



KINGMARK

“ HVAC system, manufacture expert ”



Catalog



www.kingmark.com

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A large, stylized globe in the background, composed of many thin, parallel lines that create a textured, wireframe effect. The globe is centered and occupies most of the page.

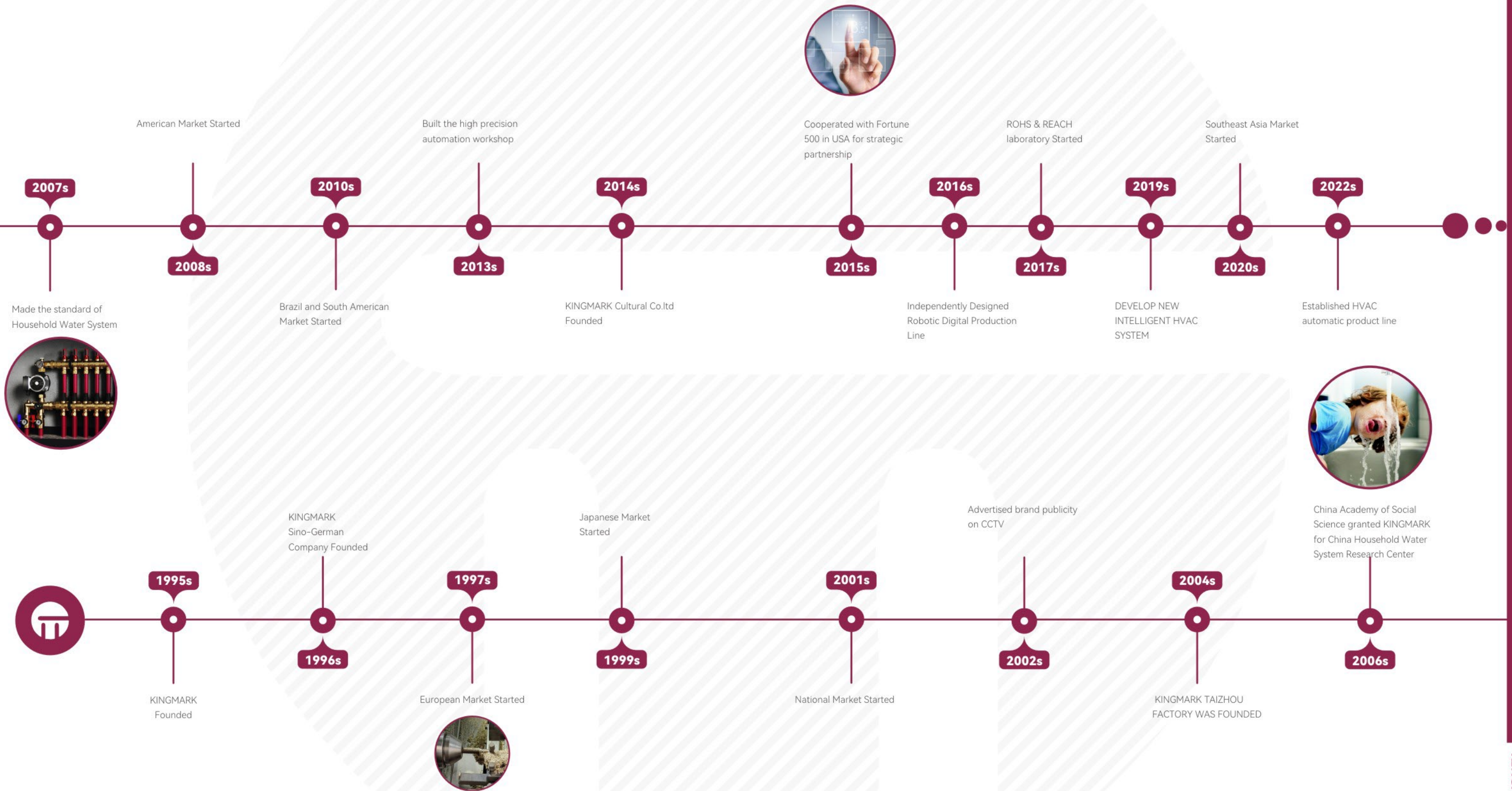
We are
CREATING
A WARM WORLD

About KINGMARK

KINGMARK was established in the year of 1995, we are a well-famed manufacturer. KINGMARK got ISO9001 certificate, CE certificates and pass the tests of Rohs & Reach, we perform all process including production and QC as these systems to keep the excellent quality of our products.

KINGMARK is specialized in producing and designing HVAC products, valves, cocks and fittings for gas, oils, fuels, alcohol, varnish, paints, solvents, emulsions, water, air and many other fluids area. Our products cover industrial, irrigation, plumbing, heating and air conditioning markets with its various product range which also distribute in the industrialized countries among the whole world. Due to the precise craft, reliable quality and reasonable prices, our products obtained great reputation among our customers, beside, we also have the worldwide advanced producing equipments and testing machines to ensure the quality of our products and meet the requirement of all the customers.

Our History



KINGMARK

“ HVAC system, manufacture expert ”

FORGING

The advanced forging equipment and technology.
It is made of high-quality brass bar by hot extrusion, with uniform texture and no leakage.



KINGMARK

“High Precision Machining”

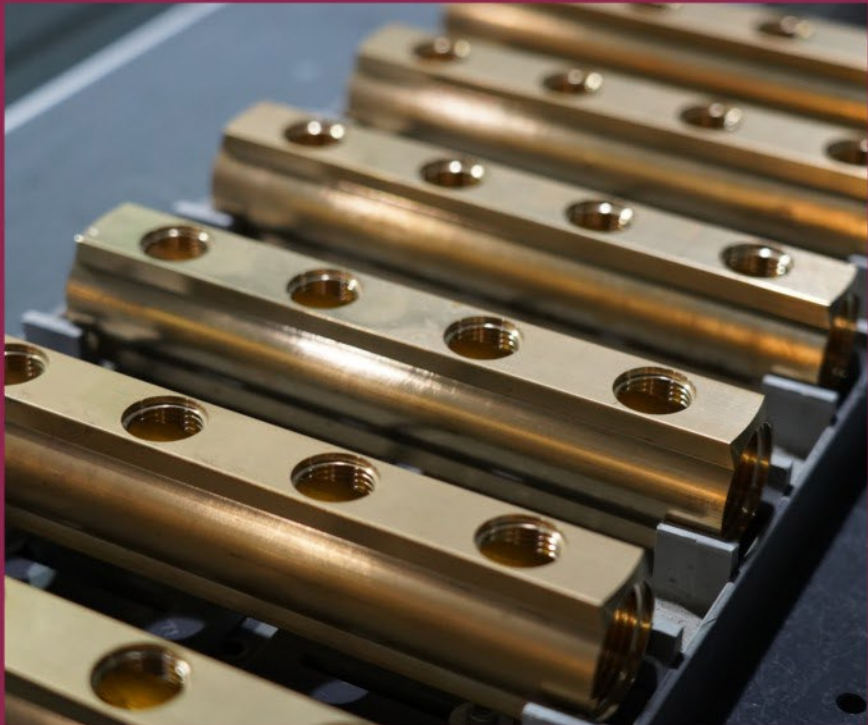
THE QUALITY AS CHOICE OF LIFE

We firmly believe that there is no quality guarantee, no customer trust. Only manufacturing the products with high precision dimensions and inspecting the products in strict accordance with international standards, keeping the excellent quality products.



High efficiency production capacity

Quality , innovation and reliability are rooted in our mind. Our technologies and products can be trusted to push the boundaries for what is possible, deliver exceptional performance and satisfy the real needs of our customers.



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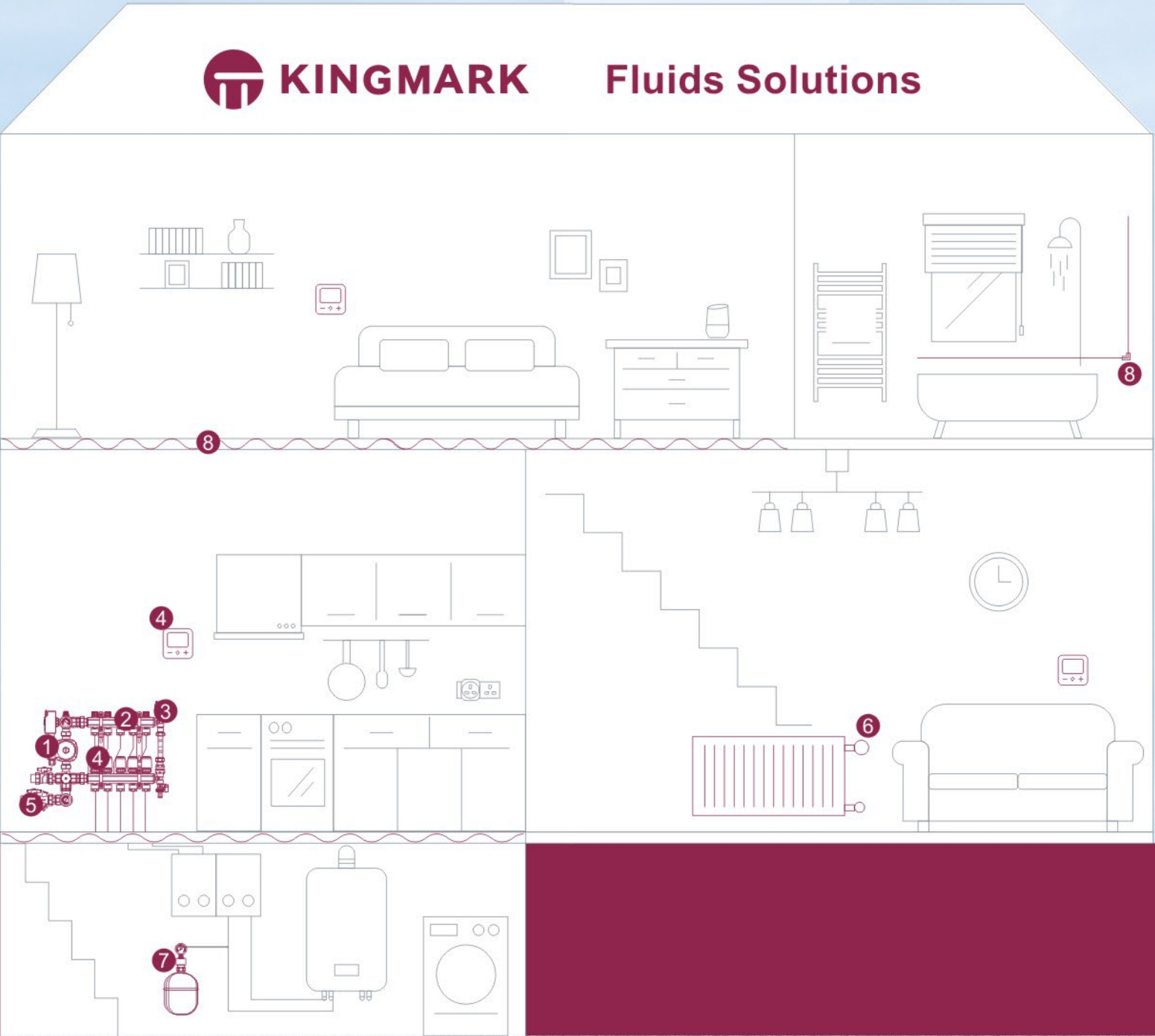
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Radiator system



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 **SMART HOME**





FLOOR HEATING SYSTEM

Floor heating system

The radiant heat transfer applied in floor heating can evenly distribute heat, and it is one of the most efficient residential heating systems.

When using air conditioners or traditional radiators, due to uneven heating, there may be significant differences in temperature across the room. The floor heating system can transfer heat evenly to the whole floor, thus avoid the problems and create a clean and healthy environment. There is slight air flow in the floor heating system which can reduce and limit dust circulation, and can create a hypoallergenic environment for patients with allergies and asthma. Radiation heat transfer can evenly distribute heat, and the temperature required at the end is low. Comparing with air conditioning or traditional radiator systems, the air will not become too dry, thus avoid dry skin. In addition, the water pipes are installed under the floor system, which has no impact on the interior design of home decoration.



MIXTURE SYSTEM



Mixture Center

K-1001

SIZE
1"

Technical Specification

1. Material : Brass
2. Maximum working pressure:10bar
3. Working temperature: 0 to 90℃



Mixture Center

K-1002

SIZE
1"

Technical Specification

1. Material : Brass
2. Maximum working pressure:10bar
3. Working temperature: 0 to 90℃



Mixture Center

K-1003

SIZE
1"

Technical Specification

1. Material : Brass
2. Maximum working pressure:10bar
3. Working temperature: 0 to 90℃



Mixture Center

K-1004

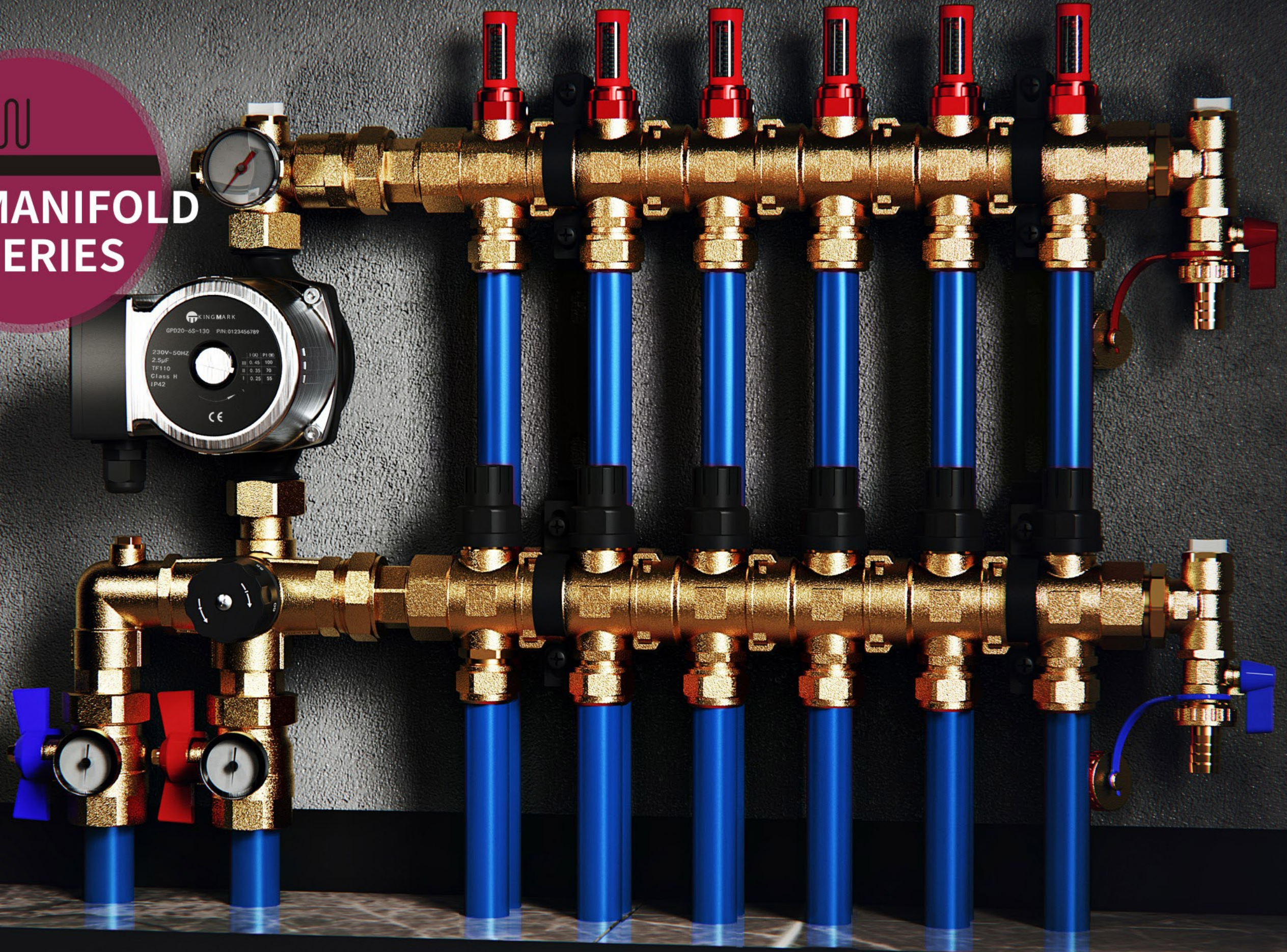
SIZE
1"

Technical Specification

1. Material : Brass
2. Maximum working pressure:10bar
3. Working temperature: 0 to 90℃



MANIFOLD SERIES





304 S.S. Manifolds

Technical Specification

- 1.Material: 304 S.S.
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90°C
- 5.Thread connection:ISO228

K-2101

ITEM NO.	PRODUCT	SIZE
K-210102	2 circuit UFH manifolds	1",11/4"
K-210103	3 circuit UFH manifolds	1",11/4"
K-210104	4 circuit UFH manifolds	1",11/4"
K-210105	5 circuit UFH manifolds	1",11/4"
K-210106	6 circuit UFH manifolds	1",11/4"
K-210107	7 circuit UFH manifolds	1",11/4"
K-210108	8 circuit UFH manifolds	1",11/4"
K-210109	9 circuit UFH manifolds	1",11/4"
K-210110	10 circuit UFH manifolds	1",11/4"
K-210111	11 circuit UFH manifolds	1",11/4"
K-210112	12 circuit UFH manifolds	1",11/4"
K-210113	13 circuit UFH manifolds	1",11/4"



304 S.S. Manifolds

Technical Specification

- 1.Material: 304 S.S.
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90°C
- 5.Thread connection:ISO228

K-2105

ITEM NO.	PRODUCT	SIZE
K-210502	2 circuit UFH manifolds	1"
K-210503	3 circuit UFH manifolds	1"
K-210504	4 circuit UFH manifolds	1"
K-210505	5 circuit UFH manifolds	1"
K-210506	6 circuit UFH manifolds	1"
K-210507	7 circuit UFH manifolds	1"
K-210508	8 circuit UFH manifolds	1"
K-210509	9 circuit UFH manifolds	1"
K-210510	10 circuit UFH manifolds	1"
K-210511	11 circuit UFH manifolds	1"
K-210512	12 circuit UFH manifolds	1"



304 S.S. Manifolds

Technical Specification

- 1.Material: 304 S.S.
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90°C
- 5.Thread connection:ISO228

K-2102

ITEM NO.	PRODUCT	SIZE
K-210202	2 circuit UFH manifolds	1",11/4"
K-210203	3 circuit UFH manifolds	1",11/4"
K-210204	4 circuit UFH manifolds	1",11/4"
K-210205	5 circuit UFH manifolds	1",11/4"
K-210206	6 circuit UFH manifolds	1",11/4"
K-210207	7 circuit UFH manifolds	1",11/4"
K-210208	8 circuit UFH manifolds	1",11/4"
K-210209	9 circuit UFH manifolds	1",11/4"
K-210210	10 circuit UFH manifolds	1",11/4"
K-210211	11 circuit UFH manifolds	1",11/4"
K-210212	12 circuit UFH manifolds	1",11/4"
K-210213	13 circuit UFH manifolds	1",11/4"



304 S.S. Manifolds

Technical Specification

- 1.Material: 304 S.S.
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90°C
- 5.Thread connection:ISO228

K-2107

ITEM NO.	PRODUCT	SIZE
K-210702	2 circuit UFH manifolds	1"
K-210703	3 circuit UFH manifolds	1"
K-210704	4 circuit UFH manifolds	1"
K-210705	5 circuit UFH manifolds	1"
K-210706	6 circuit UFH manifolds	1"
K-210707	7 circuit UFH manifolds	1"
K-210708	8 circuit UFH manifolds	1"
K-210709	9 circuit UFH manifolds	1"
K-210710	10 circuit UFH manifolds	1"
K-210711	11 circuit UFH manifolds	1"
K-210712	12 circuit UFH manifolds	1"



304 S.S. Manifolds

Technical Specification

- 1.Material: 304 S.S.
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90°C
- 5.Thread connection:ISO228

K-2104

ITEM NO.	PRODUCT	SIZE
K-210402	2 circuit UFH manifolds	1"
K-210403	3 circuit UFH manifolds	1"
K-210404	4 circuit UFH manifolds	1"
K-210405	5 circuit UFH manifolds	1"
K-210406	6 circuit UFH manifolds	1"
K-210407	7 circuit UFH manifolds	1"
K-210408	8 circuit UFH manifolds	1"
K-210409	9 circuit UFH manifolds	1"
K-210410	10 circuit UFH manifolds	1"
K-210411	11 circuit UFH manifolds	1"
K-210412	12 circuit UFH manifolds	1"



304 S.S. Manifolds

Technical Specification

- 1.Material: 304 S.S.
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90°C
- 5.Thread connection:ISO228

K-2108

ITEM NO.	PRODUCT	SIZE
K-210802	2 circuit UFH manifolds	1"
K-210803	3 circuit UFH manifolds	1"
K-210804	4 circuit UFH manifolds	1"
K-210805	5 circuit UFH manifolds	1"
K-210806	6 circuit UFH manifolds	1"
K-210807	7 circuit UFH manifolds	1"
K-210808	8 circuit UFH manifolds	1"
K-210809	9 circuit UFH manifolds	1"
K-210810	10 circuit UFH manifolds	1"
K-210811	11 circuit UFH manifolds	1"
K-210812	12 circuit UFH manifolds	1"



Brass Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90 °C
- 5.Thread connection:ISO228

K-2001

ITEM NO.	PRODUCT	SIZE
K-200102	2 circuit UFH manifolds	1"
K-200103	3 circuit UFH manifolds	1"
K-200104	4 circuit UFH manifolds	1"
K-200105	5 circuit UFH manifolds	1"
K-200106	6 circuit UFH manifolds	1"
K-200107	7 circuit UFH manifolds	1"
K-200108	8 circuit UFH manifolds	1"
K-200109	9 circuit UFH manifolds	1"
K-200110	10 circuit UFH manifolds	1"
K-200111	11 circuit UFH manifolds	1"
K-200112	12 circuit UFH manifolds	1"



Brass Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90 °C
- 5.Thread connection:ISO228

K-2010

ITEM NO.	PRODUCT	SIZE
K-201002	2 circuit UFH manifolds	1"
K-201003	3 circuit UFH manifolds	1"
K-201004	4 circuit UFH manifolds	1"
K-201005	5 circuit UFH manifolds	1"
K-201006	6 circuit UFH manifolds	1"
K-201007	7 circuit UFH manifolds	1"
K-201008	8 circuit UFH manifolds	1"



Brass Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90 °C
- 5.Thread connection:ISO228

K-2002

ITEM NO.	PRODUCT	SIZE
K-200202	2 circuit UFH manifolds	1"
K-200203	3 circuit UFH manifolds	1"
K-200204	4 circuit UFH manifolds	1"
K-200205	5 circuit UFH manifolds	1"
K-200206	6 circuit UFH manifolds	1"
K-200207	7 circuit UFH manifolds	1"
K-200208	8 circuit UFH manifolds	1"
K-200209	9 circuit UFH manifolds	1"
K-200210	10 circuit UFH manifolds	1"
K-200211	11 circuit UFH manifolds	1"
K-200212	12 circuit UFH manifolds	1"



Brass Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90 °C
- 5.Thread connection:ISO228

K-2011

ITEM NO.	PRODUCT	SIZE
K-201102	2 circuit UFH manifolds	1"
K-201103	3 circuit UFH manifolds	1"
K-201104	4 circuit UFH manifolds	1"
K-201105	5 circuit UFH manifolds	1"
K-201106	6 circuit UFH manifolds	1"
K-201107	7 circuit UFH manifolds	1"
K-201108	8 circuit UFH manifolds	1"



Brass Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90 °C
- 5.Thread connection:ISO228

K-2008

ITEM NO.	PRODUCT	SIZE
K-200802	2 circuit UFH manifolds	1"
K-200803	3 circuit UFH manifolds	1"
K-200804	4 circuit UFH manifolds	1"
K-200805	5 circuit UFH manifolds	1"
K-200806	6 circuit UFH manifolds	1"
K-200807	7 circuit UFH manifolds	1"
K-200808	8 circuit UFH manifolds	1"



Brass Manifolds

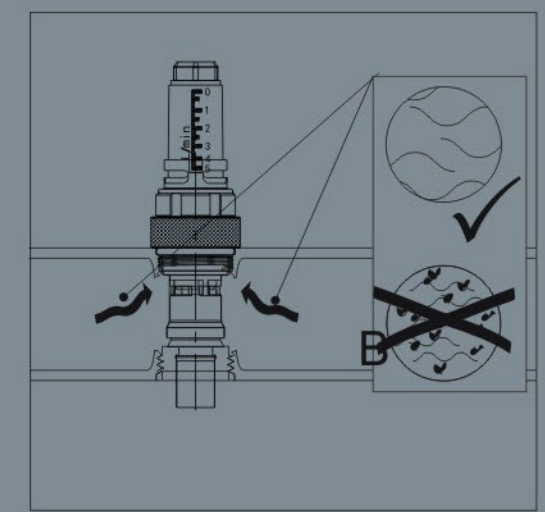
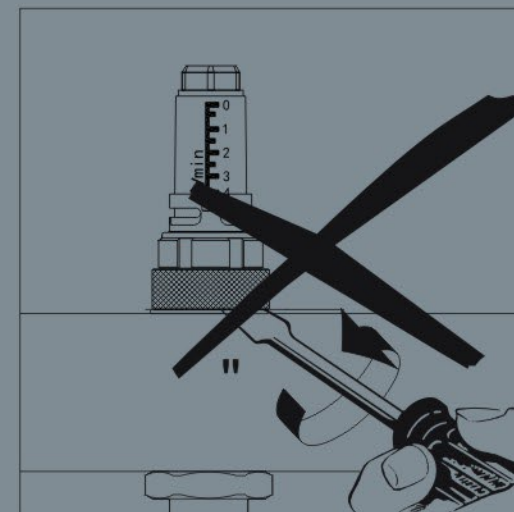
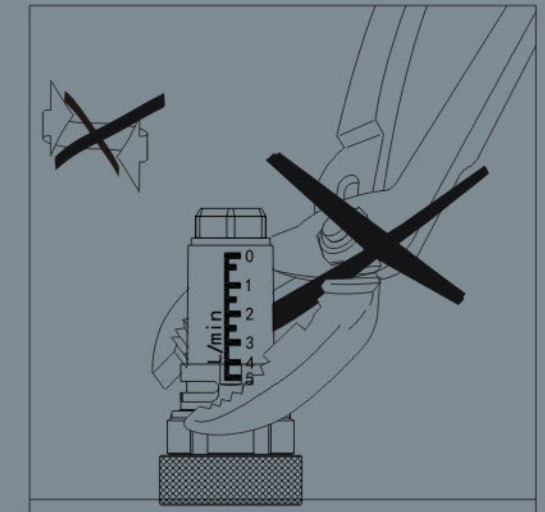
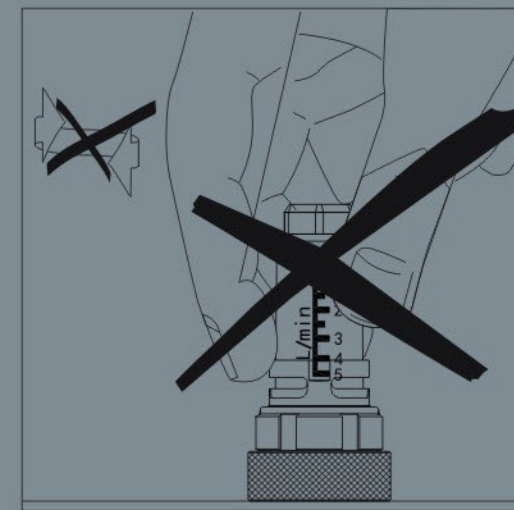
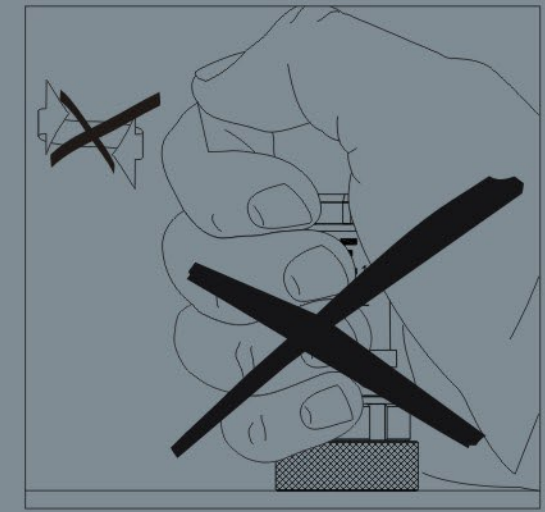
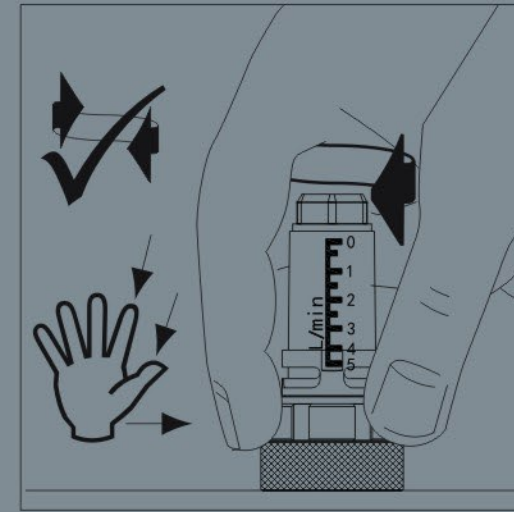
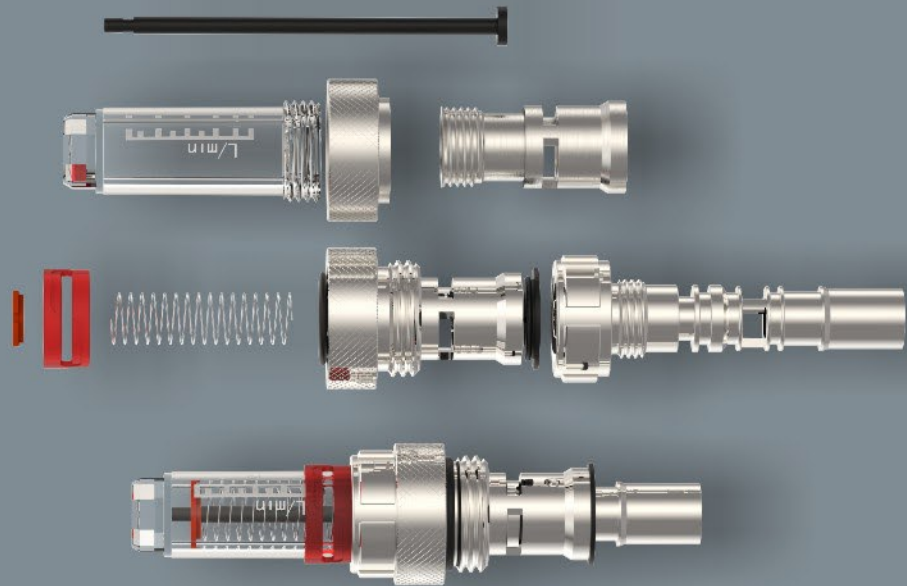
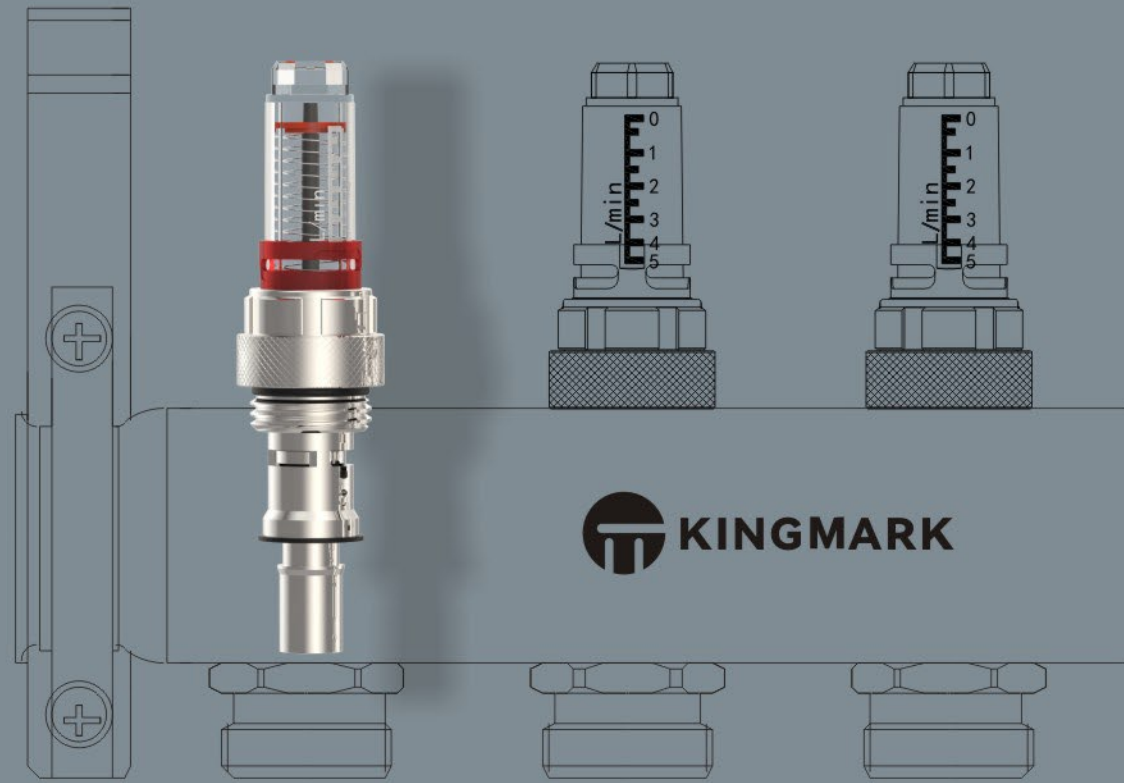
Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water, Non-corrosive liquid, Saturated vapor
- 4.Working temperature: 0 to 90 °C
- 5.Thread connection:ISO228

K-2025

ITEM NO.	PRODUCT	SIZE
K-202502	2 circuit UFH manifolds	1"
K-202503	3 circuit UFH manifolds	1"
K-202504	4 circuit UFH manifolds	1"
K-202505	5 circuit UFH manifolds	1"
K-202506	6 circuit UFH manifolds	1"
K-202507	7 circuit UFH manifolds	1"
K-202508	8 circuit UFH manifolds	1"
K-202509	9 circuit UFH manifolds	1"
K-202510	10 circuit UFH manifolds	1"
K-202511	11 circuit UFH manifolds	1"
K-202512	12 circuit UFH manifolds	1"

Flowmeter - removal precautions





Brass Supply Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

K-2201

ITEM NO.	PRODUCT	SIZE
K-220102	2 circuit UFH manifolds	3/4", 1"
K-220103	3 circuit UFH manifolds	3/4", 1"
K-220104	4 circuit UFH manifolds	3/4", 1"
K-220105	5 circuit UFH manifolds	3/4", 1"
K-220106	6 circuit UFH manifolds	3/4", 1"



Brass Supply Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

K-2202

ITEM NO.	PRODUCT	SIZE
K-220202	2 circuit UFH manifolds	3/4", 1"
K-220303	3 circuit UFH manifolds	3/4", 1"
K-220404	4 circuit UFH manifolds	3/4", 1"
K-220505	5 circuit UFH manifolds	3/4", 1"
K-220606	6 circuit UFH manifolds	3/4", 1"



Brass Supply Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

K-2203

ITEM NO.	PRODUCT	SIZE
K-220302	2 circuit UFH manifolds	1"
K-220303	3 circuit UFH manifolds	1"
K-220304	4 circuit UFH manifolds	1"
K-220305	5 circuit UFH manifolds	1"
K-220306	6 circuit UFH manifolds	1"
K-220307	5 circuit UFH manifolds	1"
K-220308	6 circuit UFH manifolds	1"



Brass Supply Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

K-2204

ITEM NO.	PRODUCT	SIZE
K-220402	2 circuit UFH manifolds	3/4", 1"
K-220403	3 circuit UFH manifolds	3/4", 1"
K-220404	4 circuit UFH manifolds	3/4", 1"
K-220405	5 circuit UFH manifolds	3/4", 1"
K-220406	6 circuit UFH manifolds	3/4", 1"



Brass Supply Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

K-2205

ITEM NO.	PRODUCT	SIZE
K-220502	2 circuit UFH manifolds	3/4", 1"
K-220503	3 circuit UFH manifolds	3/4", 1"
K-220504	4 circuit UFH manifolds	3/4", 1"
K-220505	5 circuit UFH manifolds	3/4", 1"
K-220506	6 circuit UFH manifolds	3/4", 1"



Brass Supply Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

K-2206

ITEM NO.	PRODUCT	SIZE
K-220602	2 circuit UFH manifolds	3/4", 1"
K-220603	3 circuit UFH manifolds	3/4", 1"
K-220604	4 circuit UFH manifolds	3/4", 1"
K-220605	5 circuit UFH manifolds	3/4", 1"
K-220606	6 circuit UFH manifolds	3/4", 1"



Brass Supply Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

K-2207

ITEM NO.	PRODUCT	SIZE
K-220702	2 circuit UFH manifolds	3/4", 1"
K-220703	3 circuit UFH manifolds	3/4", 1"
K-220704	4 circuit UFH manifolds	3/4", 1"
K-220705	5 circuit UFH manifolds	3/4", 1"
K-220706	6 circuit UFH manifolds	3/4", 1"



Brass Supply Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

K-2208

SIZE
3/8"



Brass Supply Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

K-2209

SIZE
3/4"



Brass Supply Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

K-2210

SIZE
3/4"



Brass Supply Manifolds

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

K-2211

SIZE
3/8"



Flowmeter

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 80°C
- 5.Size:1/2"
- 6.Thread connection: ISO228
- 7.Flow rate: 0-5L/min

K-5001

SIZE
1/2"



Flowmeter

Technical Specification

- 1.Material: Aluminium
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 80°C
- 5.Size:1/2"
- 6.Thread connection: ISO228
- 7.Flow rate: 0-5L/min

K-5002A

SIZE
1/2"



Flowmeter

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 80°C
- 5.Size:1/2"
- 6.Thread connection: ISO228
- 7.Flow rate: 0-5L/min

K-5002B

SIZE
1/2"



Flowmeter

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 80°C
- 5.Size:1/2"
- 6.Thread connection: ISO228
- 7.Flow rate: 0-5L/min

K-5003

SIZE
1/2"



Thermostatic inner core

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 90°C
- 5.Thread connection:ISO228

K-5004

SIZE
1/2"



Brass Adaptor

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection: ISO228

K-5007

SIZE
16 x 2.0
20 x 2.0



Brass Adaptor

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection: ISO228

K-5008

SIZE
3/8"
5/8"
1/2"
3/4"



Female Plug

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection: ISO228

K-5010

SIZE
3/4"
1"
1 1/4"



Male Plug

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection: ISO228

K-5011

SIZE
1"
1 1/4"



End Unit With By-Pss Valve

K-3109

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -10 to 110°C
- 5.Thread connection:ISO228

SIZE

1"



End Unit With By-Pss Valve

K-3110

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -10 to 110°C
- 5.Thread connection:ISO228

SIZE

1"



End Unit

K-3101

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -10 to 100°C
- 5.Thread connection:ISO228

SIZE

1"



End Unit

K-3102

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -10 to 110°C
- 5.Thread connection:ISO228

SIZE

1"



End Unit

K-3103

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -10 to 100°C
- 5.Thread connection:ISO228

SIZE

1"

11/4"



End Unit

K-3104

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -10 to 110°C
- 5.Thread connection:ISO228

SIZE

1"



End Unit

K-3105

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -10 to 110°C
- 5.Thread connection:ISO228

SIZE

1"



Drain Valve

K-3106

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

SIZE

1/2"



Drain Valve

K-3107

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

SIZE

1/2"

ROOM TEMPERATURE CONTROLLER SERIES

Independent room temperature control brings comfort

This series of LCD intelligent temperature controller is applicable to the control of floor heating and water heating. This product adopts the imported single-chip microcomputer control technology to collect the indoor temperature, compare it with the set temperature, and control the switch of the valve to achieve the purpose of indoor constant temperature. This product can not only set the indoor temperature manually, but also control the temperature by manual switch, automatic temperature control and time-phased timing control.



Control simply
and convenient



Energy
conservation
20%



Control
time

Fashion:

Flexible and simple operation, large screen backlight, high-end display, complete display information, concise and clear.

Energy efficiency:

Accurate control based on electronic basis. It can effectively avoid excessive energy consumption.

Intelligent technology:

With advanced digital control system, keep the temperature before you arrive at home and adjust the room temperature to the best state.



K-4003 Thermostat

Technical Specification

- 1.Power source :AC220V 50/60Hz
- 2.Maximum load electric current : 3A/250VAC
- 3.Room temperature setting range: 5°C-35°C
- 4.Accuracy: 0.1°C
- 5.Working environment temperature: 0°C- 50°C
- 6.Floor protect temperature : 20°C-45°C
- 7.The storage temperature: -10°C- 60°C

Mixed heating system for high temperature radiator and low temperature floor heating

Adapt to narrow space

Superior performance, temperature control range up to $\pm 2^{\circ}\text{C}$



K-4001 Central Controller

Technical Specification

1. Power supply : 100 ~ 240VAC 50/60Hz
2. Maximum total current: 250VAC 10A
3. Working temperature: -20°C-60°C
4. Storage temperature: 20°C-70°C



K-4002 Central Controller

Technical Specification

1. Power supply: 100-240VAC 50/60H
2. Maximum total current: 250VAC 10A
3. Working temperature: -20°C-60°C
4. Storage temperature: 20°C-70°C



K-4004 Thermostat

Technical Specification

1. Power source : AC220V 50/60Hz
2. Maximum load electric current : 3A/250VAC
3. Room temperature setting range: 5°C-35°C
4. Accuracy: 0.1°C
5. Working environment temperature: 0°C- 50°C
6. Floor protect temperature : 20°C-45°C
7. The storage temperature: -10°C- 60°C



K-4005 Thermostat

Technical Specification

1. Power source : AC220V 50/60Hz
2. Maximum load electric current : 3A/250VAC
3. Room temperature setting range: 5°C-35°C
4. Accuracy: 0.1°C
5. Working environment temperature: 0°C- 50°C
6. Floor protect temperature : 20°C-45°C
7. The storage temperature: -10°C- 60°C



ACTUATOR SERIES

Low energy consumption, safe and waterproof

The actuator is an electric actuator used for collecting and distributing branch valves, small valves and auto-balancing valves, and is the electric drive part of the control valves. It can be used for the opening and closing control of small valves, PDM executive control in water heating system, two-position control and stability control of closed loop valves of central air-conditioning water system. The actuator is directly installed on the return loop of the manifolds or thermostatic valves in the water heating system. When the actuator is powered off, the valve will be closed.

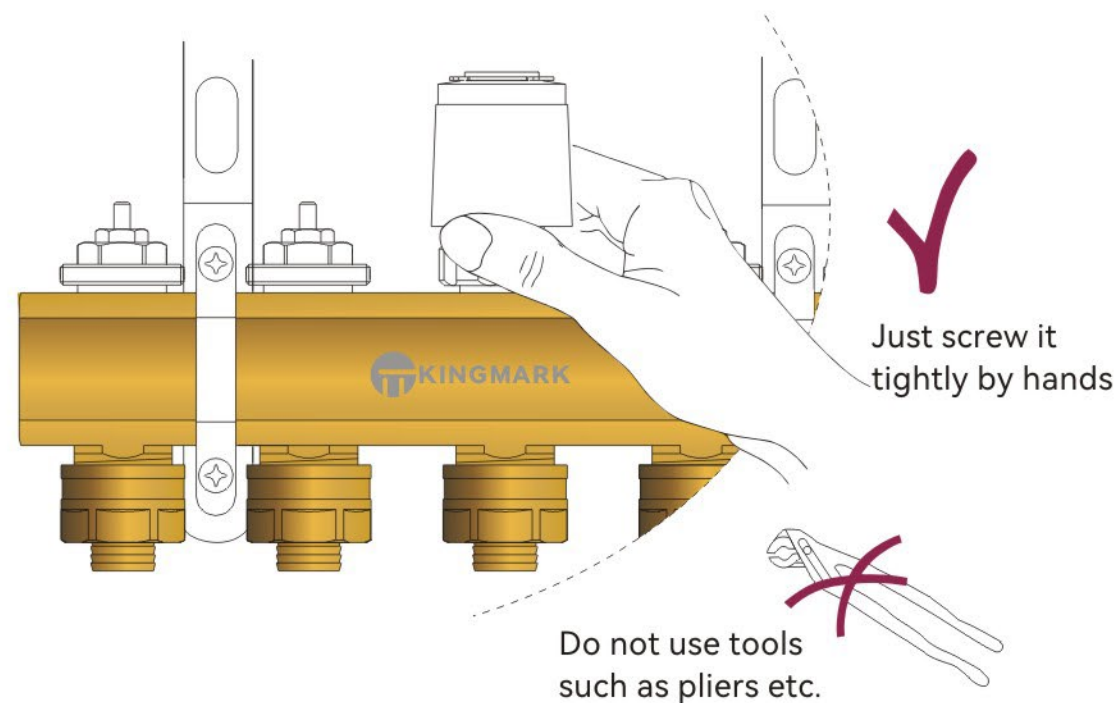
APPLICATION:

Return loop of intelligent manifolds



DESIGN CONCEPT:

Necessary products for precise temperature control in different rooms. Start key of auxiliary control mode, avoid long pressure and prevent valve core from jamming.



K-4101 Actuator

Technical Specification

- 1.Opera.voltage :230 V AC 50/60 Hz
- 2.Power cons.:2 W
- 3.Switch-on curr.:Max.300 mA
- 4.Protection:Class II Ip54
- 5.Storage temp.:~25°C~65°C
- 6.Rel.Humidity:Max.80% non condensing
- 7.Size: M30x1.5



K-4102 Actuator

Technical Specification

- 1.Opera.voltage :230 V AC 50/60 Hz
- 2.Power cons.:2 W
- 3.Switch-on curr.:Max.300 mA
- 4.Protection:Class II Ip54
- 5.Storage temp.:~25°C~65°C
- 6.Rel.Humidity:Max.80% non condensing
- 7.Size: M30x1.5



K-4103 Actuator

Technical Specification

- 1.Opera.voltage :230 V AC 50/60 Hz
- 2.Power cons.:2 W
- 3.Switch-on curr.:Max.300 mA
- 4.Protection:Class II Ip54
- 5.Storage temp.:~25°C~65°C
- 6.Rel.Humidity:Max.80% non condensing
- 7.Size: M30x1.5



K-4104 Actuator

Technical Specification

- 1.Opera.voltage :230 V AC 50/60 Hz
- 2.Power cons.:3 W
- 3.Switch-on curr.:Max.250mA
- 4.Protection:Class II IP42
- 5.Storage temp.:~25°C~65°C
- 6.Rel.Humidity:Max.80% non condensing
- 7.Size: M30x1.5



K-4105 Actuator

Technical Specification

- 1.Opera.voltage :230 V AC 50/60 Hz
- 2.Power cons.:2 W
- 3.Switch-on curr.:Max.300 mA
- 4.Protection:Class II Ip54
- 5.Storage temp.:~25°C~65°C
- 6.Rel.Humidity:Max.80% non condensing
- 7.Size: M30x1.5



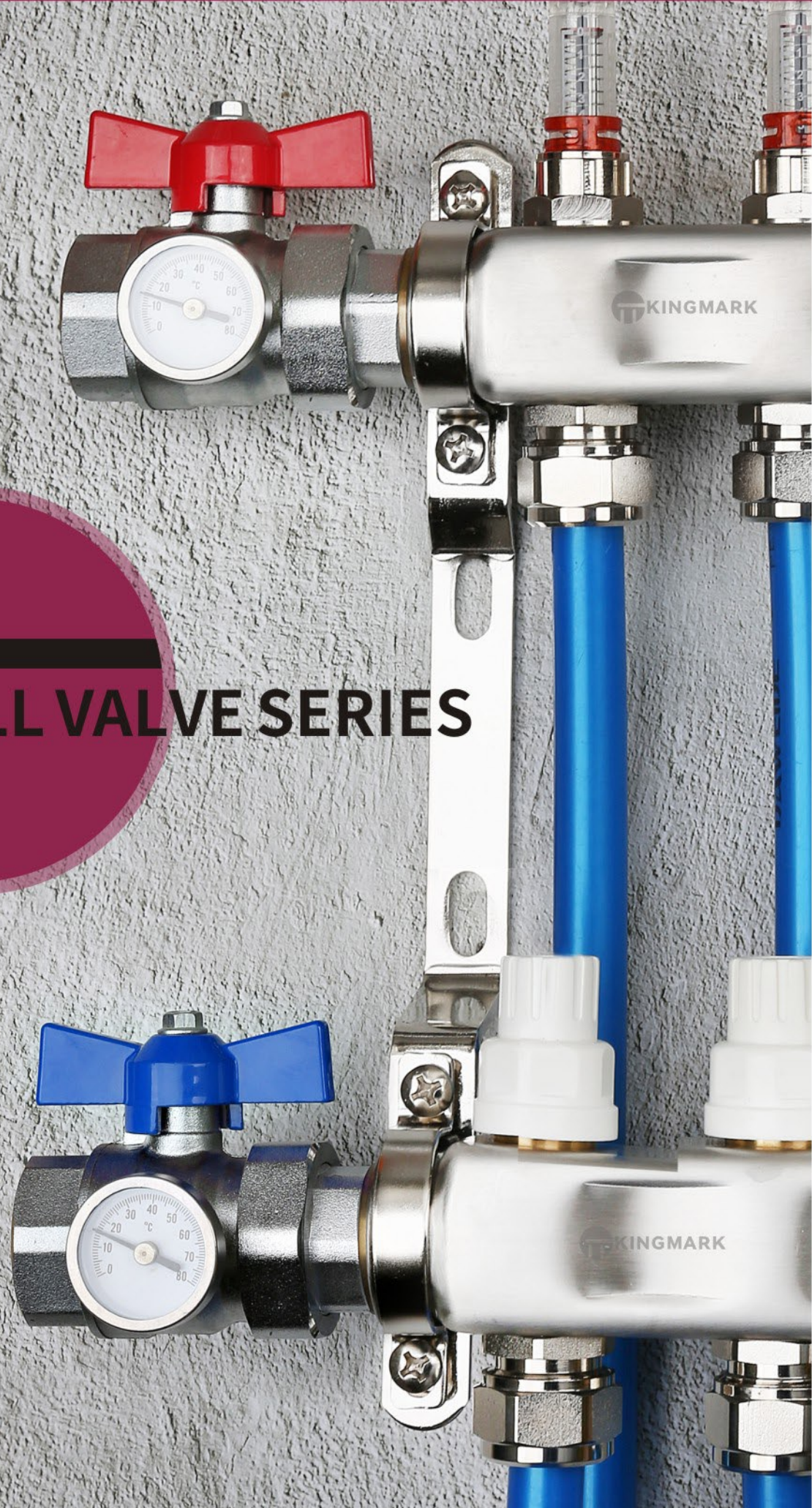
K-4106 Actuator

Technical Specification

- 1.Opera.voltage :24VAC
- 2.Power cons.:3 W
- 3.Switch-on curr.:250mA
- 4.Protection:Class II IP42
- 5.Storage temp.:~25°C~65°C
- 6.Rel.Humidity:Max.80% non condensing
- 7.Size: M30x1.5



BALL VALVE SERIES



BRASS BALL VALVE SERIES

The ball valve is evolved from the cock. It's opening and closing part is a ball. The ball rotates 90° around the axis of the valve rod to achieve the purpose of opening and closing. Ball valve is mainly used to cut off distribute and change the flow direction of medium on the pipeline.

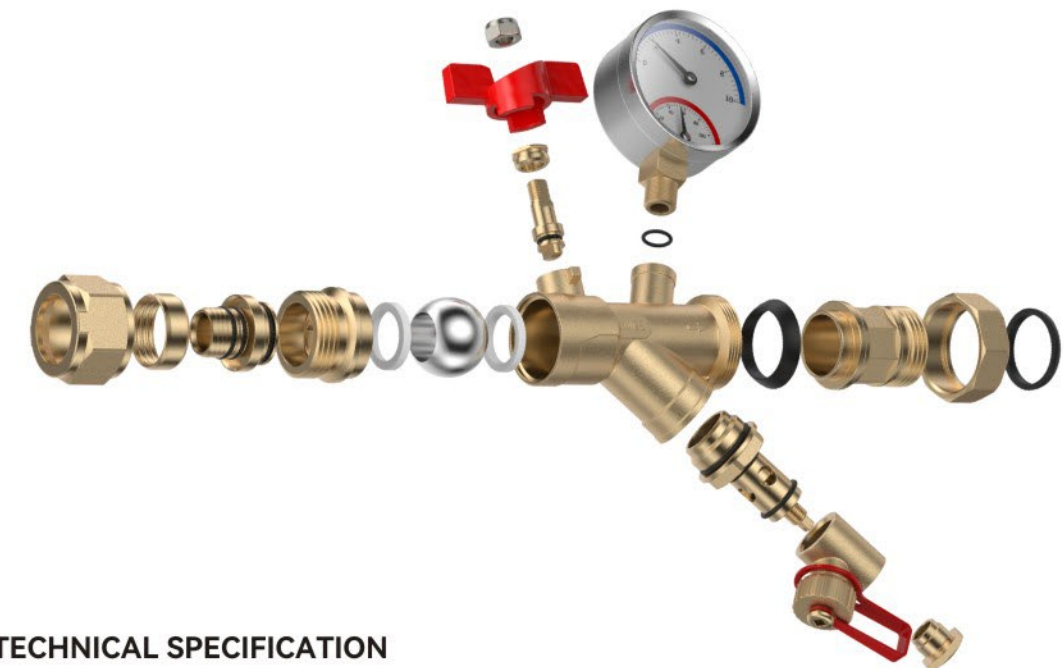
APPLICATION:

Front or end of water system



PRODUCT ADVANTAGES:

- With extremely low flow resistance (approximately zero)
- Fully sealed
- Convenient operation, open and close quickly



TECHNICAL SPECIFICATION

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 110°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3001

SIZE
3/4"
1"

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228



Brass Ball Valve

K-3002

SIZE
1"

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228



Brass Ball Valve

K-3002M

SIZE
1"

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228



Brass Ball Valve

K-3003

SIZE
1"

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228



Brass Ball Valve

K-3004

SIZE
1"

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228



Brass Ball Valve

K-3005

SIZE
1"

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228



Brass Ball Valve

K-3006

SIZE
1"X1216
1"X1620

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228



Brass Ball Valve

K-3007

SIZE
1"X1216
1"X1620

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228



Brass Ball Valve

K-3008

SIZE
1"

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228



Brass Ball Valve

K-3010

SIZE
1"X25PPR
1"X32PPR

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228



Brass Ball Valve

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228

K-3011

SIZE
1"X25PPR



Brass Ball Valve

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228

K-3012

SIZE
1"x20
1"x25



Brass Check Ball Valve

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -5 to 100°C
5.Thread connection:ISO228

K-3018

SIZE
1"



Brass Check Ball Valve

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -5 to 100°C
5.Thread connection:ISO228

K-3019

SIZE
1"



Brass Check Ball Valve

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -5 to 100°C
5.Thread connection:ISO228

K-3020

SIZE
1"



Brass Ball Valve

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228

K-3021

SIZE
1/4"
3/8"
1/2 "
3/4"
1"
1 1/4"
1 1/2"
2"
2 1/2"
3"
4"



Brass Ball Valve

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228

K-3022

SIZE
1/4"
3/8"
1/2 "
3/4"
1"



Brass Ball Valve

Technical Specification
1.Material: Brass
2.Maximal pressure: 10bar
3.Working medium: Water
4.Working temperature: -20 to 100°C
5.Thread connection:ISO228

K-3023

SIZE
1/4"
3/8"
1/2 "
3/4"
1"
1 1/4"
1 1/2"
2"



Brass Ball Valve

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228

K-3032

SIZE
1/4"
3/8"
1/2 "
3/4"
1"
1 1/4"
1 1/2"
2"
2 1/2"
3"
4"



Brass Ball Valve

Technical Specification
1.Material: Brass
2.Maximal pressure: 16bar
3.Working medium: Water
4.Working temperature: -20 to 110°C
5.Thread connection:ISO228

K-3033

SIZE
1/4"
3/8"
1/2 "
3/4"
1"
1 1/4"
1 1/2"
2"
2 1/2"
3"
4"



Brass Ball Valve

K-3036

SIZE
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10 bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3037

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10 bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3038

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10 bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3039

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10 bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3040

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3041

SIZE
1/2 "

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3048

SIZE
1/2 "
3/4 "
1 "

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 110°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3049

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3050

SIZE
1/2 "
3/4 "

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3051

SIZE
1/2 "
3/4 "

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228

MINI BALL VALVE SERIES



Mini Ball Valve

K-3042

SIZE
1/4"
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10 bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Mini Ball Valve

K-3043

SIZE
1/4"
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10 bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Mini Ball Valve

K-3044

SIZE
1/4"
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10 bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Mini Ball Valve

K-3045

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10 bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Mini Ball Valve

K-3046

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10 bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Mini Ball Valve

K-3047

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10 bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228

BIBCOCK SERIES



Brass Bibcock

K-3301

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Bibcock

K-3302

SIZE
1/2"
3/4"
1"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Bibcock

K-3308

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Bibcock

K-3309

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Bibcock

K-3310

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Bibcock

K-3427

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Bibcock

K-3428

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Bibcock

K-3429

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Bibcock

K-3430

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Bibcock

K-3431

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Bibcock

K-3432

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Bibcock

K-3433

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Bibcock

K-3434

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Bibcock

K-3435

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Bibcock

K-3436

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Bibcock

K-3437

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Bibcock

K-3438

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Bibcock

K-3439

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Bibcock

K-3440

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228

SIZE
1/2"
3/4"



Brass Angle Valve

K-3401

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3402

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3403

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3404B

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3405

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3406

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3407

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3408

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3409

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3410

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3411

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3412

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3413

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Bibcock

K-3414

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3415

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3416

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3417

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3418

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3419

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3420

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228

Brass Angle Valve

K-3421

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3422

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3423

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3424

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3425

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3426

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Angle Valve

K-3404

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: -5 to 95°C
- 5.Thread connection:ISO228

BOILER DRAIN
VALVE SERIES



Brass Boiler Drain Valve

K-3051

SIZE
1/2"X1620
3/4"X1620

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Boiler Drain Valve

K-3054

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Boiler Drain Valve

K-3052

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Boiler Drain Valve

K-3055

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Boiler Drain Valve

K-3053

SIZE
1/2"X1620
3/4"X1620

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Boiler Drain Valve

K-3056

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Gas Filter

K-3057

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 2bar
- 3.Working medium: Gas
- 4.Working temperature: -15-80°C
- 5.Thread connection:ISO228



Brass Gas Filter

K-3058

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 2bar
- 3.Working medium: Gas
- 4.Working temperature: -15-80°C
- 5.Thread connection:ISO228



Nipple Male

K-3073

SIZE
1/2"
3/4"
1"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water, gas
- 4.Working temperature: -10 to 110°C
- 5.Thread connection:ISO228



Nipple Female / Male

K-3074

SIZE
1/2"
3/4"
1"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.2 MPa
- 3.Working medium: Water
- 4.Working temperature: -20+100°C
- 5.Thread connection:ISO228



Brass Gas Ball Valve

K-3059

SIZE
1/2"
3/4"
1"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Gas Ball Valve

K-3060

SIZE
1/2"
3/4"
1"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Gas Ball Valve

K-3061

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Gas Ball Valve

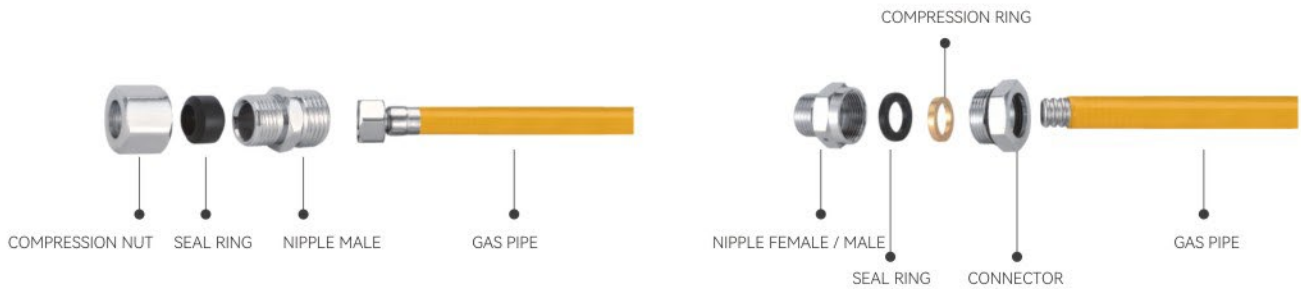
K-3062

SIZE
1/2"
3/4"
1"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228

CONNECTION DIAGRAM OF GAS PIPE JOINT





Brass Mini Gas Ball Valve

K-3063

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3064

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3065

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3066

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3067

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3068

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3069

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3070

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3071

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3072

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3075

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3076

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Mini Gas Ball Valve

K-3077

SIZE
1/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Gas Ball Valve

K-3078

SIZE
1/4"-4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Gas Ball Valve

K-3079

SIZE
1/4"-1"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



RADIATOR SYSTEM

Radiator Connection System

The radiator system is a method of heating in winter. According to the installation of the radiator in the room and then according to the circulating system of boiling water in the radiator, the actual effect of the room heat generation requirement is achieved. The radiator heat removal methods include radiation source heat removal and heat convection heat removal.



Manual Radiator System



Radiator Valve

K-3501

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3502

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3503

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3504

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3505

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3506

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3507

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3508

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Lockshield

K-3509

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Lockshield

K-3510

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Lockshield

K-3511

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Lockshield

K-3512

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Lockshield

K-3513

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Lockshield

K-3514

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Lockshield

K-3515

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Lockshield

K-3516

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228

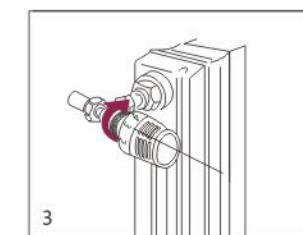
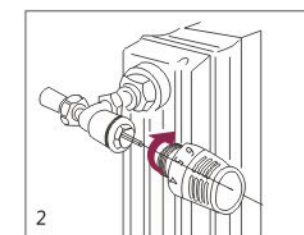
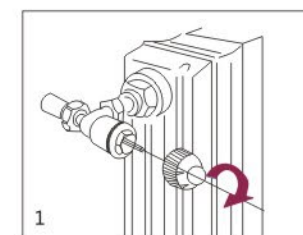
Thermostatic Radiator Valve

THERMOSTATIC RADIATOR VALVE INSTALL INSTRUCTION

Any factor on affecting thermostat testing the temperature indoor are not allowed (example: to install behind the curtain or under sunshine, or radiator is installed on depressed position of wall.), and it should be convenient to close to adjust button (such as radiator shield).

To install thermostat doesn't need any pipeline connecting, and which could be operated under the system working, the detail install step as below:

- 1) Dismount the shield or button from the valve;
 - 2) If need, to preset according to the design instruction or to select right position of the corresponding marking;
 - 3) To keep the thermostat full open and close to valve body, meanwhile to keep the reference indicator clear;
 - 4) To tighten the nickel plated circle screw nut by hand, until to the end.
- ★ To install the thermostat in vertical position is not allowed.



K-4201



K-4202



K-4203



K-4204

TECHNICAL DATA

Max. Admissible static pressure	10bar
Max. Admissible differential pressure	1bar
Operating temperature rang	6--28 °C
Antifreeze position	6 °C (*)
Normal pressure	16bar
Hysteresis (°C)	< 1K
Installation size	M30*1.5mm



Radiator Valve

K-3517

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3518

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3519

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3520

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3521

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3522

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3523

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3524

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3525

SIZE
3/8"
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Radiator Valve

K-3526

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100 °C
- 5.Thread connection:ISO228



Radiator Valve

K-3527

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100 °C
- 5.Thread connection:ISO228



Radiator Valve

K-3528

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100 °C
- 5.Thread connection:ISO228



Ball Valve

K-3529

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water or no more than 60% glycol
- 4.Working temperature: 0 to 100 °C
- 5.Thread connection:ISO228



Safety Valve Group

Technical Specification

- 1.Brass body
- 2.Sand blast and brass natural colour
- 3.Safety valve 1/2"x1/2" 3 bar
- 4Automatic air vent 3/8"
- 5.Pressure gauge BSP1/4"
- 6.Temperature:110 °C
- 7.Threaded ISO228/1
- 8.100% leak tested

K-3601

SIZE
1"



Safety Valve Group

Technical Specification

- 1.Brass body
- 2.Sand blast and brass natural colour
- 3.Safety valve 1/2"x1/2" 3 bar
- 4Automatic air vent 3/8"
- 5.Pressure gauge BSP1/4"
- 6.Temperature:110 °C
- 7.Threaded ISO228/1
- 8.100% leak tested

K-3602

SIZE
1"



Safety Valve Group

Technical Specification

- 1.Brass body
- 2.Sand blast and brass natural colour
- 3.Safety valve 1/2"x1/2" 3 bar
- 4Automatic air vent 3/8"
- 5.Pressure gauge BSP1/4"
- 6.Temperature:110 °C
- 7.Threaded ISO228/1
- 8.100% leak tested

K-3603

SIZE
1/4"



Safety Valve Group

Technical Specification

- 1.Brass body
- 2.Sand blast and brass natural colour
- 3.Safety valve 1/2"x1/2" 3 bar
- 4Automatic air vent 3/8"
- 5.Pressure gauge BSP1/4"
- 6.Temperature:110 °C
- 7.Threaded ISO228/1
- 8.100% leak tested

K-3604

SIZE
3/4"



Safety Valve

K-3605

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110°C
- 5.Thread connection:ISO228



Safety Valve

K-3606

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110°C
- 5.Thread connection:ISO228



Safety Valve

K-3607

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature:5 to 110°C
- 5.Thread connection:ISO228



Safety Valve

K-3608

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110°C
- 5.Thread connection:ISO228



Safety Valve

K-3609

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110°C
- 5.Thread connection:ISO228



Safety Valve

K-3623

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110°C
- 5.Thread connection:ISO228



Brass Check Valve

K-3624

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Check Valve

K-3625

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 100°C
- 5.Thread connection:ISO228



Brass Check Valve

K-3626

SIZE
1/2"
3/4"
1"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water, gas
- 4.Working temperature: 5 to 95°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3627

SIZE
1/2"
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature:5 to 90°C
- 5.Thread connection:ISO228



Brass Nozzle

K-3801

SIZE
1/4"
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110°C
- 5.Thread connection:ISO228



Brass Nozzle

K-3802

SIZE
1/4"
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature:5 to 110°C
- 5.Thread connection:ISO228



Brass Nozzle

K-3803

SIZE
1/4"
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110°C
- 5.Thread connection:ISO228



Brass Nozzle

K-3804

SIZE
1/4"
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110°C
- 5.Thread connection:ISO228



Brass Nozzle

K-3805

SIZE
1/4"
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110°C
- 5.Thread connection:ISO228



Brass Nozzle

K-3806

SIZE
1/4"
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3628

SIZE
1/2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110°C
- 5.Thread connection:ISO228



Automatic Make-Up Valve

K-3610

SIZE
1/2"

Technical Specification

- 1.Forged brass body
- 2.Sand blast and brass natural colour
- 3.Temperature:0 to 70°C
- 4.Max. inlet pressure: 0.5 to 4bar
- 5.Adjusting outlet pressure: 1.5bar
- 6.Threaded ISO228/1
- 7.100% leak tested
- 8.Available:sizes 1/2"



Static Balance Valve

K-3611

SIZE
1/2"
3/4"
1"
1 1/4"
1 1/2"
2"

Technical Specification

- 1.Forged brass body
- 2.Sand blast and brass natural colour
- 3.Temperature:0 to 90°C
- 4.Maximum inlet pressure:16bar
- 5.Threaded ISO228/1
- 6.100% leak tested



Mixing Valve

K-3612

SIZE
1/2"
3/4"
1"

Technical Specification

- 1.Forged brass body
- 2.Sand blast and chrome plated
- 3.Nominal pressure:Max 10bar
- 4.Temperature:0-100°C
- 5.Threaded ISO228/1
- 6.100%leak tested



Mixing Valve

K-3613

SIZE
1/2"
3/4"
1"

Technical Specification

- 1.Forged brass body
- 2.Sand blast and natural colour
- 3.Nominal pressure:Max 10bar
- 4.Temperature:0-100℃
- 5.Threaded ISO228/1
- 6.100%leak tested



Mixing Valve

K-3615

SIZE
1"

Technical Specification

- 1.Forged brass body
- 2.Nominal pressure:Max 10bar
- 3.Temperature:0-100℃
- 4.Threaded ISO228/1
- 5.100%leak tested



Brass Y Strainer

K-3616

SIZE
1/2"
3/4"
1"
1 1/4"
1 1/2"
2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 16bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 110℃
- 5.Thread connection:ISO228



Brass Check Valve

K-3617

SIZE
1/2"
3/4"
1"
1 1/4"
1 1/2"
2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 110℃
- 5.Thread connection:ISO228



Brass Check Valve

K-3629

SIZE
1/2"
3/4"
1"
1 1/4"
1 1/2"
2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 110℃
- 5.Thread connection:ISO228



Automatic Air Vent

K-3630

SIZE
1/2 "

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 110℃
- 5.Thread connection:ISO228



Brass Check Valve

K-3631

SIZE
1/2"
3/4"
1"
1 1/4"
1 1/2"
2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 110℃
- 5.Thread connection:ISO228



Brass Check Valve

K-3632

SIZE
1/2"
3/4"
1"
1 1/4"
1 1/2"
2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 110℃
- 5.Thread connection:ISO228



Brass Gate Valve

K-3618

SIZE
1/2 "
3/4"
1"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: -20 to 110℃
- 5.Thread connection:ISO228



Brass Check Valve

K-3633

SIZE
1/2"
3/4"
1"
1 1/4"
1 1/2"
2"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 1.5/3/6bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 110℃
- 5.Thread connection:ISO228



Brass Ball Valve

K-3619

SIZE
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3620

SIZE
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature:5 to 90°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3621

SIZE
3/8"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 5 to 90°C
- 5.Thread connection:ISO228



Brass Ball Valve

K-3622

SIZE
3/4"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



Pressure Reducing Valve

K-3634

SIZE
1/2"
3/4"
1"

Technical Specification

- 1.Material: Brass
- 2.Maximal pressure: 10bar
- 3.Working medium: Water
- 4.Working temperature: 0 to 100°C
- 5.Thread connection:ISO228



PIPE SYSTEM



PE-RT Pipe

Product information

PE-RT pipe is a 3 layers extrusion of polyethylene of raised temperature resistance. It is manufactured as follows, Oxygen barrier (EVOH)-Adhesive-PE-RT. The oxygen diffusion barrier encases the inner layer of the PE-RT pipe completely, preventing the entry of oxygen into the heating system via the pipework. The tough outer layer is designed to withstand the rigours of surrounding workloads, ensuring that the oxygen barrier remains intact. This significantly reduces the risk of corrosion within the entire system. This type of pipe is ideal in situations where there is an absolute guarantee that temperature above 70°C cannot be generated. This is cost-competitive pipe and is ideal for all types of installations.

Regular Technical Data:

General		Mechanical Properties	
pipe range nominal dimensions	16mm OD 2mm wall thickness	Composition	EVOH PERT
		Bending radius	≥ 8D
Color	Natural	Oxygen permeability	≤ 0.32mg/(m·d)
Maximum temporary peak temperature	70°C	Thermal conductivity	0.40w/m·k
Maximum temporary peak pressure	6 bar	Standards	
construction 3 layer	EVOH-adhesive-PE-RT	Manufacturing	EN ISO 21003

PE-RT Outer Layer:

PE-RT, protects the aluminum core from expansion as it can withstand high temperatures whilst maintaining its strength.

Adhesive Layer:

This special high adhesion layer, is extensively tested. Permanently bonds the PE-RT layer with the aluminum core.

Aluminum Layer:

Thin layer of aluminum which prevents oxygen leaking in to the pipe, therefore significantly reducing corrosion of metal components.

Adhesive Layer:

This special high adhesion layer, is extensively tested. Permanently bonds the PE-RT layer with the aluminum core.

PE-RT Inner layer:

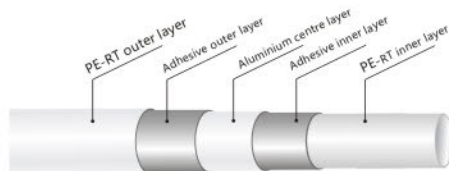
Inner layer of clear, smooth PE-RT. Preventing pressure drops from water flow, and preventing deposit accumulation and corrosion.

Features:

- 1 Five layer composite pipe using PE-RT inner and outer layers with a 0.25mm thick edge-welded aluminium core.
- 2 Butt welded manufacturing method
- 3 Can be formed by hand and maintains its shape-perfect for underfloor heating pipework.
- 4 High Temperature Resistance: the maximum sustained working temperature is up to 70 degree celsius; the maximum transient temperature is up to 85 degree celsius.



PERT-AL-PERT Pipe



SLIDING FITTINGS



K-3701



K-3702



k-3703



K-3704



K-3705



K-3706



K-3707



K-3708



K-3709



K-3710



K-3711



K-3712

PRESS FITTINGS



K-3713



K-3714



K-3715



K-3716



K-3717



K-3718



K-3719



K-3720



K-3721



K-3722



K-3723



K-3724

COMPRESSION FITTINGS



K-3725



K-3726



K-3727



K-3728



K-3729



K-3730



K-3731



K-3732



K-3733



K-3734



K-3735



K-3736

BRASS FITTINGS



K-3737



K-3738



K-3739



K-3740



K-3741



K-3742



K-3743



K-3744



K-3745



K-3746



K-3747



K-3748



K-3749



K-3750



K-3751



K-3752

BRASS FITTINGS



K-3753



K-3754



K-3766



K-3755



K-3756



K-3757



K-3758



K-3759



K-3760



K-3761



K-3762



K-3763



K-3764



K-3765