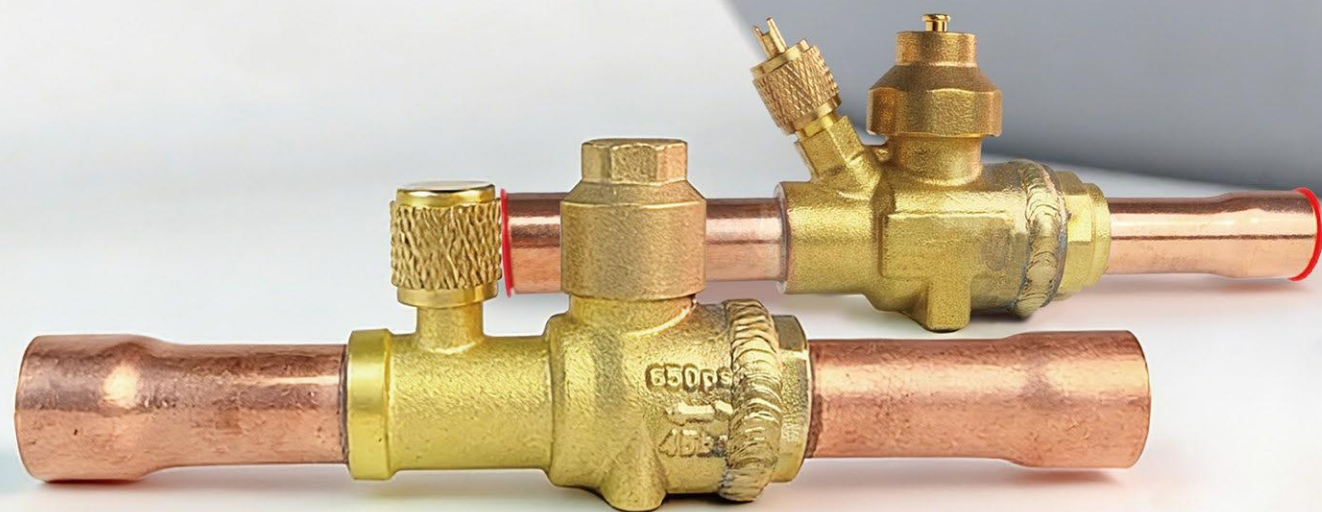




REFRIGERATION BALL VALVE



Independent development & One intergrated mass

Each high temperature weld may damage the inner core of the valve, however, Hengsen developed a new modified process. It is to reduce a weld at the junction of copper pipe, which makes valves more imperishable, safer and more beautiful.

Welding technology-high frequency welding

Since the current is highly concentrated in the weld area, it heats up quickly on a small area and is not easy to be oxidize to ensure a good organization and performance of the weld. The welding surface is more uniform, beautiful and environmentally friendly.

Easier operation convenient installation

Only need to turn 1/4 round to open completely from closed.

With limit switch either full open or full closed.

Unimpeded access design

The pipe is unimpeded when the valve is open to connect the pipe.

Valve seat fixing device can install on the stand to significantly reduce pipe vibration.



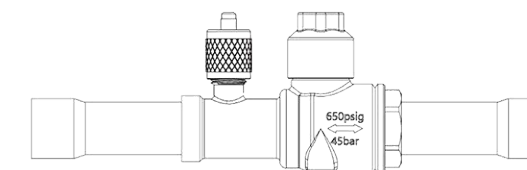
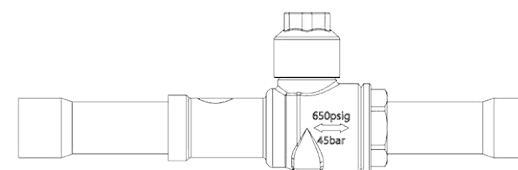
Product Features

1. Just turn 1/4 circle to make the valve from full open to full closed and it has rotation limitation.
2. Valve seat sealing with modified PTFE, quick on/off, self-compensation function.
3. With two-way liquidity, large flow rate, small resistance, explosion-proof valve stem design.

Technical Data

1. Applicable medium: R22, R134a, R407C, R410 etc.
2. Applicable medium temperature: -30°C ~ +120°C.
3. Maximum working pressure: 4.5MPa.
4. Applicable environment temperature: -20°C ~ +60°C.

Parameter Table



SQF series(without charging port)

Specification	Dimension(mm)			
	D	H	L	L1
1/4	Φ6.35	35	165	7
3/8	Φ9.52	35	165	10
1/2	Φ12.7	35	165	10
5/8	Φ15.88	36.8	165	14
3/4	Φ19.1	42	180	15
7/8	Φ22.3	42.7	200	16
1	Φ25.4	42.7	200	16
1-1/8	Φ28.6	54	215	20
1-1/4	Φ31.8	54	215	20
1-3/8	Φ34.9	58.5	256	24
1-5/8	Φ41.3	68	288	25
2-1/8	Φ54	77.6	322	33

SQF series(with charging port)

Specification	Dimension(mm)				
	D	H	L	L1	L2
1/4	Φ6.35	35	165	7	34.5
3/8	Φ9.52	35	165	10	34.5
1/2	Φ12.7	35	165	10	37
5/8	Φ15.88	36.8	165	14	37
3/4	Φ19.1	42	180	15	40.5
7/8	Φ22.3	42.7	200	16	51
1	Φ25.4	42.7	200	16	51
1-1/8	Φ28.6	54	215	20	52
1-1/4	Φ31.8	54	215	20	52
1-3/8	Φ34.9	58.5	256	24	67
1-5/8	Φ41.3	68	288	25	77
2-1/8	Φ54	77.6	322	33	78