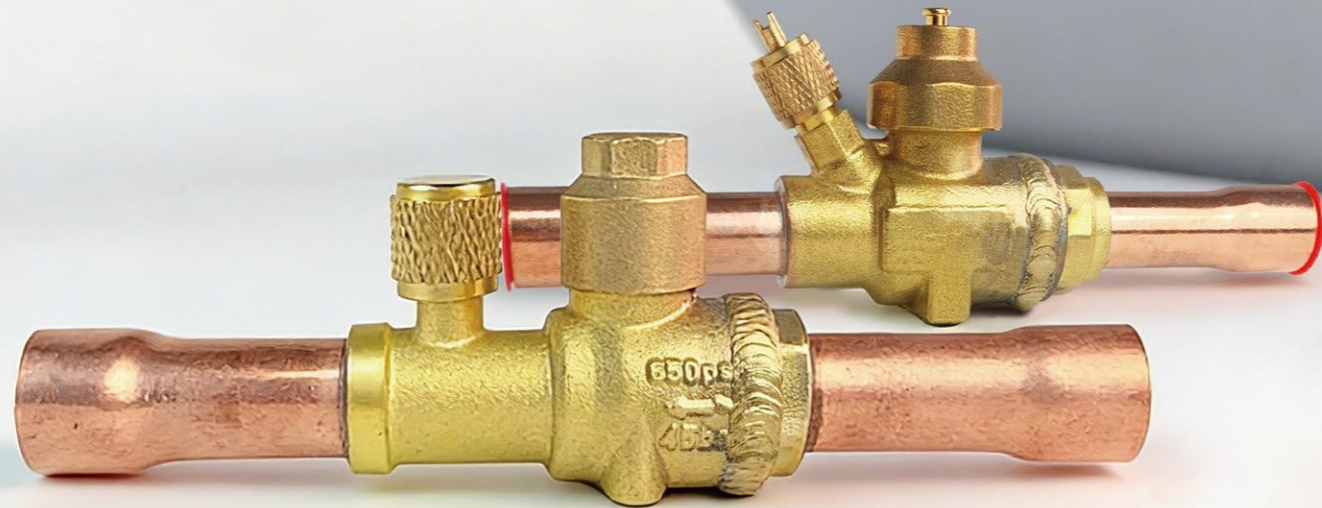


# REFRIGERATION BALL VALVE



## 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.

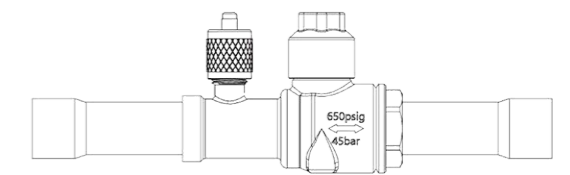
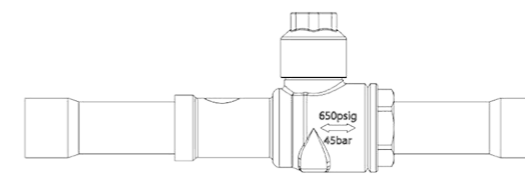
## Product Features

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	Φ9.52	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