



Afulise Product Catalogue

COMFORTABLE HOME HVAC SYSTEM




Official website



720 Panorama of
Cloud VR Factory

Anhui Afulise Construction Technology Co., Ltd.

 Anhui plant: New Display Industrial Park of High tech Zone, Huainan, Anhui
Zhejiang plant: Longgongmen Industrial Zone, Yuanhuan, Taizhou, Zhejiang
Service hotline

 **400-808-3757**

 www.afulise.com

All data in this catalogue, including but not limited to specifications change such as color and parameter, please refer to the real object, or call the service number. Afulise reserves the right to interpret the final content.

Intelligent global manufacturing
Comfortable home HVAC system

Afulise®

THANK YOU FOR CHOOSING US

THANKS FOR FOLLOWING AFULISE

www.afulise.com | Smarter Manufacturing global Comfortable Home HVAC System

CONTENTS

P. 09

Wall-mounted

turning series



P. 15

Ball

valve Series



P. 13

Filter ball valve

P. 21 **Steel panel radiator**



P. 19

Temperature

control valve series

P. 45

**SLIP
SERIES**



P. 31

**FLEXIBLE
PIPE**

PE-XB/AL/PE-XB PIPE
PE-RT
PE-XC
PE-XB



P. 39

**Control
Module**

The pump station system

P. 41

**Magnetic dirt
separator**



P. 43

**Mixed
Water Center**



P. 37

**Room
Temperature
Control**



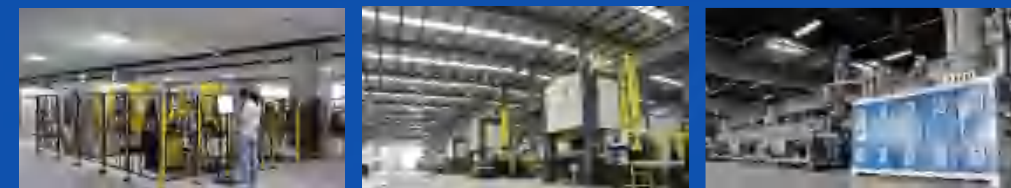
Building the world's leading HVAC technology brand system

Afulise

HVAC TECHNOLOGY

2 large production bases
80000sqm modern technology factory areas
100 million pcs annual capacity
90% full process intelligent manufacturing
500% improved production efficiency
compared with traditional industry

Anhui Afulise Construction Technology Co., Ltd., founded in Yuhuan, "the capital of China's valves" of Zhejiang in 2014, is an excellent new technology enterprise in the field of building HVAC in China's smart and comfortable home industry. As the manufacturer and brand service provider of HVAC valve and pipeline system solutions, Afulise focuses on floor heating system, radiator system, solar pump group system, pipeline connection system, flexible pipe system, also research, production and marketing, integrated strategic layout and brand operation services in the five fields. Products cover more than 100 varieties and more than 3000 specifications, including brass manifold/distributor, temperature control valves, radiator valves, and series of mixing unit system and new flexible heating pipes.



Afulise always adheres to the brand mission of "focusing on improving the living quality of homes", regards product quality as the core competition of enterprise development, devotes itself to building a modern R&D and manufacturing center, and equips itself with internationally advanced production lines. Afulise is committed to providing global consumers with warm, comfortable, environment-friendly, healthy, and safe HVAC systems. On the road of adhering to brand development and helping the upgrading of "Made in China", it has steadily built a nationwide and global brand marketing service network. It has 300+brand service points covering 18 key provinces and cities in China. Products are sold well in more than 60 countries and regions, including Europe, the United States, Asia and Australia. Afulise has won the trust and praise of tens of millions of brands at domestic and abroad.

Afulise has always adhered to the core spirit of "striving for excellence and staying within the borders", and constantly broke through the constraints of enterprise success. From Zhejiang to Anhui, from production and processing to R&D and manufacturing, from 6000sqm to 80000sqm, it has accumulated 138 domestic and foreign patents, passed ISO9001 quality management system, EU CE and other international certification, and has successively won the national key new technology enterprise of the Torch Plan, the National Torch.

It is honored as the implementation unit of the plan, the standard innovative enterprise of Zhejiang Province, the famous trademark of Zhejiang Province, the famous brand products of Zhejiang Province, the key investment attracting enterprise of Anhui Province, the scientific and technological enterprise of Anhui Province, the strategic emerging industry of Anhui Province, and the national new technology enterprise.

Afulise adheres to the brand strategy of low carbon, green, environmental protection and sustainable development, integrates corporate social responsibility into the company's business development, strives to become an important promoter of the upgrading and transformation of the smart and comfortable home industry, strives to improve the living quality of the "Made in China" category of home furnishings, and takes on the responsibility of building a new century "brand".

Afulise®

THE HISTORY OF DEVELOPMENT

www.afulise.com | 

Afulise has always focused on the HVAC field, constantly innovating and researching. Become the first powerful manufacturer in China integrating radiators, copper pieces and pipes, Show the world the power of "Made in China" with our own strength.

2001

China's New Development and New Opportunities for the World

With the rapid development of China's economy and the continuous improvement of people's living standards, after China's accession to the WTO in 2001, German and Italian wall mounted furnace and pipeline brands have been pouring into China, and their advanced technology and good quality have promoted the rapid development of China's HVAC industry.



2015

Create resplendence based on China

The first heating system production and processing base in Taizhou, Zhejiang Province, the "valve city of China", was officially put into operation, and the national 300+brand service outlets were rapidly spread, and won the trust and good reputation of tens of millions of Chinese family users, creating a milestone for Afulise to serve China.



2018

Start a new journey from a new starting point

The second production and processing base invested by Afulise in Hi tech Industrial Park of Huainan, Anhui was put into operation, covering the integrated management of R&D, production and marketing of more than 100 varieties and more than 3000 specifications of products in the HVAC field, effectively releasing the production capacity in Europe and Asia and product category, quality and overall strength have been comprehensively improved.



2021

Strategic layout and industrial upgrading

Afulise invested in the construction of the third HVAC production and processing 3rd base in Huainan Hi tech Industrial Park, invested heavily in the introduction of international advanced production equipment and cutting-edge technologies such as fully automatic welding lines, electrophoresis tracks, articulated robots, etc., built a product research and development laboratory system, and comprehensively and deeply expanded the research, development, production and industrialization process of all types of intelligent comfortable home system products.



2010

Entering China and Warm it

Afulise established Afulise (China) Marketing Service Center in Shanghai, China, committed to introducing German advanced HVAC concepts and system solutions into China, and warming Chinese families through high-quality HVAC products and services.



2017

Emerging on the international stage

At ISH Heating and Ventilation Exhibition in Frankfurt, Germany, Afulise with its excellent product strength, won positive comments and good reputation in the industry, laying a solid foundation for the future development of brand internationalization.



2020

Sophisticated Intelligent Manufacturing Wins the World
With its rich innovation experience in the field of heating, it has passed ISO9001 quality management system, EU CE and other international certification, and has accumulated 138 domestic and foreign patents. Its products are sold well in more than 60 countries and regions, including Europe, the United States, Asia and Russia, laying a dominant position in the industry.



And the future Make every family enjoying warmth

Based on the present and looking to the future, Afulise focuses on sustainable development, and will continue to be committed to providing global household users with overall HVAC solutions that are warm, comfortable, environmentally friendly, healthy, safe and secure. With its strict manufacturing standards, exquisite production technology and reliable product quality, Afulise will become a HVAC brand trusted by millions of households worldwide.



Afulise® WORLD

COMFORTABLE HOME HVAC SYSTEM

Intelligent global manufacturing
Comfortable home HVAC system

Vision: Become a century old scientific and technological enterprise in the world's smart and comfortable home heating industry

Mission: Committed to providing global consumers with warm, comfortable, environment-friendly, healthy, safe and secure HVAC system overall solutions.

Idea: Adhere to the brand strategy of low-carbon, green, environmental protection and sustainable development, integrate corporate social responsibility into the company's business development, and become a century old enterprise respected by the society.

Opinion: Keep improving and never stop

As an excellent high-tech enterprise deeply engaged in the field of building heating and ventilation in the smart and comfortable home industry, we focus on technology driven intelligent manufacturing, constantly pursue product upgrading, innovation and excellent quality, and share the cutting-edge technology of floor heating with hundreds of millions of families around the world.

Products line: Focus on the floor heating system, radiator system, solar pump station system, pipeline connection system, flexible pipe water supply system, the strategic layout of research, production and marketing integration and brand operation services in five fields, and our products cover more than 100 varieties and more than 3000 specifications.



159011

Typ	Spec	Way
159011.02	1" F	2
159011.03	1" F	3
159011.04	1" F	4
159011.05	1" F	5
159011.06	1" F	6
159011.07	1" F	7
159011.08	1" F	8
159011.09	1" F	9



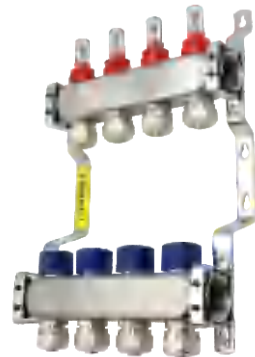
159012

Typ	Spec	Way
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159012.03	1" F	3
159012.04	1" F	4
159012.05	1" F	5
159012.06	1" F	6
159012.07	1" F	7
159012.08	1" F	8
159012.09	1" F	9



164001

Typ	Spec	Way
164001.02	1" F	2
164001.03	1" F	3
164001.04	1" F	4
164001.05	1" F	5
164001.06	1" F	6
164001.07	1" F	7
164001.08	1" F	8
164001.09	1" F	9



164002

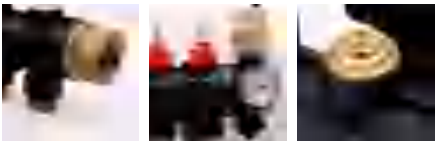
Typ	Spec	Way
164002.02	1" F	2
164002.03	1" F	3
164002.04	1" F	4
164002.05	1" F	5
164002.06	1" F	6
164002.07	1" F	7
164002.08	1" F	8
164002.09	1" F	9



131204 (With flowmeter)
Copper-plastic sub-water collector

Typ	Spec	Way
131204.02	1" F	2
131204.03	1" F	3
131204.04	1" F	4
131204.05	1" F	5
131204.06	1" F	6
131204.07	1" F	7
131204.08	1" F	8
131204.09	1" F	9

Main body: pair of main pipes for supply and return water PA66GF30
supply water branch with flowmeter(optional)
return water branch with temperature control spool
End part: with automatic/manual vent drains
with temperature gauges
with drain valves
Features: brass and plastic integration, condensation and frost resistant,
water supply and return in middle, fouling resistant, PA66GF30 main body,
anti aging, with union/loose joint, joinable structure and easy installation



Thermometer

Typ
05.5802.003



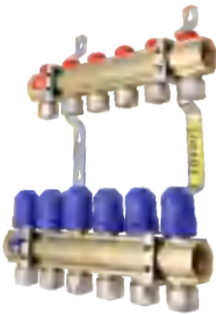
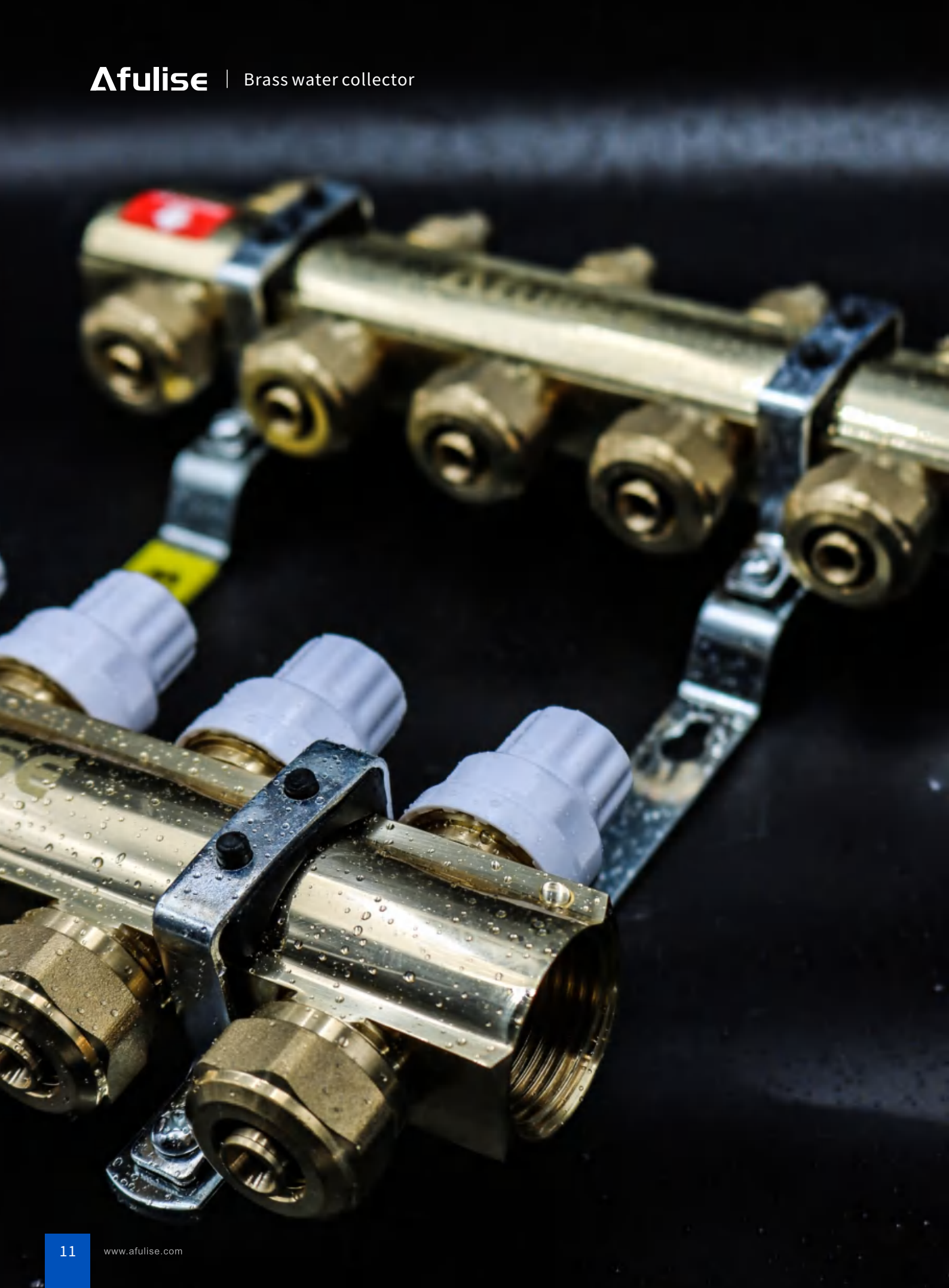
Pressure gage

Typ
05.5802.001
05.5802.002



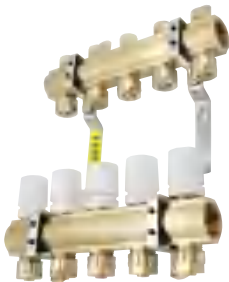
Temperature and pressure
integrated meter

Typ
05.5802.004
05.5802.005



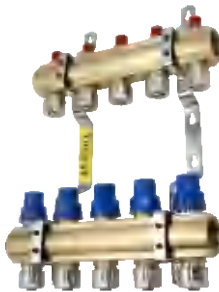
165101

Typ	Spec	Way
165101.02	1"F	2
165101.03	1"F	3
165101.04	1"F	4
165101.05	1"F	5
165101.06	1"F	6
165101.07	1"F	7
165101.08	1"F	8
165101.09	1"F	9



153611

Typ	Spec	Way
153611.02	1"F	2
153611.03	1"F	3
153611.04	1"F	4
153611.05	1"F	5
153611.06	1"F	6
153611.07	1"F	7
153611.08	1"F	8
153611.09	1"F	9



153301

Typ	Spec	Way
153301.02	1"F	2
153301.03	1"F	3
153301.04	1"F	4
153301.05	1"F	5
153301.06	1"F	6
153301.07	1"F	7
153301.08	1"F	8
153301.09	1"F	9



153511

Typ	Spec	Way
153511.02	1"F	2
153511.03	1"F	3
153511.04	1"F	4
153511.05	1"F	5
153511.06	1"F	6
153511.07	1"F	7
153511.08	1"F	8
153511.09	1"F	9



160201

Typ	Spec	Way
160201.02	1"F	2
160201.03	1"F	3
160201.04	1"F	4
160201.05	1"F	5
160201.06	1"F	6
160201.07	1"F	7
160201.08	1"F	8
160201.09	1"F	9



158533 (Selected Intelligent/
Handwheel/Flowmeter)

Typ	Spec	Way
158533.02	1 F	2
158533.03	1"F	3
158533.04	1"F	4
158533.05	1"F	5
158533.06	1"F	6
158533.07	1"F	7
158533.08	1"F	8
158533.09	1"F	9

8 inspections of water manifolds testing laboratory



Flow regulation



Air tightness



Hydraulic balance



Pressure intensity



Pullout resistance



Bending resistance



Opening and closing



Torsional resistance



Water manifold
**END ACCESSORIES
SERIES**

Typ	Spec	Attribute
1801.012	1Mx1/2F	Brass
1801.022	1Mx1/2F	Nickel

Typ	Spec	Attribute
1801.007	1Mx1/2Fx2	Brass



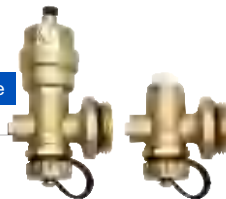
Typ	Spec	Attribute
1801.008	1Mx1/2Fx2	Nickel



Typ	Spec	Attribute
1802.002	1"M	Brass
1802.004	1"M	Nickel



Typ	Spec	Attribute
1803.007	1Mx1/2F	Brass



Typ	Spec	Attribute
1823.003	2810.010	Brass
1823.001	2810.004	Brass



Typ	Spec	Attribute
1820.001	1Mx1/2F	Brass



Typ	Spec	Attribute
1801.010	1Mx1/2Fx2	Brass



Typ	Spec	Attribute
1801.016	1Mx1/2Fx2	Nickel



Typ	Spec	Attribute
3301.501	1M	Brass
3301.502	1M	Nickel
3301.601	3/4M	Brass



Typ	Spec	Attribute
1803.008	1Mx1/2F	Nickel



Typ	Spec	Attribute
1823.004	2810.011	Nickel
1823.002	2810.005	Nickel



Typ	Spec	Attribute
1801.322	1"M	
5802.001	1/4"M	Attribut



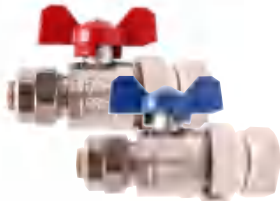
Ball valve Series



- Electric Actuator Full Copper Forging
- With very low flow resistance (approximately zero)
- Full sealing
- Easy to operate, fast to open and close



Typ	Spec	Handle
2101.130	SC20x1M	Red
2101.131	SC20x1M	Bule
2101.132	SC25x1M	Red
2101.133	SC25x1M	Bule



Typ	Spec	Handle
2101.036	SC20x1F	Red
2101.037	SC20x1F	Bule
2101.038	SC25x1F	Red
2101.039	SC25x1F	Bule



Typ	Spec	Handle
2101.142	SR25x1M	Red
2101.143	SR25x1M	Bule
2101.253	SR32x1M	Red
2101.353	SR32x1M	Bule



Typ	Spec	Handle
2101.145	SR25x1F	Red
2101.146	SR25x1F	Bule
2101.154	SR32x1F	Red
2101.155	SR32x1F	Bule



Typ	Spec	Handle
2203.189	LS20x1M	Red
2203.190	LS20x1M	Bule
2203.089	LS25x1M	Red
2203.090	LS25x1M	Bule



Typ	Spec	Handle
2203.187	LS20x1F	Red
2203.188	LS20x1F	Bule
2203.087	LS25x1F	Red
2203.088	LS25x1F	Bule



Typ	Spec	Handle
2203.130	LC20x1M	Red
2203.131	LC20x1M	Bule
2203.132	LC25x1M	Red
2203.133	LC25x1M	Bule



Typ	Spec	Handle
2203.136	LC20x1F	Red
2203.137	LC20x1F	Bule
2203.138	LC25x1F	Red
2203.139	LC25x1F	Bule

Typ	Spec	Handle
2203.142	LR25x1M	Red
2203.143	LR25x1M	Blue
2203.048	LR32x1M	Red
2203.049	LR32x1M	Blue



Typ	Spec	Handle
2203.145	LR25x1F	Red
2203.146	LR25x1F	Blue



Typ	Spec	Handle
2203.342	LR25x1M	Red
2203.066	LR25x1M	Blue



Typ	Spec	Handle
2203.045	LR25x1F	Red
2203.046	LR25x1F	Blue



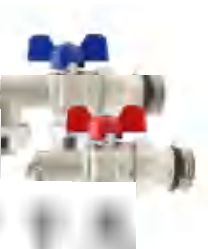
Typ	Spec	Handle
2101.242	SR25x1M	Red
2101.243	SR25x1M	Blue
2101.042	LR25x1M	Red
2101.043	LR25x1M	Blue



Typ	Spec	Handle
2101.045	SR25x1F	Red
2101.046	SR25x1F	Blue
2101.054	SR32x1F	Red
2101.055	SR32x1F	Blue



Typ	Spec	Handle
2203.050	1Mx25x2M	Red
2203.054	1Mx20x2M	Blue
2203.053	1Mx20x2M	Red
2203.055	1Mx25x2M	Blue



Typ	Spec	Handle
2203.056	1Fx25x2M	Red
2203.058	1Fx20x2M	Blue
2203.057	1Fx20x2M	Red
2203.059	1Fx25x2M	Blue



Typ	Spec	Handle
2203.034	LC20x1M-G	Red
2203.035	LC25x1M-G	Red



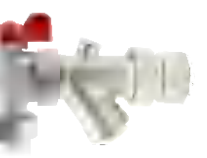
Typ	Spec	Handle
2203.040	LC20x1F-G	Red
2203.041	LC25x1F-G	Red



Typ	Spec	Handle
2203.044	LR25x1M-G	Red
2203.052	LR32x1M-G	Red



Typ	Spec	Handle
2203.047	LR25x1F-G	Red



Typ	Spec	Handle
2101.034	SC20x1M-G	Red
2101.035	SC25x1M-G	Red



Typ	Spec	Handle
2101.040	SC20x1F-G	Red
2101.041	SC25x1F-G	Red



Typ	Spec	Handle
2101.044	SR25x1M-G	Red
2101.052	SR32x1M-GWY	Red



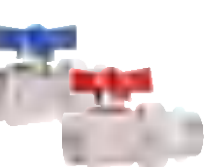
Typ	Spec	Handle
2101.047	SR25x1F-G	Red



Typ	Spec	Handle
2211.041	1Fx25x1M	Red
2211.043	1Fx20x1M	Blue
2211.044	1Fx20x1M	Red
2211.045	1Fx25x1M	Blue



Typ	Spec	Handle
2101.085	1Fx25x1M	Red
2101.086	1Fx20x1M	Blue
2101.097	1Fx20x1M	Red
2101.098	1Fx25x1M	Blue



HEATING VALVE



код	артикул	примечан
2608.001	1/2FX1/2M	красн



код	артикул	примечан
2609.018	1/2FX1/2M	красн



Typ	Spec	Attribute
2608.002	1/2FX1/2M	Nickel



Typ	Spec	Attribute
2609.003	1/2FX1/2M	Nickel



Typ	Spec	Attribute
2608.003	1/2FX1/2M	Nickel



Typ	Spec	Attribute
2609.019	1/2FX1/2M	Nickel



Typ	Spec	Attribute
2871.001	1/2MX3/4M	Nickel



Typ	Spec	Attribute
2871.002	1/2FX1/2M	Nickel



Typ	Spec	Attribute
2905.001	LR20X1/2	Nickel
2905.002	LR25X3/4	Nickel
2905.003	LR20X1/2	Nickel
2905.004	LR25X3/4	Nickel



Typ	Spec	Attribute
2602.024	L16x2.0x1/2M	Nickel
2602.028	L16x2.2x1/2M	Nickel
2602.026	L20x2.0x1/2M	Nickel
2602.066	L20x2.3x1/2M	Nickel
2602.049	L20x2.8x1/2M	Nickel

STEEL PANEL RADIATORS

Afulise

LEAS

Italy LEAS Third Generation Fully Automatic Intelligent Welding Production Line

Henkel

Surface treatment technology of Henkel nano-ceramics in Germany

ANGLI

630T Double Crankshaft, High Speed and High Precision Stamping Process

Afulise is a high-tech enterprise deeply rooted in the field of building HVAC. As a high-quality manufacturer and brand service provider of intelligent and comfortable home HVAC systems, we are committed to connecting people, products, and services with intelligent heating solutions.

Afulise Radiator Smart Factory has industry-leading intelligent equipment imported from European and professional technology. The fully automatic production line aims to apply international advanced technology in production detail and process, and continuously pursue excellent quality for unique and leading product.

Afulise steel panel radiators integrate European technology and processes, and each radiator is manufactured according to European standards. By strict quality testing, Afulise radiator is safe, efficient, environmentally friendly, and energy-saving, allowing users to enjoy comfortable lives.

Steel panel radiators Afulise Premium comply with European standard EN 442.

Afulise Premium radiators have been produced in Anhui since 2023 on the best automatic lines of Italian concern LEAS, which is recognized as a leader in the production of welding equipment and has been producing various production lines with constant innovation for more than 40 years.

Production volume of the plant is 1200000 radiators per year. The production process base on electronic control system. The operator takes part only in select the software when changing a different radiator size or models.

The combination of high quality Chinese steel and Italian equipment makes Afulise Premium radiators reliable, efficient and durable devices.

Steel panel radiators are used in apartment buildings, in medical institutions, in the private sector, in public and commercial facilities, as well as in industrial buildings and structures. This type of heating device differs from others in high heat transfer, constant temperature regime, pleasant appearance and affordable cost.

The assortment of more than 4500 models includes all possible configurations: radiators with one, two or three panels, with a number of convectors from one to three. Each of the types is available in two versions-with side(C) or bottom (VC) connection. Also in the model range of products are hygienic radiators, which consist only of heating panels. Decorative radiators retain all the technical characteristics of the basic models, differing only in a modern and stylish appearance. Available in horizontal and vertical design.

To emphasize the individuality of the design, Afulise Premium radiators can be made in one of the RAL colors.

Afulise Premium radiators are connected without removing the transportation packaging, which ensures the preservation of their appearance during all installation work until they are completed.

630T High speed and precision stamping equipment ensures smoother stamping, smoother molding, smooth shape, and excellent quality.

European High And New Technology Makes Industry Benchmark

		
Complete Specifications	Excellent Material	Fully Automated Production Line
Five different heights (300,400,600,900,1800) and two different models (PKKP, DKEK) for choosing, can meet different heating needs.	Select SPCC low-carbon cold rolled copper strip (carbon content≤0.25%), in accordance with European standards such as EN10130 and EN10131. Its material has high plasticity and toughness, especially good cold deformation plasticity, high pressure resistance, superior welding performance, and excellent corrosion resistance.	Strictly comply with ISO 9001:2015 production quality management system, with fully automated intelligent production line manufacturing and no manual intervention during the entire process, production efficiency is increased by 2.5 times, and ensure all products' quality.

		
Advanced Turbulence Technology	Five Surface Treatment Technologies From Europe	Green Environmentally Friendly And Healthy
Superior to the industry's 5-hole water channel plate connection ring and ultra large capacity water channel plate design, ensuring a reasonable flow circulation state. Compared to ordinary steel panel radiators, the laminar flow structure of the radiator has more thermal conductivity, greatly improving the heat dissipation efficiency.	1.Pre degreasing and main degreasing 2.High-pressure pure water flushing and drying 3.German Henkel nano ceramic surface treatment 4.Epoxy resin electrostatic powder spraying 5.200°C high-temperature baking molding Ensure inner and outer paint surfaces of the radiator are fully covered to resist the effects of moisture or other harsh environments better.	We always prioritize the environmental protection concept of "green environmental protection and safety production" and sustainable development, leading the industry in introducing environmental protection equipment such as air dust removal and purification, flue gas and dust purification, and wastewater treatment. We actively promote clean production and fulfill our social responsibility to protect the environment.



Show Craftsmanship And Quality With Exquisite Details



INTERNATIONAL
AUTHORITATIVE CERTIFICATION



RADIATOR DATA
PARAMETERS

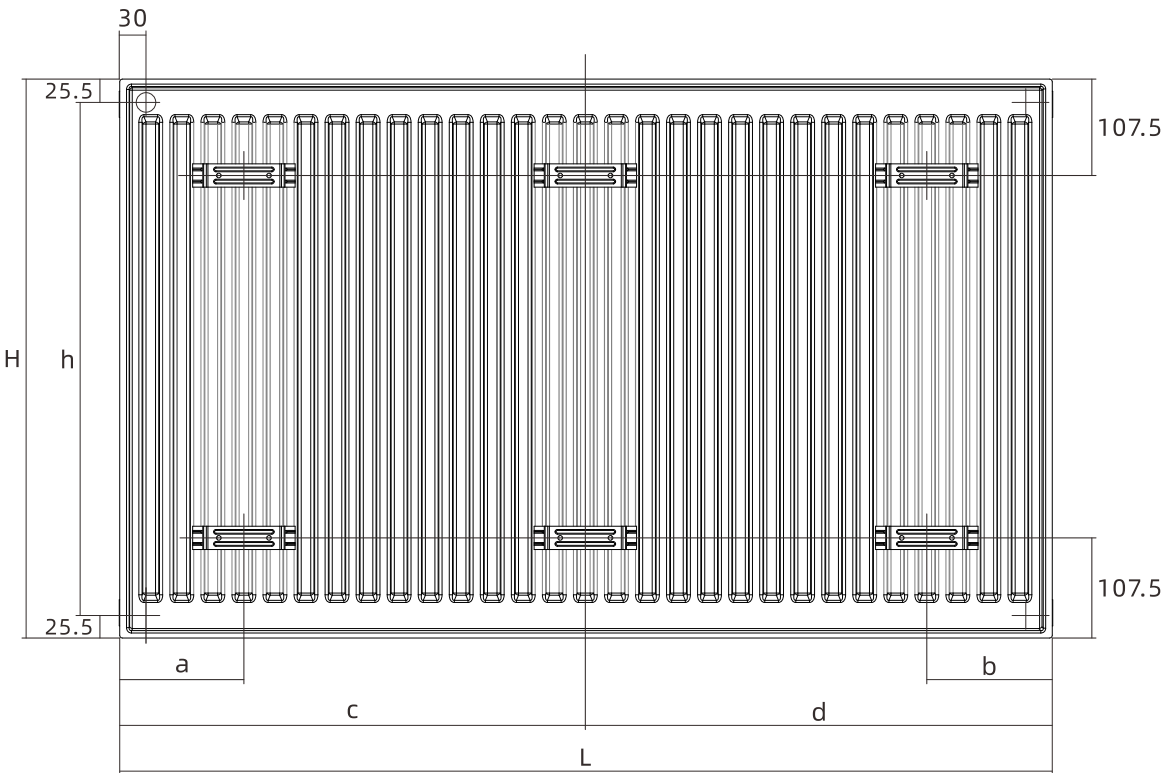


Model	Length Height	75°C/65°C/20°C (ΔT=50°C) EN442													
		400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000
22PKKP	300	391	585	780	975	1170	1365	1560	1755	1950	2145	2340	2535	2730	2925
	400	449	671	895	1119	1343	1567	1790	2014	2238	2462	2686	2909	3133	3357
	600	674	1015	1353	1691	2029	2367	2706	3044	3382	3720	4058	4397	4735	5073
	900	908	1363	1818	2272	2726	3181	3635	4090	4544	4998	—	—	—	—
33DKEK	300	555	830	1107	1384	1661	1938	2214	2491	2768	3045	—	—	—	—
	400	706	1055	1407	1759	2111	2463	2814	3166	3518	3870	—	—	—	—
	600	978	1463	1951	2439	2927	3415	3902	4390	4878	5366	—	—	—	—
	900	1283	1920	2560	3200	3840	4480	5120	5760	6400	7040	—	—	—	—

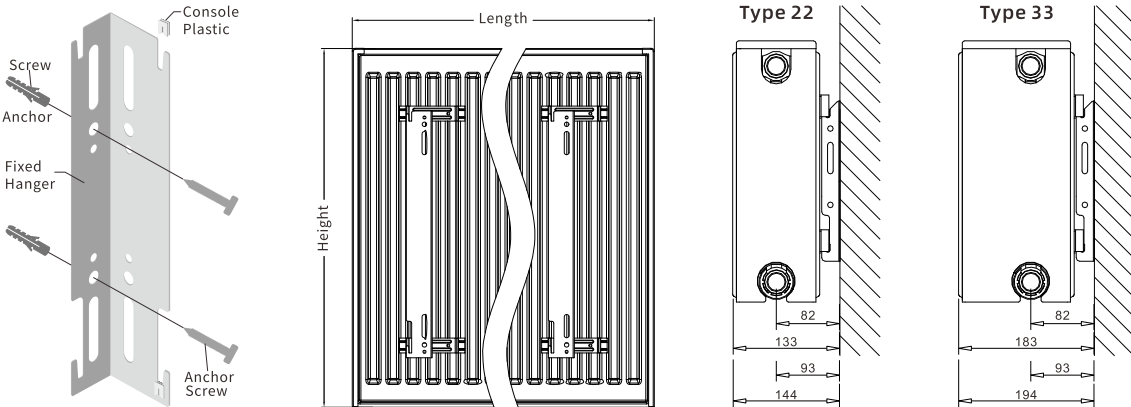
Model	Length Height	95°C/70°C/18°C (ΔT=64.5°C) GB/T 13754													
		400	500	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800
22PKKP	300	561	—	839	1119	1399	1679	1959	2238	2518	2798	3078	3358	3637	3917
	400	642	—	961	1281	1601	1921	2241	2562	2882	3202	3522	3842	4163	4483
	600	947	—	1418	1891	2364	2837	3310	3782	4255	4728	5201	5674	6146	6619
	900	1305	—	1954	2605	3256	3907	4558	5210	5861	6512	7163	7814	8466	9117
33DKEK	300	787	1179	1572	1965	2358	2751	3144	3537	3930	4323	—	—	—	—
	400	1004	1501	2002	2502	3002	3503	4003	4504	5004	5504	—	—	—	—
	600	1398	2090	2787	3484	4181	4878	5574	6271	6968	7665	—	—	—	—
	900	1869	2803	3737	4671	5605	6539	7474	8408	9342	10276	—	—	—	—

Model	Length Height	75°C/65°C/20°C (ΔT=50°C) EN442			95°C/70°C/18°C (ΔT=64.5°C) GB/T 13754		
		400	500	600	400	500	600
22PKKP	1800	1653	2013	2346	2362	2876	3352

INSTALLATION ICON



Height: 300, 400, 600, 900					
Length		a	b	c	d
400, 600, 800, 1000, 1200, 1400		133	133	/	/
1600, 1800, 2000, 2200, 2400, 2600, 2800, 3000		133	133	1/2L	1/2L

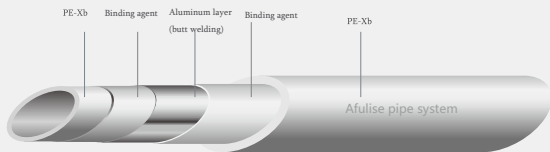




XPAP2

double-bonded polyethylene aluminum-plastic pipe

Смешанные полиэтиленовые многослойные композитные трубы XPAP2 объединяют преимущества пластмасс и металлических материалов, чтобы избежать недостатков, поэтому их применение является наиболее полным и может быть применено не только к системам горячей воды с бытовым охлаждением, но и к системе подключения радиатора и системе радиационного отопления пола, является лучшим выбором для системы установки радиатора. Трубы изготовлены из полиэтиленового материала высокой плотности (HDPE) и имеют более высокие высокотемпературные свойства и прочность на сжатие. Композитные трубки PE - X, прошедшие процесс скрещивания, могут использоваться в течение длительного времени при температуре 95°C, срок службы может быть гарантирован более чем на 50 лет, особенно для подключения систем отопления радиатора (более 70°C), применяемых в условиях высокой температуры.



Double cross-linked 100% aluminum-plastic aluminum-plastic pipe structure: PE-Xb layer-adhesive layer-aluminum layer-adhesive layer -PE-Xb plastic layer

XPAP2

double-bonded polyethylene aluminum-plastic pipe

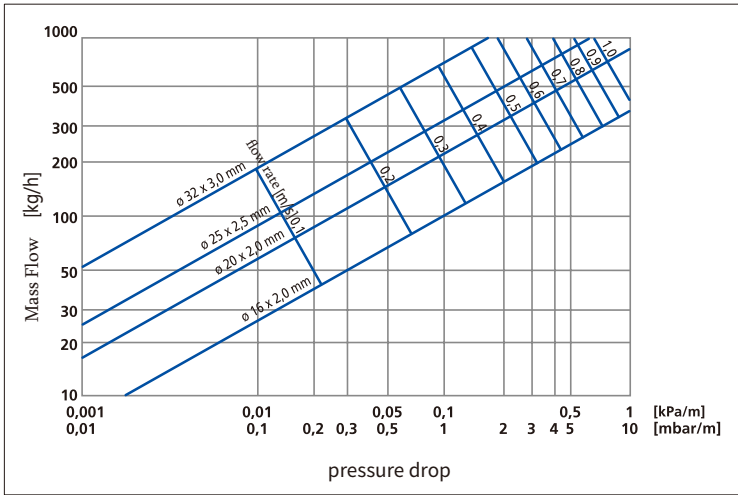
Typ	Smiles	Spec
05.4102.1622200	200	16×2.2
05.4102.2028100	100	20×2.8
05.4102.2535050	50	25×3.5
05.4101.1620200	200	16×2.0
05.4101.2020100	100	20×2.0
05.4101.2525100	100	25×2.5



Pipeline advantage

- Anticorrosion-it is covered with reticulated polyethylene from the inside out, and the pipe wall is very smooth, and no sediment will be produced.
- Low expansion length.
- Light weight, easy to operate during installation and transportation.
- The lower roughness coefficient of the pipe wall can reduce the pressure loss along the way, and the aluminum support layer welded by resistance ensures 100% expansibility.
- Easy to bend and shape.
- High pressure and high temperature resistance.

Pipeline pressure loss diagram





PE-RT Pipe

Silane crosslinked polyethylene pipe

PE-Xb pipes are suitable for hot and cold water applications and are made of high-density polyethylene (PE-X). The so-called cross-linking is to change the chemical structure of the plastic material and connect the polymer chains to each other to form a strong three-dimensional network structure of chemical bonds; under the condition that the chemical structure of polyethylene is not first destroyed, the material will not melt or dissolve; good The elasticity is the unique advantage of PE-Xb pipe, which can rebound to the original size after extension, and the maximum

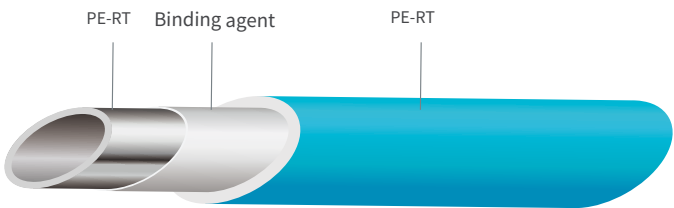
elongation rate can reach 300%; PE-Xb pipe has excellent long-term performance and will not corrode; polyethylene pipe will not be affected by high flow rate, or low pH water corrosive water, in addition building materials such as concrete, cement mortar, gypsum, etc. will not affect the performance of the pipeline.

PE - RT (Red / Teal)

Typ	Smiles	Spec
50.01.43.021620400	400	16×2.0
50.01.43.022020300	300	20×2.0

Product performance

- Under the working temperature of 70C and pressure of 0.4MPa, it can be safely used for more than 50 years;
- The inner wall is smooth, does not scale, does not breed bacteria, and can be safely applied to drinking water transportation and other fields;
- Good environmental adaptability, light weight, good flexibility, and coil supply;
- Wide applicable temperature range, no leakage and no cracking when hot and cold alternate.



Double-layer heat-resistant polyethylene PE-RT pipe Structure: PE-RT layer-adhesive -PE-RT layer

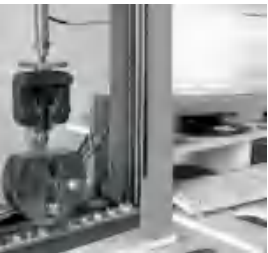
With strict quality standards Test our pipes.



Durability test



Bonding test



Elbow resistance test



Layer and wall thickness

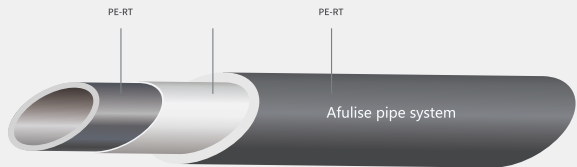
In order to ensure the highest product quality and the longest service life, Afulise tubes are tested in all directions. In the production stage, the pipe is subjected to the simulation test and quality inspection of practical application to ensure that the product meets the very accurate tolerance requirements.





PE-RT II Pipe EVOH

The PE RT II type ground heating pipe is made of fully imported heat-resistant polyethylene raw materials, and is an improved product of PE RT I. It has higher heat resistance and compressive strength than PE RT I type ground heating pipe, and has stronger surface layout and creep stability. Further expand the pipeline system



PE-RT II Pipe EVOH

Typ	Smiles	Spec
05.43.262320300	300	20x2.0



Pipeline advantages

Impact resistance

PE RT three-layer antioxidant tube is a high molecular weight ethylene octene copolymer resin with unique linear ethylene main chain and short branched octene branch, which has excellent impact resistance.

PE RT three-layer antioxidant pipe has good flexibility, small elastic modulus, easy bending, small deformation ability after bending, and easy compensation. Therefore, PE-RT pipes can usually be manufactured on discs, which is convenient for construction and does not damage the pipes due to stress concentration.

PE RT three-layer antioxidant pipe has good uniformity and excellent creep stability, ensuring safe long-term use under high temperature and pressure

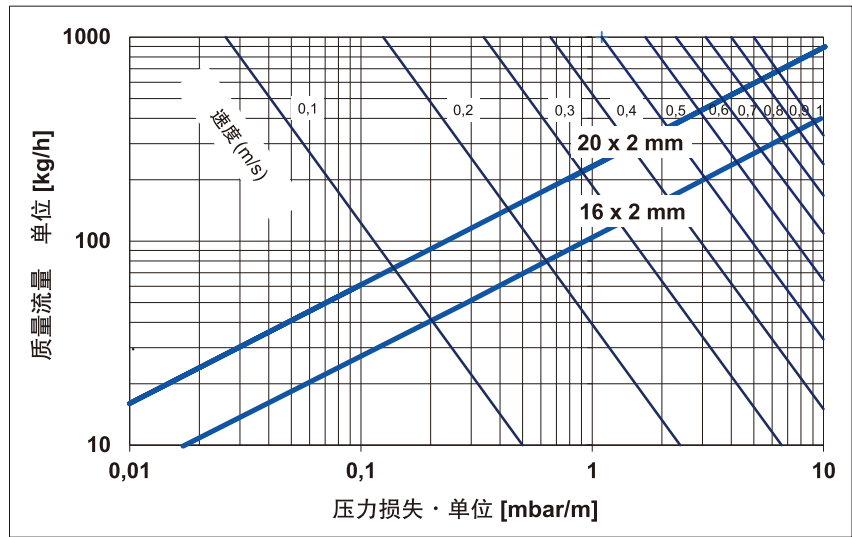
Low temperature characteristic separation

The low-temperature embrittlement temperature of PERT three-layer oxygen pipes can reach -70 °C, which can be constructed and transported at lower temperatures. Colleagues, PERT pipes still have good flexibility even at low temperatures

Applicable scope

PE RT three-layer antioxidant pipe has excellent flexibility, hygiene, heat resistance, and pressure resistance, making connection convenient and reliable. This allows it to be applied to low-temperature radiation heating systems (including floor heating, wall radiation heating, and ceiling radiation heating). Central air conditioning system pipelines, solar hot water systems, large parking lots, and snow accumulation systems below highways.

Pipeline pressure loss diagram



Room Temperature Control

Temperature control accuracy Fashion design Comfortable and energy-saving



Typ	Spec
5304.001	240*110*42



Typ	Spec
5370.001	M30x1.5



Typ	Spec
5346.001 NEW	86



Typ	Spec
5340.001	86



Typ	Spec
5341.003	86



Typ	Spec
5314.001	M30x1.5



Typ	Spec
05.5801.02	500ml



Typ	Spec
05.5801.01	500ml



Control Module

The pump station system

Designed for single-family townhouse and modular heating heat distribution system, the installation time, all modules are finish assembling and sealing test in factory, construction site installed directly save tedious work. Compact structure, save installation space, high quality EPP shell, reducing heat loss, good appearance, all possible system installation situation can be through the building blocks of connection mode to realize the application possibility of rich, suitable for medium and low power heating system, can satisfy such as high temperature, low temperature radiation heating radiator heating, condensation and separation system using demand, adhering to the German advanced system design idea, heat distribution more uniform, can easily implement villas heating system of layered, distributed control, saving energy, easy maintenance.

1761Electric Constant Temperature Pumping Station

Wheelbase: 125mm
Temperature: ≤110℃
Withstand voltage: 10bar
Temperature control: electric thermostatic valve
Kvs :9.7m2/h
Insulation shell: EPP black
Circulating pump: optional



Typ	Spec
05.1761.002	1 1/2"Mx1"F

1761Direct High Temperature Pumping Station

Wheelbase: 125mm
Temperature: ≤110℃
Withstand voltage: 10bar
Temperature control: electric thermostatic valve
Kvs :2.5m2/h, 4.8m2/h
Insulation shell: EPP black
Circulating pump: optional



Typ	Spec
05.1761.004	1 1/2"Mx1"F

Manual thermostatic pumping station 1761

Coupling wheelbase of tank: 125mm
Wheelbase: 125mm
Temperature: ≤110℃
Withstand voltage: 10bar
Insulation shell: EPP black
Circulating pump: optional



Typ	Spec
05.1761.003	1 1/2"Mx1"F

761 coupling tank

Wheelbase: 125mm
Temperature: ≤110℃
Withstand voltage: 10bar
Insulation shell: EPP black
Connecting exhaust valve/drain valv



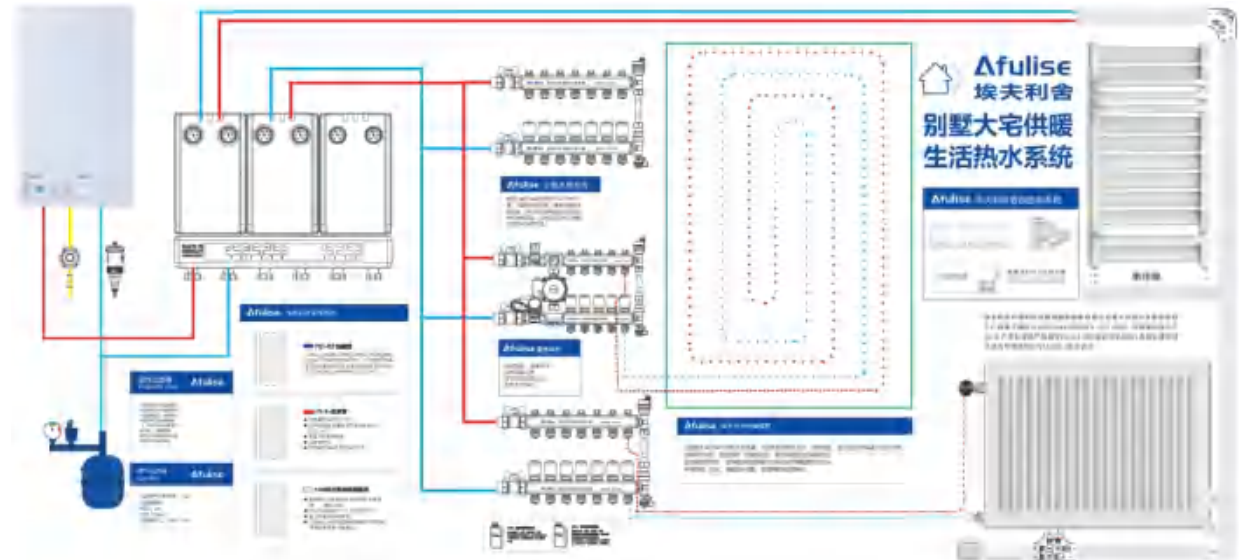
Typ	Spec
05.1761.009	1 1/2"Fx1"F

701 Pumping Station distribution manifold

Wheelbase: 125mm
Temperature: ≤110℃
Withstand voltage: 10barKvs:3.0m3/h
Insulation shell: EPP black



Typ	Spec
05. 1701.001	11/2"x2
05. 1701.002	11/2"x3
05. 1701.003	11/2"x4



ANGLE WALL-MOUNTED
FURNACES
FIVE-PIECE SET

www.ifulise.com | Building the world's leading HVAC technology brand system



Typ	Spec	Handle
2201.007	LU 1/2"Fx1/2"M	Red
2201.008	LU 1/2"Fx1/2"M	Blue
2201.009	LU 3/4"Fx3/4"M	Red
2201.010	LU 3/4"Fx3/4"M	Blue

Typ	Spec	Handle
2201.017	SU1/2"Fx1/2"M	Red
2201.018	SU1/2"Fx1/2"M	Blue
2201.019	SU3/4"Fx3/4"M	Red
2201.020	SU3/4"Fx3/4"M	Blue

Typ	Spec	Handle
2201.003	L1/2"Mx1/2"M	Red
2201.004	L1/2"Mx1/2"M	Blue
2201.013	L3/4"Mx3/4"M	Red
2201.014	L3/4"Mx3/4"M	Blue

Typ	Spec	Handle
2201.005	L1/2"Mx1/2"ML	Red
2201.006	L1/2"Mx1/2"ML	Blue
2201.015	L3/4"Mx3/4"ML	Red
2201.016	L3/4"Mx3/4"ML	Blue

Typ	Spec
2803.008	SU3/4Fx1/2M
2803.009	SU1/2Fx1/2M

Typ	Spec
2803.001	1/2"F
2803.002	3/4"F

Magnetic dirt separator (big)

Typ	Spec
2834.001	2834-22mm



Magnetic dirt separator (small)

Typ	Spec
2853.001	3/4





Mixed Water Center



164 Multifunctional Water Mixing Center

Typ	Spec
1164.001	Left
1164.003	Turn right

Multifunctional three-way thermostatic water mixing valve, VERNET valve core
Three-speed circulating shielded pump, differential pressure bypass assembly, fixed value of 25kPa
With automatic exhaust valve, water temperature meter and magnetic filter core. G3/8 "interface is reserved
The first-stage inlet and return water interface is 1 "f, and the second-stage inlet water is 1" m.
Applicable medium: water, glycol solution (Max.30%)
Withstand voltage: 10bar
Temperature adjustment range: 27~67°C

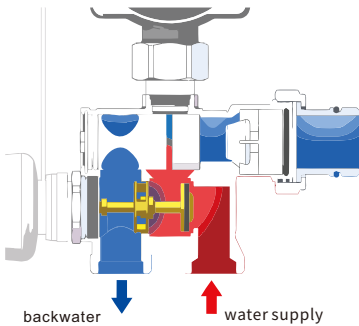
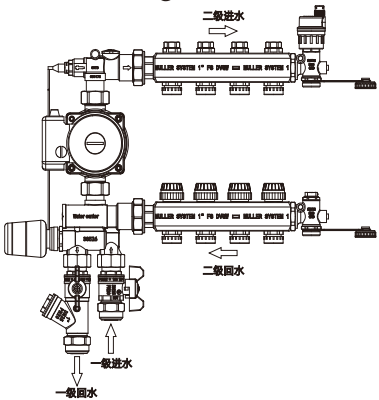
163 Remote Self-standing Water Mixing Center

Typ
1166.001

Adjustable flow double-layer main body, three-speed circulating shielded pump, with small automatic exhaust valve and built-in balance check valve core.
The primary inlet and return water are connected to 1 "F, and the secondary inlet water is connected to 1" M.
Applicable medium: water, glycol solution (max.30%)
Withstand voltage: 10bar
Temperature adjustment range: 20~60°C



Use scenario diagram



Thermostat Theory Matching

Hot water 68 °C/cold water 13 °C/water pressure 3br

temperature	Min	1	2	3	4	5	6	7	Max
T(°C)	27	32	38	44	49	53	58	63	67

SLIP SERIES

All-Copper Casting

Sliding tight pipe connection technology uses the plasticity (memory) of the pipe to achieve a tight seal, and can work for a long time in 95 degrees Celsius environment, working pressure of 2MPa, the utility model can satisfy the application environment of radiator heating, floor heating, household sanitary water supply, etc. . The slide-tight pipe fitting has the advantages of compact structure, simple and fast operation, and is suitable for buried in the open, which can effectively improve the working efficiency.

Typ	Spec
3102.101	S16X16
3102.102	S20X20
3102.103	S25X25
3102.105	S20X16
3102.126	S25X16
3102.106	S25X 20



Typ	Spec
3102.114	S16x1/2M
3102.115	S20x1/2M
3102.116	S20x3/4M
3102.117	S25x3/4M
3102.118	S25x1M



Typ	Spec
3102.201	L16x16
3102.202	L20x20
3102.203	L25x25



Typ	Spec
3102.205	L16x1/2F
3102.206	L20x1/2F
3102.238	L20x3/4F
3102.237	L25x3/4F



Typ	Spec
3102.301	T16x16x16
3102.302	T20x20x20
3102.303	T25x25x25
3102.305	T16x20x16
3102.306	T20x16x16
3102.307	T20x16x20
3102.308	T20x20x16
3102.317	T25x16x25
3102.310	T25x20x20
3102.311	T25x20x25
3102.318	T25x25x16
3102.312	T25x25x20



Typ	Spec
3102.108	S16x1/2F
3102.109	S20x1/2F
3102.110	S20x3/4F
3102.111	S25x3/4F



Typ	Spec
3102.124	SU25x1F



Typ	Spec
3102.211	L16x1/2M
3102.212	L20x1/2M
3102.213	L20x3/4M
3102.214	L25x3/4M



Typ	Spec
3102.216	LU16x1/2F
3102.219	LU25x3/4F
3102.220	LU25x1F



Typ	Spec
3102.601	T16x16x16
3102.602	T20x20x20
3102.603	T16x20x16
3102.604	T20x16x20
3102.605	T20x20x16
3102.607	T20x16x16



Typ	Spec
3102.234	L20x3/4FL
3102.235	L25x3/4FL



Typ	Spec
3102.313	T16x1/2Fx16
3102.314	T20x1/2Fx20



Typ	Spec
3303.100	TMD-SD16X2.0
3303.101	TMD-SD16x2.2
3303.102	TMD-SD20x2.0
3303.103	TMD-SD20x2.8
3303.104	TMD-SD25x2.5
3303.105	TMD-SD25x3.5



Typ	Spec
3102.139	SH15x16x186LD



Typ	Spec
3202.103	S16x1/2F
3202.104	S20x1/2F
3202.105	S16x3/4F
3202.106	S20x3/4F
3202.113	S25x3/4F



Typ	Spec
3202.101	S16x16
3202.102	S20x20



Typ	Spec
3202.107	S16x1/2M
3202.108	S20x1/2M
3202.110	S20x3/4M
3202.109	S16x3/4M
3202.114	S25x3/4M



Typ	Spec
3202.210	L20x3/4M
3202.207	L16x1/2M
3202.208	L20x1/2M
3202.209	L16x3/4M



Typ	Spec
3801.015	M25x16x18
3801.016	M25x16x18
3801.005	M25x16x20
3801.006	M25x16x20
3801.001	M25x16x22
3801.002	M25x16x22
3801.007	M20x20x22
3801.008	M20x20x22
3801.011	M25x20x23
3801.012	M25x20x23
3801.003	M25x20x28
3801.004	M25x20x28
3808.025	3/4Fx16x1.8
3808.026	3/4Fx16x1.8
3808.201	3/4Fx16x2.0
3808.203	3/4Fx16x2.0
3808.202	3/4Fx20x2.0
3808.205	3/4Fx20x2.0



Typ	Spec
3802.008	1/2Fx16x20
3802.013	3/4Fx16x20
3802.023	3/4Fx16x20
3802.004	3/4Fx20x20
3802.009	3/4Fx20x20
3802.014	3/4Fx20x20
3802.034	3/4Fx20x23
3802.010	1Fx20x28
3802.007	3/4Fx20x28
3802.037	3/4Fx20x28
3802.006	1Fx25x25
3802.011	1Fx25x25
3802.029	1Fx25x25
3802.018	1Fx25x30
3802.019	1Fx25x30
3802.030	1Fx25x30
3802.005	1Fx25x35
3802.015	1Fx25x35
3802.028	1Fx25x35



Typ	Spec
3202.201	L16x16
3202.202	L20x20



Typ	Spec
3202.301	T 16x16x16
3202.302	T 20x20x20



Typ	Spec
3202.203	L16x1/2F
3202.204	L20x1/2F
3202.205	L16x3/4F
3202.206	L20x3/4F



Typ	Spec
3202.601	T16x16x16
3202.602	T20x20x20
3202.603	T 20x16x20



BRASS THREADED FITTINGS

PRECISION FORGING
EXPLOSION-PROOF AND DURABLE



Typ	Spec
3301.101	TMB-S1/2M
3301.102	TMB-S3/4M
3301.103	TMB-S1M

Typ	Spec
3301.105	TMB-S3/4Mx1/2M
3301.106	TMB-S1Mx3/4M

Typ	Spec
3301.145	TMB-SU1M



Typ	Spec
3301.112	TMB-S1/2Fx1/2M
3301.113	TMB-S3/4Fx1/2M
3301.114	TMB-S3/4Fx3/4M
3301.115	TMB-S1Fx3/4M
3301.116	TMB-S1Fx1M



Typ	Spec
3301.204	L1/2F x1/2M
3301.205	L 3/4F x 3/4M



Typ	Spec
3301.207	TMB-L3/4M



Typ	Spec
3301.135	SR25x3/4M
3301.136	SR 25x1M



Typ	Spec
3301.125	D 1/2F
3301.126	D 3/4F
3301.127	D 1F



Typ	Spec
3301.301	T1/2F
3301.302	T3/4F
3301.303	T 1F



Typ	Spec
3301.131	TMB-SU11/2Fx1FA



Typ	Spec
3301.108	TMB-S1/2F



Typ	Spec
3301.118	TMB-SX1/4Fx1/2M
3301.146	TMB-SX3/8Fx1/2M
3301.119	TMB-SX1/2Fx3/4M
3301.120	TMB-SX3/4Fx1M



Typ	Spec
3301.137	SR25x3/4M
3301.138	SR 25x1M



Typ	Spec
3301.135	TMB-SR25x3/4M
3301.136	TMB-SR25x1M
3301.137	TMB-SR25x3/4F
3301.138	TMB-SR25x1F



Typ	Spec
3301.128	TMB-D1/2F
3301.129	TMB-D3/4F



Typ	Spec
3301.201	L1/2F
3301.202	L 3/4F
3301.203	L1F



Form QAT_10-M06, version 02, effective since October 07th, 2022

ATTESTATION

No. 3N231010AACCCQ59

Attestation's Holder:
Anhui Afulise Construction Technology Co., Ltd.
15# Building 15# New Display Industrial Park, Shannan New District, Huainan, Anhui

Attestation ECM Mark:

Product:
Steel panel radiator

Trade Mark:
AFULISE

Model(s):
22-600*1000, 33-600*1000

Verification to:
Standard:
BS EN 442-1:2014

related to CE Directive(s):
R 305/2011 (Regulation for the Marketing of Construction Products)

This document has been issued in accordance with the European Commission's note of 14 September 2022 ref. Ares (2022) 642894 concerning voluntary certifications with a non-notified procedure as it does not fall within the scope of Entec Certification Machine notification under harmonised Union and for products intended for third countries outside the EU market.

The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Entec Certification Machine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned regulation. The verification body has issued a certificate of conformity, which is a declaration of conformity. The above conformity mark can be affixed to the technical documentation in accordance with the ECM regulation on its issue and use, published on the website www.entecema.it

Issuance date: 10 October 2023
Expiry date: 09 October 2028

For online check:

Approver
Entec Certification Machine
Legal Representative
Luca Badorni

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Sede Legale e Uffici
Via Donatori di sangue, 9 - 46024 Moglia (MN)
Tel. e fax +39 (0)376 598963
www.iset-italia.com commerciali@iset-italia.com
Cap. soc. i.v. € 10.200,00
Cod. Fisc. e P.IVA Reg. Imprese 02.332.750.369
REA 02.332.750.369
Cap. soc. i.v. MN 0221098

CERTIFICATE
Certificat - Certificado - Сертификат - Zertifikat - 證書

1) **APPLICANT:** (who finally puts the product on the market)
ANHUI AFULISE CONSTRUCTION TECHNOLOGY CO., LTD
BUILDING 9TH, HIGH-TECH INDUSTRIAL PARK, HUAINAN CITY, ANHUI PROVINCE, CHINA

2) **CERTIFICATE NO.:** ISETC-003020201218

3) **ISSET MARK:**

4) **CAUTION ABOUT CE MARKING** (Instruction for the Applicant who puts the product on the EU market):
The label of the CE Marking on the left side should be not less than 5mm height. CE Marking and EC Declaration of Conformity are duties for the manufacturer or its applicant who puts the product on the market. This one is responsible to start the CE marking and certification procedure as required by the legislation in force. Only for the products which are compulsorily included into specific Directives or Regulations will be necessary to appoint a Notified Body.

5) **TYPE OF PRODUCT:** Floor heating manifold

6) **MODEL(S):** AFLS153811, AFLS153803, AFLS153611

7) **LIST OF DIRECTIVES / REGULATIONS / STANDARDS** (as declared by the manufacturer itself)
EN 246:2003

8) **NOTE:** This document is not referred to any evaluation that could be considered as included in the scope of the activities covered by the standard BS EN ISO/IEC 17065:2012 or European Regulation 765/2008.

9) **REMARK:** Certificate is issued on voluntary application from the Client and it gives to the applicant the right to use and affix the ISET Mark on their products, even if it doesn't imply any assessment on the safety and compliance of the product. ISET declares that the only scope of the assessment is to verify the existence of the declaration issued by the manufacturer or an applicant under its own responsibilities.

10) **DATE OF ISSUE:** 18/12/2020

11) **SIGNATURE:** Xiao Ming
(On behalf of the Legal representative)

EXPIRY DATE: 17/12/2025

QUALITY MANAGEMENT SYSTEM CERTIFICATE
Certificate No. 25110204005
We hereby certify that the management system established by
Anhui Afulise Construction Technology Co., Ltd.
(Unified social credit code: 91340400MA2T6FXT6Y)
is in conformity with
GB/T 19001-2016/ISO 9001:2015
Quality management system - Requirements
This certificate is valid to the following scope:
Manufacturing of HAVC Valves(Brass Manifolds, Pipe Fittings, Thermostatic Valves)
Registration address: Building 9, New Tech Development Zone, Huainan City, Anhui Province
Certification address: Building 9, New Tech Development Zone, Huainan City, Anhui Province
Issuance date: July 23, 2020
Validity date: July 22, 2023

(The information on this certificate can be found at the official website of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn)

President:

003046
Anhui Afulise Construction Technology Co., Ltd.
15# New Display Industrial Park, Huainan City, Anhui Province
www.afulise.com

СЕРТИФИКАТ СООТВЕТСТВИЯ
№ РОСС СМ.ПВ44.П115983
Срок действия с 12.10.2023 по 11.10.2026
№ 1489228

ОРГАН ПО СЕРТИФИКАЦИИ рег. № RU.RU.11ПВ44
Общество с ограниченной ответственностью "Рус-Тест", Адрес: 121153, г. Москва, Вул. Тер. Е. Мушкетерский округ, Мясницкие, Сельскохозяйственные д. 32 к. 3, помещение 4/1, Адресный индекс 101000, 35-600*11000.
Тел: +7 (977) 482-16-81, email: certific@rus-test.ru

ПРОДУКЦИЯ
Радиаторы отопительные стальные панельные модели 23-600*1000, 33-600*11000.
Серийный выпуск: 25.2111

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ
ГОСТ 31311-2005. Приборы отопительные. Общие технические условия.

ИЗГОТОВИТЕЛЬ
Anhui Afulise Construction Technology Co., Ltd.
Адрес: 15# Building 15# New Display Industrial Park, Shannan New District, Huainan, Anhui, China

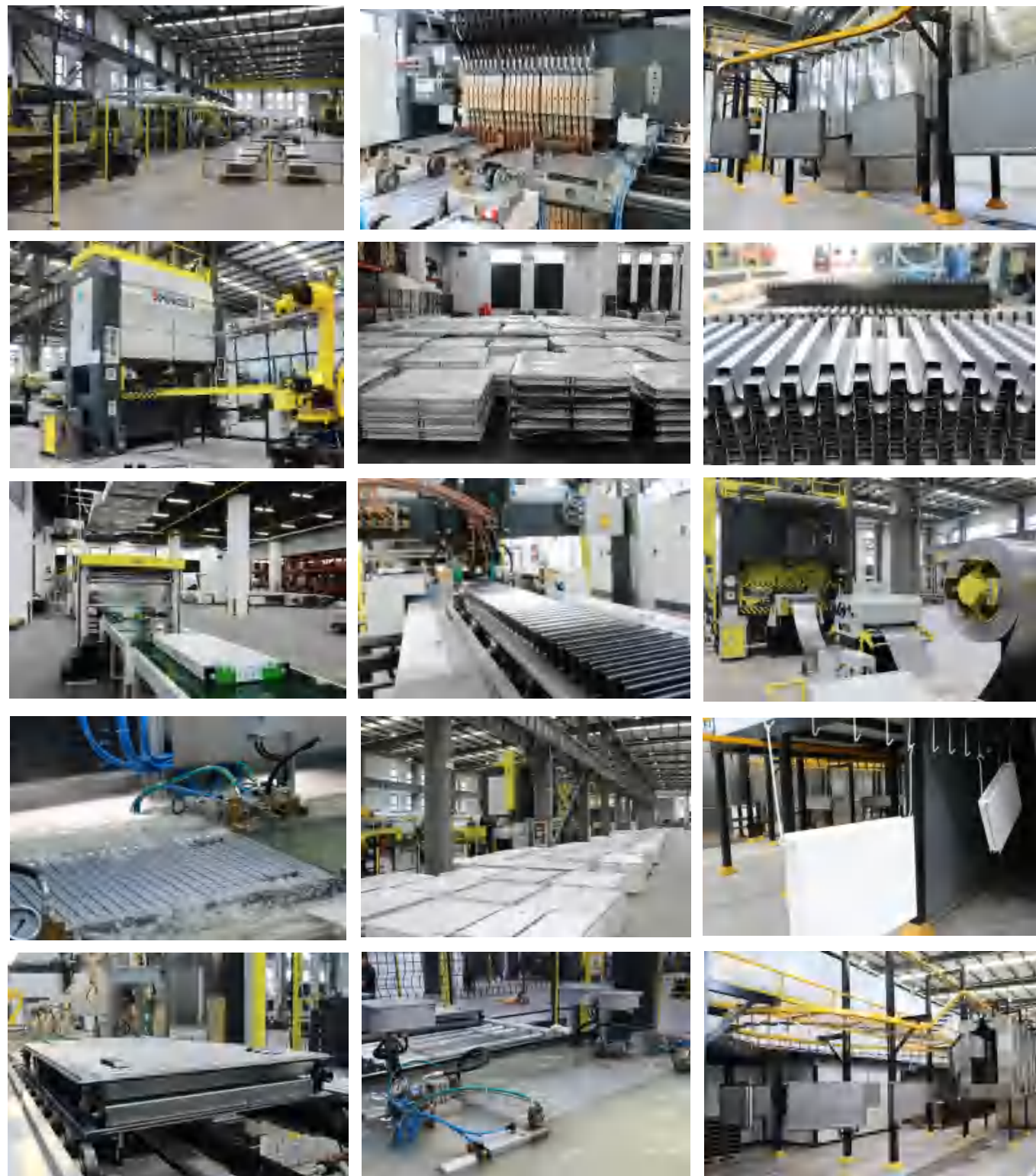
СЕРТИФИКАТ ВЫДАН
Anhui Afulise Construction Technology Co., Ltd.
Адрес: 15# Building 15# New Display Industrial Park, Shannan New District, Huainan, Anhui, China

НА ОСНОВАНИИ
Протокол испытаний № СС22 - 7510 от 12.10.2023 года, выданного Испытательной лабораторией «Сити Серти», аттестованной RU.RU.11ПВ44

АДМИНИСТРАТИВНАЯ ИНФОРМАЦИЯ
Сред. сертификации: 1с

Руководитель органа: Т.Я. Гусарова
Эксперт: А.С. Гусаров

Сертификат не применяется при объектах сертификации



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Possess 100 invention patents



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