



## MSV-C Manual Presetting Valve

- **Hydronic Balancing** of the HVAC and DWS domestic water systems
  - **User Friendly**  
presetting scale is readable from all directions
  - **Excellent Performance**  
high measurement accuracy (+/- 5%) in all load range and optimised on low noise emission
  - **Compact Design**  
handle is impact and heat resistant

The MSV-C balancing valve is used to secure a hydronic balance in cooling and heating systems. It is recommended to use it in applications for constant flow. MSV-C can offer you:

- Reasonable price and long term efficiency
- Excellent accuracy on measuring (+/- 5%) in all range of load
- Presetting scale is readable from all directions

### MSV-C

MSV-C is used to balance the flow in heating, cooling and domestic water systems. Temperature operating from: -10 °C up to + 120 °C (for CR brass versions).

MSV-C is a combined presetting, measuring and shut-off valve designed for installation in the return pipe. It incorporates flow limitation so that it can be set for required maximum flow in the riser.

MSV-C is supplied with internal thread.

Additional benefits are:

- Measurement fixed orifice
- Can be supplied with 2 pcs. measuring nipples for needles
- Hand wheel with shut-off function
- Digital scale with lock function

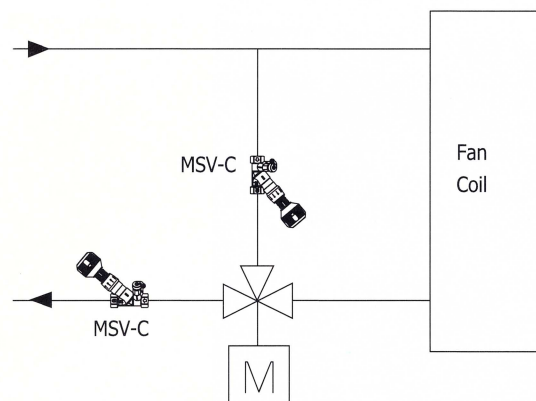


Fig. 1 – fan coil terminals - cooling and heating

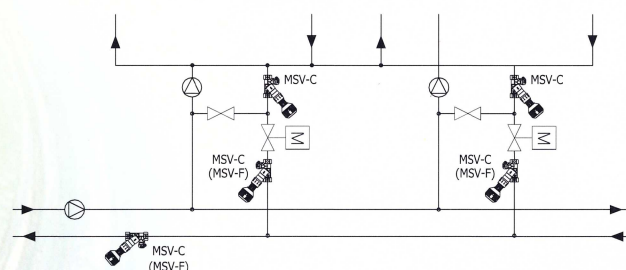


Fig. 2 – distribution system - secondary circuits in cooling and heating

### Ordering:

MSV-C valve (CR\* brass with 2 pcs of measuring nipples)

MSV-C	DN	K <sub>VS</sub> (m <sup>3</sup> /h)	Code No.
	15	1.8	003Z3001
	20	3.8	003Z3002
	25	7.0	003Z3003
	32	14.0	003Z3004
	40	20.0	003Z3005
	50	41.0	003Z3006

\* corrosion resistant brass (previous expression was DZR brass)

MSV-C valve (standard brass with 2 pcs of measuring nipples)

MSV-C	DN	K <sub>VS</sub> (m <sup>3</sup> /h)	Code No.
	15	1.8	003Z3020
	20	3.8	003Z3021
	25	7.0	003Z3022
	32	14.0	003Z3023
	40	20.0	003Z3024
	50	41.0	003Z3025

MSV-C valve (CR brass without measuring station)

MSV-C	DN	K <sub>VS</sub> (m <sup>3</sup> /h)	Code No.
	15	3.9	003Z3030
	20	7.3	003Z3031
	25	11.8	003Z3032
	32	21.6	003Z3033
	40	28.5	003Z3034
	50	50.5	003Z3035

MSV-C valve (standard brass without measuring nipples)

MSV-C	DN	K <sub>VS</sub> (m <sup>3</sup> /h)	Code No.
	15	1.8	003Z3010
	20	3.8	003Z3012
	25	7.0	003Z3013
	32	14.0	003Z3014
	40	20.0	003Z3015
	50	41.0	003Z3016

For measuring flow and pressure drop use measuring equipment PFM 3000

PFM 3000	Code No.
	003L8218

MSV-C can also be used as solution for numerous other applications.