

Boiler safety group assemblies KSG



KSG Mini – 3 bar

Application For sealed heating systems as per EN 12828 with a capacity of up to 50 kW.

Description Complete, pre-assembled, tightness-tested boiler safety group assembly, lightweight design. Consisting of carrier, pressure gauge for indicating the system pressure, quick air vent and diaphragm safety valve MS, including form-fit insulation. With self-sealing mounting valves for easy replacement of pressure gauge and quick air vent.

- Technical specifications

Boiler connection
G1 female thread

Operating temperature range
Max. 120 °C

Dimensions
W x H x D 140 x 150 x 75 mm

Insulation
Polystyrene EPS

Carrier
Brass

Diaphragm safety valve MS
Inlet x outlet: G $\frac{1}{2}$ x G $\frac{3}{4}$
Seal: PTFE sealing ring, can be rotated
Response pressure: 3 bar

Pressure gauge for heating installations
Range: 0/4 bar
Diameter: 50 mm–G $\frac{1}{4}$ bottom back

Quick air vent
Inlet: G $\frac{3}{8}$
Nominal pressure: 12 bar



KSG – 3 bar

For sealed heating systems as per EN 12828 with a capacity of up to 50 kW.

Complete, pre-assembled, tightness-tested boiler safety group assembly. Consisting of carrier, pressure gauge for indicating the system pressure, quick air vent and diaphragm safety valve MS, including form-fit insulation. With self-sealing mounting valves for easy replacement of pressure gauge and air vent.

- Boiler connection

G1 female thread

Operating temperature range
Max. 120 °C

Dimensions
W x H x D 183 x 144 x 70 mm

Insulation
Expanded polypropylene EPP

Carrier
Brass

Diaphragm safety valve MS
Inlet x outlet: G $\frac{1}{2}$ x G $\frac{3}{4}$
Seal: PTFE sealing ring, can be rotated
Response pressure: 3 bar

Pressure gauge for heating installations
Range: 0/4 bar
Diameter: 63 mm–G $\frac{3}{8}$ bottom

Quick air vent
Inlet: G $\frac{3}{8}$
Nominal pressure: 12 bar

DG: G, PG: 2	kW	bar	Connection	Insulation			Part no.	Price €
KSG Mini	Max. 50	3	G1	Yes	1	10	77623	
KSG	Max. 50	3	G1	Yes	1	10	77938	

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KSG Maxi – 3 bar

Application For sealed heating systems as per EN 12828 with a capacity of up to 100 kW.

Description Complete, pre-assembled, tightness-tested boiler safety group assembly. Consisting of carrier, pressure gauge for indicating the system pressure, quick air vent and diaphragm safety valve MS. With self-sealing mounting valves for easy replacement of pressure gauge and quick air vent. With insulation.

Technical specifications

Boiler connection
G1 female thread

Operating temperature range
Max. 120 °C

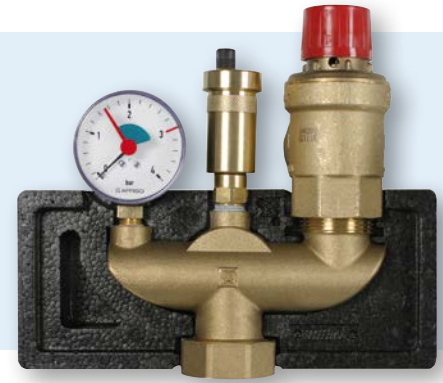
Dimensions
W x H x D 183 x 144 x 70 mm

Carrier
Brass

Diaphragm safety valve MS
Inlet x outlet: G $\frac{3}{4}$ x G1
Seal: PTFE sealing ring, can be rotated
Response pressure: 3 bar

Pressure gauge for heating installations
Range: 0/4 bar
Diameter: 63 mm – G $\frac{3}{8}$ centre back

Quick air vent
Inlet: G $\frac{3}{8}$
Nominal pressure: 12 bar



KSG Magnum – 3 bar

For sealed heating systems as per EN 12828 with a capacity of up to 200 / 350 kW.

Complete, pre-assembled, tightness-tested boiler safety group assembly. Consisting of carrier designed as multi-way union, pressure gauge for indicating the system pressure, quick air vent and diaphragm safety valve MS. With self-sealing mounting valves for easy replacement of pressure gauge and quick air vent. The form-fit insulation is also used to package the product for safe transport.

Boiler connection
Up to 200 kW: G1 $\frac{1}{4}$ female thread
Up to 350 kW: G1 $\frac{1}{2}$ female thread

Operating temperature range
Max. 120 °C

Dimensions
W x H x D 230 x 175 x 104 mm

Insulation
Polypropylene EPP

Carrier
Brass

Diaphragm safety valve MS
Up to 200 kW (inlet x outlet): G1 x G1 $\frac{1}{4}$
Up to 350 kW (inlet x outlet): G1 $\frac{1}{4}$ x G1 $\frac{1}{2}$
Seal: PTFE sealing ring, can be rotated
Response pressure: 3 bar

Pressure gauge for heating installations
Range: 0/4 bar
Diameter: 63 mm – G $\frac{3}{8}$ bottom

Quick air vent
Inlet: G $\frac{3}{8}$
Nominal pressure: 12 bar

DG: G, PG: 2	kW	bar	Boiler connection	Insulation			Part no.	Price €
KSG Maxi	Max. 100	3	G1 female	Yes	1	10	77581	
KSG Magnum	Max. 200	3	G1 $\frac{1}{4}$ female	Yes	1	10	77627	
KSG Magnum	Max. 350	3	G1 $\frac{1}{2}$ female	Yes	1	10	77628	