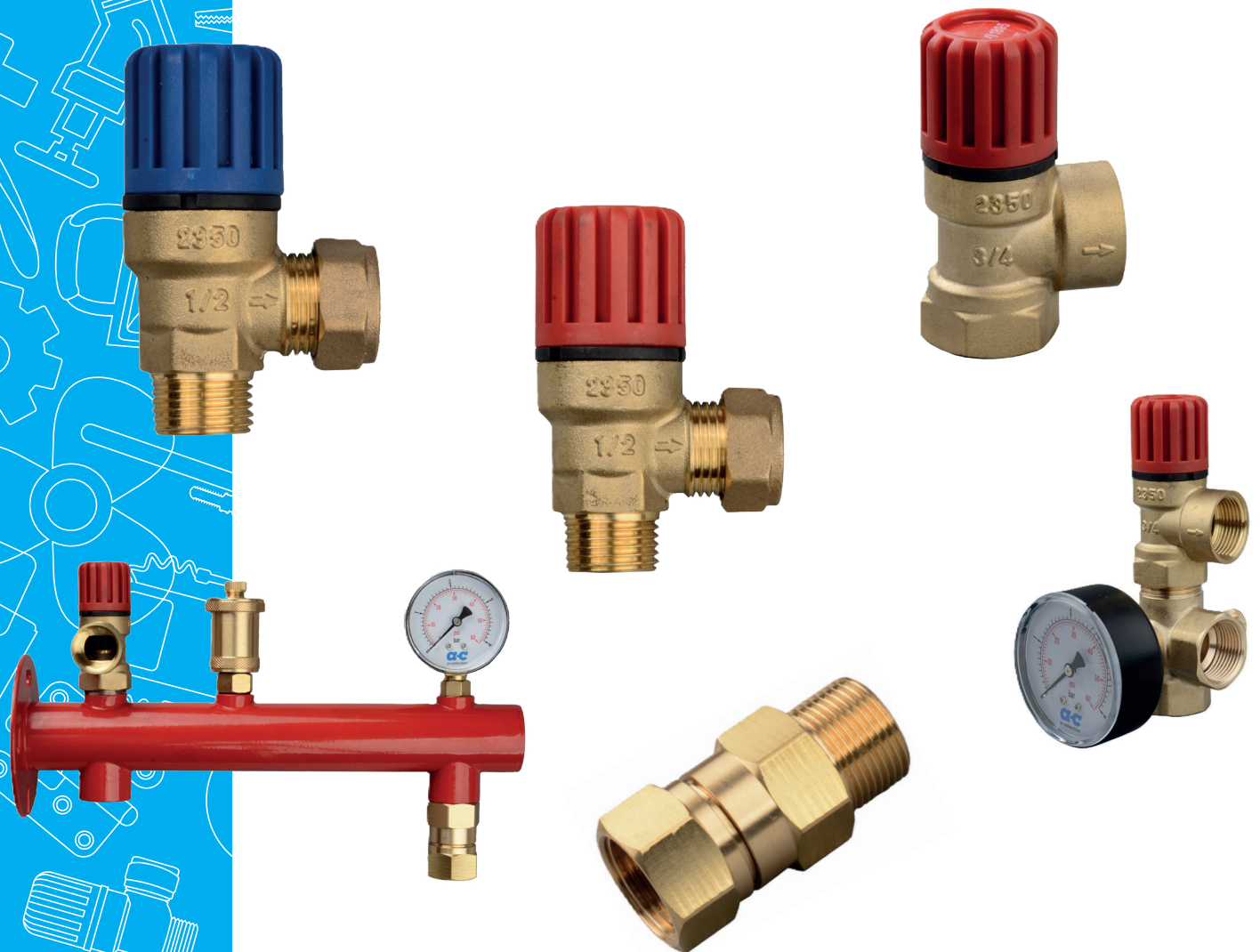


Safety valves & safety kit



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Safety valves & safety kit



Safety valve AVi 1890-S

G1/2" male thread, 15mm clamping connection on outlet.

For tap water.

Lead-free brass with Max 0.10% lead content.

Technical Data

Dimension connection 1	Ansl. 15 (1/2")
Connection 1	External thread G, cylindrical (ISO 228-1)
Connection 2	Clamping ring
Outside pipe diameter connection 1	15 mm
Outside pipe diameter connection 2	15 mm
Pressure class	PN 10
Material quality	Dezincification Resistant
Sealing	EPDM (ethylene propylene rubber)
Surface protection	Untreated
Model/design	Right-angled
Suitable for refrigeration	Yes, suitable for
Suitable for domestic hot water	Yes, suitable for
Suitable for heating	Yes, suitable for
Material housing/enclosure/frame	Brass
Media temperature (continuous)	-10-+120°C

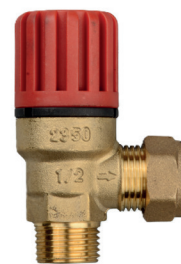
Article No	Designation	Overflow pressure	Unit
5075108	Safety valve	6 bar	ST
5075109	Safety valve	9 bar	ST
5075110	Safety valve	10 bar	ST

Safety valve AVI 1895-S for heating and cooling G15x15mm

G1/2" male thread, 15mm clamping connection on outlet.

Max glycol mixture 50%

Lead-free brass with Max 0.10% lead content.



Technical Data

Dimension connection 1	Ansl. 15 (1/2")
Connection 1	External thread G, cylindrical (ISO 228-1)
Connection 2	Clamping ring
Outside pipe diameter connection 1	15 mm
Outside pipe diameter connection 2	15 mm
Pressure class	PN 10
Material quality	Dezincification hardened brass (DZR)
Sealing	EPDM (ethylene propylene rubber)
Surface protection	Untreated
Model/design	Right-angled
Suitable for refrigeration	Yes, suitable for
Suitable for domestic hot water	No safety valve
Suitable for heating	Yes, suitable for
Material housing/enclosure/frame	Brass
Media temperature (continuous)	-10-+120°C

Article No	Designation	Overflow pressure	kW	Unit
5075092	Safety valve	1,5 bar	65	ST
5075093	Safety valve	2 bar	68	ST
5075094V	Safety valve	2,5 bar	70	ST



Safety valve AVI 1895-S for heating and cooling G20x22mm

G3/4" male thread, 22mm compression fitting on exhaust.
Max glycol mixture 50%
Lead-free brass with Max 0.10% lead content.

Technical Data

Dimension connection 1	Ansl. 20 (3/4")
Connection 1	External thread G, cylindrical (ISO 228-1)
Connection 2	Clamping ring
Outside pipe diameter connection 1	20 mm
Outside pipe diameter connection 2	22 mm
Pressure class	PN 10
Material quality	Dezincification hardened brass (DZR)
Sealing	EPDM (ethylene propylene rubber)
Surface protection	Untreated
Model/design	Right-angled
Suitable for refrigeration	Yes, suitable for
Suitable for domestic hot water	No safety valve
Suitable for heating	Yes, suitable for
Material housing/enclosure/frame	Brass
Media temperature (continuous)	-10-+120°C

Article No	Designation	Overflow pressure	kW	Unit
5075095	Safety valve	1,5 bar	78	ST
5075096	Safety valve	2,5 bar	120	ST



Safety valve AVI 1895-S for heating and cooling G20xG20

G3/4" female thread on inlet and outlet.
Max glycol mixture 50%
Lead-free brass with Max 0.10% lead content.

Technical Data

Dimension connection 1	Ansl. 20 (3/4")
Dimension connection 2	Ansl. 20 (3/4")
Connection 1	Female thread G, cylindrical (ISO 228-1)
Connection 2	Female thread G, cylindrical (ISO 228-1)
Outside pipe diameter connection 1	20 mm
Pressure class	PN 10
Material quality	Dezincification hardened brass (DZR)
Sealing	EPDM (ethylene propylene rubber)
Surface protection	Untreated
Model/design	Right-angled
Suitable for refrigeration	Yes, suitable for
Suitable for domestic hot water	No safety valve
Suitable for heating	Yes, suitable for
Material housing/enclosure/frame	Brass
Media temperature (continuous)	-10-+120°C

Article No	Designation	Overflow pressure	kW	Unit
5075097	Safety valve	1,5 bar	78	ST
5075098	Safety valve	2 bar	80	ST
5075099	Safety valve	2,5 bar	120	ST
5075100	Safety valve	3 bar	180	ST

Safety valve AVI 1895-S for heating and cooling G25xG32

G1" female thread on inlet and G1 1/4" on outlet.

Max glycol mixture 50%

Lead-free brass with Max 0.10% lead content.



Technical Data

Dimension connection 1	Ansl. 25 (1")
Dimension connection 2	Ansl. 32 (1 1/4")
Connection 1	Female thread G, cylindrical (ISO 228-1)
Connection 2	Female thread G, cylindrical (ISO 228-1)
Outside pipe diameter connection 1	33,7 mm
Outside pipe diameter connection 2	42,4 mm
Pressure class	PN 10
Material quality	Dezincification hardened brass (DZR)
Sealing	EPDM (ethylene propylene rubber)
Surface protection	Untreated
Model/design	Right-angled
Suitable for refrigeration	Yes, suitable for
Suitable for domestic hot water	No safety valve
Suitable for heating	Yes, suitable for
Material housing/enclosure/frame	Brass
Media temperature (continuous)	-10-+120°C

Article No	Designation	Overflow pressure	kW	Unit
5075101	Safety valve	1,5 bar	160	ST
5075102	Safety valve	2 bar	230	ST
5075103	Safety valve	2,5 bar	280	ST
5075104	Safety valve	3 bar	295	ST
5075105	Safety valve	3,5 bar	310	ST
5075106	Safety valve	4 bar	320	ST
5075107	Safety valve	5 bar	330	ST



Safety kit AVI 1896-S

"Safety kit with safety valve, pressure gauge 0-6bar and bleed screw.

G3/4 internal thread on inlet. Max glycol mixture 50% Safety valve in lead-free brass with Max 0.10% lead content.

Technical Data

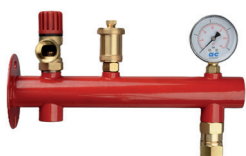
Suitable for heating water	Yes, suitable for
With expansion vessel	No safety valve
With pressure gauge	Yes, suitable for
With overfill protection	Yes, suitable for
Suitable for gas	No safety valve
Suitable for toilet waste water	No safety valve
With service valve	No safety valve
With shut-off valve	No safety valve
With non-return valve	No safety valve
With bracket for expansion vessel	No safety valve
With gas valve	No safety valve
With inlet combination	Yes, suitable for
With insulated jacket	No safety valve
With boiler sensor	No safety valve
With pump	No safety valve
With filling/drawing tap	No safety valve



Article No	Designation	Connection	Overflow pressure	Unit
5029005	Safety kit	G20xG20	1,5 bar	ST
5029002	Safety kit	G20x22 mm	1,5 bar	ST
5029003	Safety kit	G20x22 mm	2,0 bar	ST
5029004	Safety kit	G20x22 mm	2,5 bar	ST

Safety kit AVI 1897-S

Safety kit with wall bracket and safety valve, pressure gauge 0-6bar and vent valve, quick connection to vessel with check valve. Safety valve G20" internal thread on exhaust. Max glycol mixture 50%



Technical Data

Suitable for heating water	Yes, suitable for
With expansion vessel	No safety valve
With pressure gauge	Yes, suitable for
With overfill protection	Yes, suitable for
Suitable for gas	No safety valve
Suitable for toilet waste water	No safety valve
With service valve	No safety valve
With shut-off valve	No safety valve
With non-return valve	No safety valve
With bracket for expansion vessel	No safety valve
With gas valve	No safety valve
With inlet combination	Yes, suitable for
With insulated jacket	No safety valve
With boiler sensor	No safety valve
With pump	No safety valve
With filling/drawing tap	No safety valve

Article No	Designation	Overflow pressure	Unit
5029006	Safety kit	1,5 bar	ST
5029007	Safety kit	2,5 bar	ST

Manifold for expansion vessel DN20 with wall bracket

Manifold with wall bracket, for expansion vessels 8-25 liters.

Technical Data

Connection 1	External thread G, cylindrical (ISO 228-1)
Connection 2	Female thread G, cylindrical (ISO 228-1)
Dimension (Nominal diameter)	Ansl. 20 (3/4")
Material (nominal diameter)	Steel (nominal diameter)
With pressure gauge	No safety valve
With filling/drawing tap	No safety valve
Outside pipe diameter connection 1	20 mm
Outside pipe diameter connection 2	20 mm



Article No	Designation	Unit
5029008	Manifold	ST

Manifold for expansion vessel DN25 without wall bracket

Manifold for expansion vessels 80-1000 liters.

Technical Data

Connection 1	External thread G, cylindrical (ISO 228-1)
Connection 2	Female thread G, cylindrical (ISO 228-1)
Dimension (Nominal diameter)	Ansl. 25 (1")
Material (nominal diameter)	Steel (nominal diameter)
With pressure gauge	No safety valve
With filling/drawing tap	No safety valve
Outside pipe diameter connection 1	25 mm
Outside pipe diameter connection 2	25 mm



Article No	Designation	Unit
5029009	Manifold	ST



Quick coupling to manifold

Quick coupling for connection between system and expansion vessel, with non-return valve for dismantling without draining the system.

Technical Data

Connection 1	Female thread G, cylindrical (ISO 228-1)
Connection 2	External thread G, cylindrical (ISO 228-1)
Bending angle	0 °
DIN-CERTCO certificate	No safety valve
Dimension connection 1	Ansl. 20 (3/4")
Dimension connection 2	Ansl. 20 (3/4")
Tensile strength	No safety valve
FM-marked	No safety valve
Shape	Straight
Reduction	No safety valve
KIWA certified [NL]	No safety valve
LPCB labeled	No safety valve
Material connection 1	Brass
Material connection 2	Brass
Material quality connection 1	Brass CuZn39Pb3 (CW617N)
Material quality connection 2	Brass CuZn39Pb3 (CW617N)
Max. working pressure at 20°C (PN)	16 bar
With drain valve	No safety valve
With internal stop edge	No safety valve
With protective cap/plug	No safety valve
Media temperature (continuous)	-10-120 °C
System bound	No safety valve
UL-labeled	No safety valve
ULC-labeled	No safety valve
VdS marked	No safety valve
Surface protection connection 1	Untreated
Surface protection connection 2	Untreated
Certified according to NF 545	No safety valve
With thermal insulation	No safety valve
Eccentric	No safety valve
KOMO certified	No safety valve
With connection indication	No safety valve
With venting valve/bleeder	No safety valve

Article No	Designation	Unit
5029010V	Quick coupling	ST

Pressure gauge kit with check valve coupling, a-collection

Pressure gauge 0-6bar, 63mm body, complete with check valve coupling



Technical Data

Connection	External thread G, cylindrical (ISO 228-1)
Connection location	Bottom/Below
Diameter of housing/enclosure	63 mm
Process connection dimension	3/8"
Window material	Window glass
Material housing/enclosure/frame	Steel (nominal diameter)

Article No	Designation	Unit
5029011	Pressure gauge kit	ST