F x M	3/8	30	32	22	240
SVJ-42036	Flare F x M	1/2	32	30	24	250
SVJ-42037	Flare F x M	5/8	37	30	24	320
SVJ-42038	Flare F x M	3/4	37	30	24	330



DECLARATION OF CONFORMITY:
Pressure Equipment
Directive 97/23/EC

MALE / MALE

Part number	Connection Type	SAE Flare	
		Ød [inch]	Ød [mm]
SVJ-42029	Flare M x M	1/4	-
SVJ-42030	Flare M x M	3/8	-
SVJ-42031	Flare M x M	1/2	-
SVJ-42032	Flare M x M	5/8	-
SVJ-42033	Flare M x M	3/4	-

CE RoHS PED

Brass Service Valve

SSV SERIES



CE RoHS

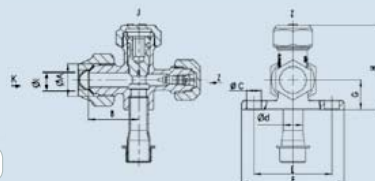
REFRIGERANT

R134a, R404A, R407C, R410A, R507A

LARGE TEMPERATURE SERVICE RANGE -30°C to +120°C

PS 45 bar

Brass service valves of series SSV are applicable for split air conditioners to connect indoor unit and outdoor unit. It can also be used in other cooling or refrigeration systems. The inner path of the valve can be closed by operating the valve stem. The 3way version (with charge port) can be used as service valve for vacuum pumping and refrigerant injection.



Part number	ØA	B	ØC	ØD		ØI Pipe	Charge Port Flare (in)	Cooling Capacity
	Flare in	mm	mm	in	mm			
SSV-14001	7/16-20UNF	23	7.2	1/4	6.35	4.8	-	0.7 - 1.5
SSV-14002	5/8-18UNF	24.5	7.2	3/8	9.52	7.0	5/16	0.7 - 3.7
SSV-14003	3/4-16UNF	28	7.2	1/2	12.7	10	5/16	1.1 - 7.5
SSV-14004	7/8-14UNF	34	7.2	5/8	15.9	12.5	5/16	1.5 - 8.8
SSV-14005	1-1/16-14UNS	40	7.2	3/4	19.1	16	5/16	3.7 - 5.9



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Charge Valve

TCJ SERIES



Charge valves are mainly installed in air conditioning and refrigeration systems. They are used as service valve for circuit evacuation to vacuum and for refrigerant injection.

REFRIGERANT

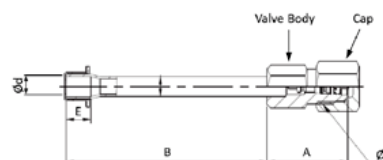
R22, R134a, R404A, R407C, R410A, R507A

LARGE TEMPERATURE SERVICE RANGE -30°C to +80°C

PS 45 bar

Part number	A	B	C Flare Ø	D solder Ø		E
	mm	mm	in	mm	in	mm
*TCJ-14001	26	65	7/16-20	6.35	1/4	8
TCJ-14002	26	65	1/2-20	6.35	1/4	8
*TCJ-14003	26	-	7/16-20	-	-	-
TCJ-14004	26	-	1/2-20	-	-	-

*Only for R22



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CE RoHS PED