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Diaphragm safety valves MS, MSM











Benefits

- For protection against overpressure in heating systems
- For water, water/glycol mixtures, liquids of fluid groups 1 and 2
- MSM with pressure gauge for indication of the system pressure

Application

For sealed heating systems as per TRD 721; VdTÜV sheet Safety Valve 100 and 100/4 sheet 1; EN 12828. Also for water heating systems as per DIN 4751-2 with flow temperatures up to 120 °C and DIN 4751-3 with flow temperatures up to 95 °C. Suitable for water, water/glycol

mixtures and liquids of fluid groups 1 and 2 (Pressure Equipment Directive, Art. 9).

VERSIONS

	Maximum heating capacity	Opening pressure
Diaphragm safety valve MS G½ x G¾	50 kW	2.5 bar
Diaphragm safety valve MS G½ x G¾	50 kW	3 bar
Diaphragm safety valve MS G¾ x G1	100 kW	2.5 bar
Diaphragm safety valve MS G¾ x G1	100 kW	3 bar
Diaphragm safety valve MS Rp1 x Rp1¼	200 kW	2.5 bar
Diaphragm safety valve MS Rp1 x Rp1 ¹ / ₄	200 kW	3 bar
Diaphragm safety valve MS Rp1¼ x Rp1½	350 kW	3 bar
Diaphragm safety valve MSM G½ x G¾	50 kW	3 bar

Blue part no. = in-stock items

General Information

Diaphragm safety valves MS, MSM



- For protection against overpressure in heating systems
- For water, water/glycol mixtures, liquids of fluid groups 1 and 2
- MSM with pressure gauge for indication of the system pressure



Application For sealed heating systems as per TRD 721; VdTÜV sheet Safety Valve 100 and 100/4 sheet 1; EN 12828. Also for water heating systems as per DIN 4751-2 with flow temperatures up to 120 °C and DIN 4751-3 with flow temperatures up to 95 °C. Suitable for water, water/glycol mixtures and liquids of fluid groups 1 and 2 (Pressure Equipment Directive, Art. 9).

Description Safety valve with factory-adjusted opening pressure. MSM with pressure gauge for indicating the system pressure. The size of the valve inlet determines the unit type, the outlet is 1/4" larger.

Technical Connection specifications See selection table

Operating temperature range

-20/+120 °C

Opening pressure

See selection table

Dimensions

W x H x D: 35 x 60 x 45 mm

Housing

Brass

Cap

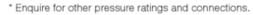
PA6, red

Pressure gauge for heating installations (for MSM)

Diameter: 50 mm-G1/4 back 0/4 bar Range: Connection: bottom back

DG: G, PG: 2	Maximum heating capacity	Opening pressure	Pressure gauge			Part no.	Price €
MS G½ x Rp¾	50 kW	2.5 bar	-	1	84	42385	
MS G½ x Rp¾	50 kW	3.0 bar	-	1	84	42390	
MS G¾ x Rp1	100 kW	2.5 bar	-	1	84	42386	
MS G¾ x Rp1	100 kW	3.0 bar	-	1	84	42391	
MS Rp1 x Rp11/4	200 kW	2.5 bar	-	1	-	42383	
MS Rp1 x Rp11/4	200 kW	3.0 bar	-	1	-	42378	
MS Rp11/4 x Rp11/2	350 kW	3.0 bar	-	1	-	42495	
MSM Rp½ x Rp¾	50 kW	3.0 bar	0/4 bar	1	30	42382	

for safety valves for solar liquid and drinking water.





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