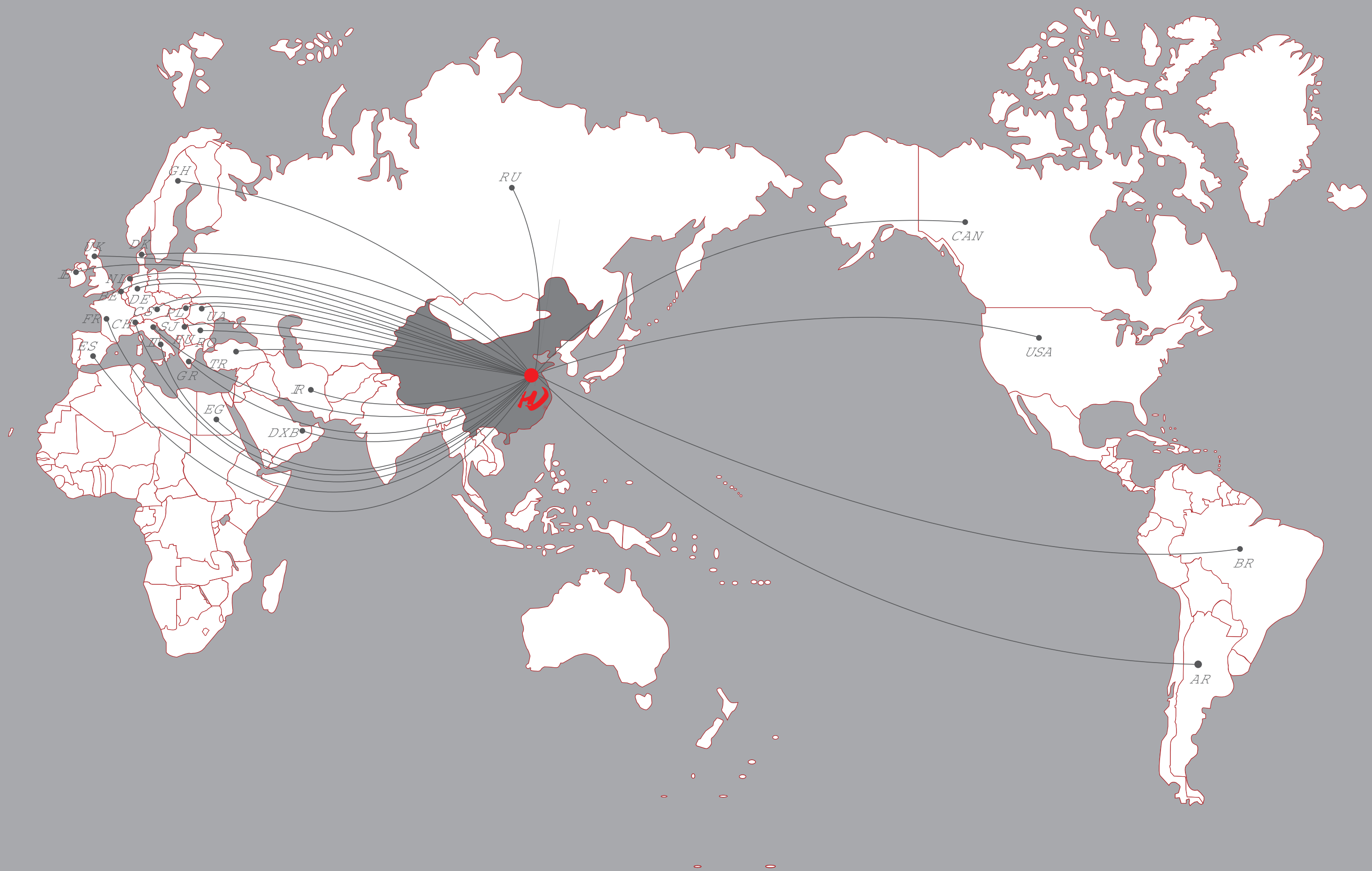
铸就品质 诚信共赢
QUALITY CAST INTEGRITY AND WIN-WIN



无锡市惠山华宏自动控制有限公司
WUXI HUISHAN AUTOMATIC CONTROLLER CO.,LTD

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无锡市惠山华宏自动控制有限公司
WUXI HUISHAN AUTOMATIC CONTROLLER CO.,LTD

PROFESSIONAL CATALOGUE **2020**

中国 · 江苏 · 无锡
China · JiangSu · Wuxi

公司简介

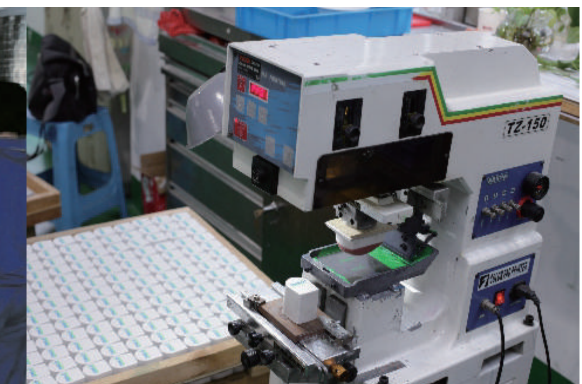
Company Profile

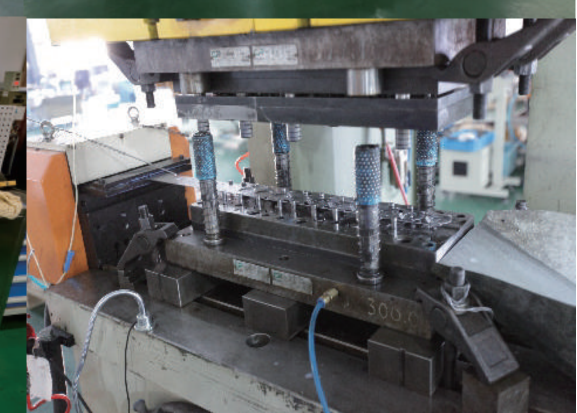
无锡市惠山华宏自动控制有限公司成立于1988年，位于江苏无锡，公司占地面积约8400多平方，是集研发、生产、销售及服务于一体的智控领域高新科技企业。我们旨在为供暖、空调、通风及净化行业，工业自动化控制及楼宇自控等智能管理领域提供全面的系统解决方案。主要产品有散热器恒温阀、中央空调及地暖用温控器、电动执行器、电热执行器等，目前已通过ISO9001质量管理体系认证；散热器恒温阀已通过欧洲EN215认证，是国内最早通过该认证的企业之一；其他产品分别已通过CE，CQC，UL等认证；多项产品获得了“实用新型专利”“外观设计专利”温差自动驱动器和电驱动球阀执行器分别申请了发明专利及实用新型专利.我公司的质量方针:“以新品开发带动技术创新，以持续改进增强顾客满意”有专业的技术团队，具备很强的研发能力和质量控制能力，可根据客户要求进行研发、生产，满足客户的各种需求。我们的业务遍布全球，与世界自控行业中许多著名企业有着紧密的合作，每年出口额占总销售额的75%以上，得到国内外用户的广泛赞誉和信赖。我们愿与伙伴共同成长,为舒适、健康与节能的生活一起努力。

铸就品质　诚信共赢

Established in 1988, Wuxi Huishan Automatic Controller Co., Ltd is a high-tech enterprise in the field of intelligent control that integrates R&D, production, sales and service. We are located at Wuxi City, Jiangsu Province of China, with total area of 8400 square meters. We aim to provide comprehensive system solutions to the heating, air conditioning,ventilation and purification industries, industrial automation control and building automation and other intelligent management fields.Our main products include thermostats, thermostatic radiator valves, central air conditioning and floor heating thermostats, liquid sensors, room thermostats, electric thermal actuators and other temperature controller for pipes, boilers, ovens, freezers,refrigerators, water heater and car air conditioner, etc. With ISO9001, CE, CQC, UL and other certifications, we are one of companies who passed EN215 firstly in China. Our quality policy is "New products development drives technical innovation, continuous improvement enhances customer satisfaction". We have a professional technical team, with strong R&D and quality control ability. Our business is spread all over the world, and we have close cooperation with many famous enterprises in automation industry. We are willing to grow together with our partners and work together for a more comfortable, healthy and energy-saving life.

铸就品质　诚信共赢





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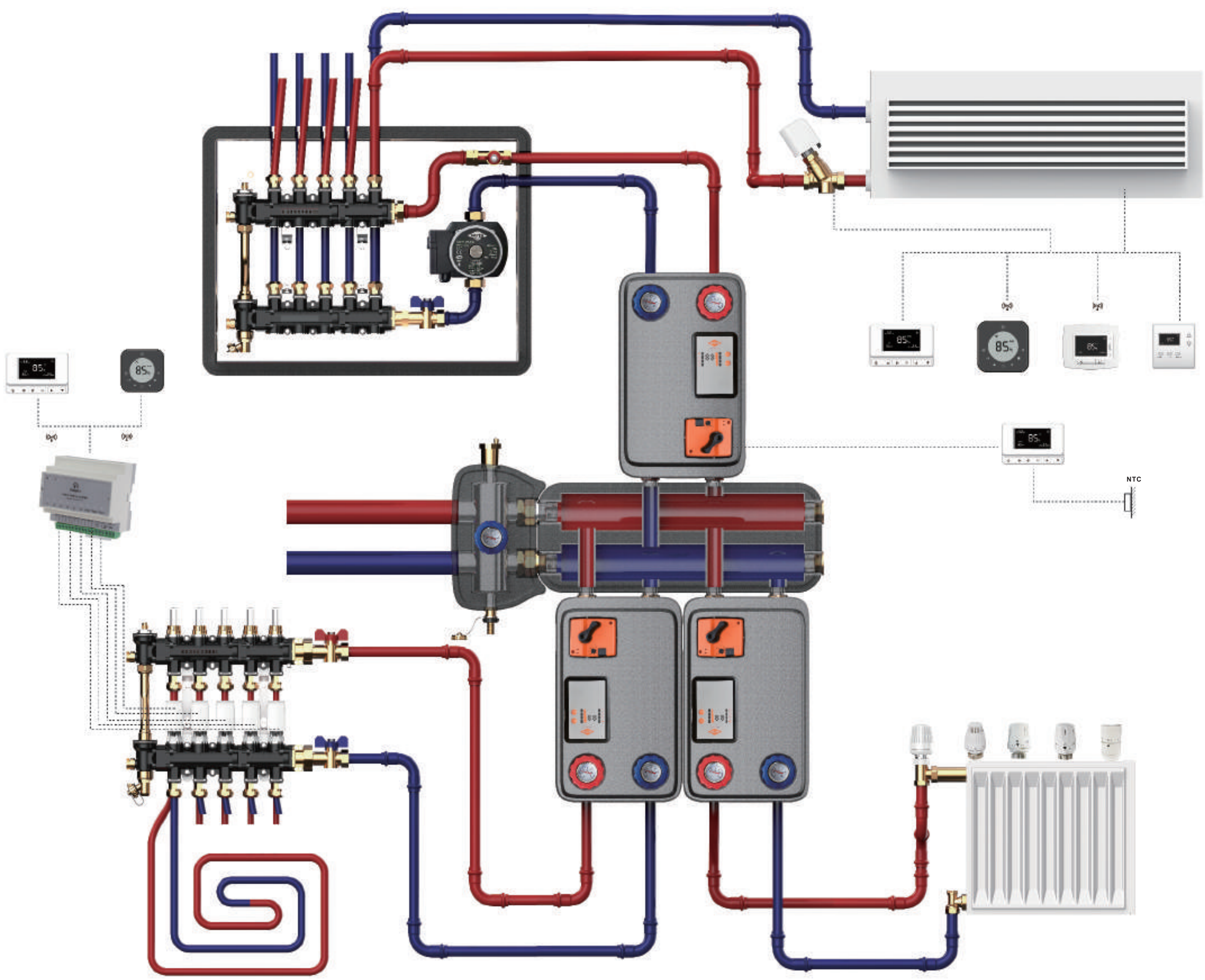
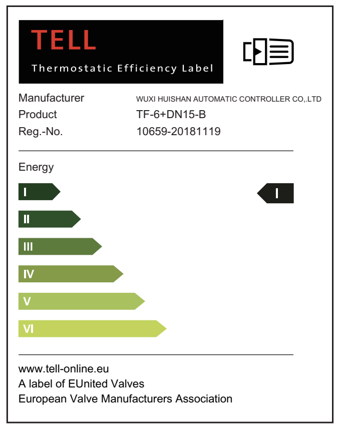
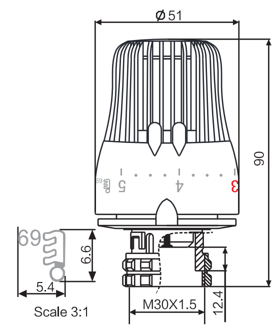
两联供系统图
Two continuous supply system diagram

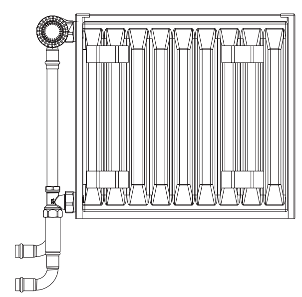


此款为立式恒温控制阀，无需外部能量，可以独立调节每个房间的温度，维持一个恒定的室温要求。具有节能，易使用性。

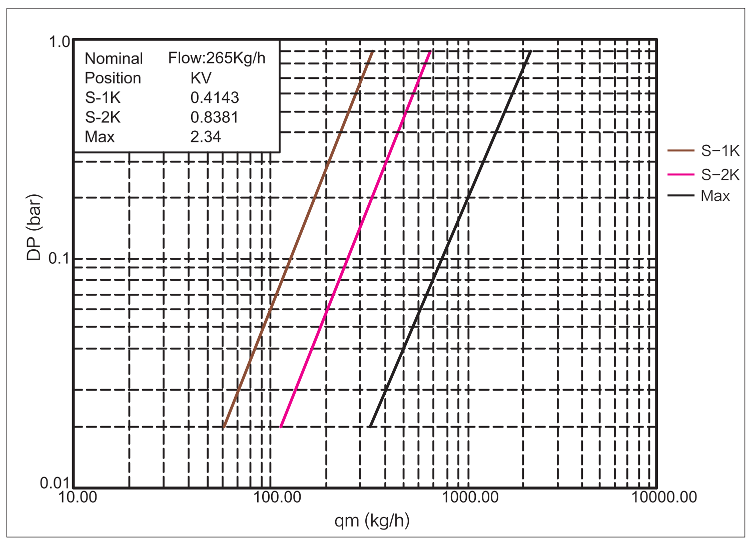
Thermostatic radiator valve in this design is the self-adjustable control valve without needs of external energy.It can be adjusted independently for the temperature in each room. And thereby maintaining a constant room temperature required. It features energy-saving and easy to use.







最大工作压力 Maximum admissible static pressure	1.0MPa
最大工作压差 Maximum admissible differential pressure	0.1MPa
最大流体温度 Maximum fluid temperature	110℃
公称流量 Nominal flow rate	265kg/h
滞后 (C) Hysteresis (C)	0.4K
压差的影响 (D) Differential pressure influence (D)	0.4K
水温度的影响 (W) Water temperature influence (W)	0.6K
除霜保护 Antifreeze position	❄ 6℃
响应时间 (Z) Response time (Z)	23min
安装螺母 Installation size	M30x1.5 (M28x1.5)



TFA01A01

温度设定范围：2~28°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：50°C
安装螺母：M30x1.5
滞后：0.4K
是否带锁:是

TFB01A01

温度设定范围：2~28°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：50°C
安装螺母：M30x1.5
滞后：0.4K
是否带锁:是

Model	Temperature range	Maximum static pressure	Maximum differential pressure	Maximum temperature resistance	Installation size	Hysteresis	Differential Pressure influence
TFA01A01	2~28°C	1.0MPa	0.1MPa	50°C	M30x1.5	0.4K	YES
TFB01A01	2~28°C	1.0MPa	0.1MPa	50°C	M30x1.5	0.4K	YES

Thermostatic head with liquid sensor

TFC01A01

温度设定范围：2~28°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：50°C
安装螺母：M30x1.5
滞后：0.4K
是否带锁:是

TF-9

温度设定范围：6~28°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：50°C
安装螺母：M30x1.5
滞后：0.4K
是否带锁:是

Model	Temperature range	Maximum static pressure	Maximum differential pressure	Maximum temperature resistance	Installation size	Hysteresis	Differential pressure influence
TFC01A01	2~28°C	1.0MPa	0.1MPa	50°C	M30x1.5	0.4K	YES
TF-9	6~28°C	1.0MPa	0.1MPa	50°C	M30x1.5	0.4K	YES

TF-4

温度设定范围：6~28°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：50°C
安装螺母：M30/M28x1.5
滞后：0.4K
是否带锁:否

TF-5

温度设定范围：6~28°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：50°C
安装螺母：M30x1.5
滞后：0.4K
是否带锁:是

Model	Temperature range	Maximum static pressure	Maximum differential pressure	Maximum temperature resistance	Installation size	Hysteresis	Differential pressure influence
TF-4	6~28°C	1.0MPa	0.1MPa	50°C	M28/M30x1.5	0.4K	NO
TF-5	6~28°C	1.0MPa	0.1MPa	50°C	M30x1.5	0.4K	YES

TF-20

温度设定范围：6~28°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：50°C
安装螺母：M30x1.5
滞后：0.4K
是否带锁:是

TF-34

温度设定范围：2~28°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：50°C
安装螺母：M30x1.5
滞后：0.4K
是否带锁:是

Model	Temperature range	Maximum static pressure	Maximum differential pressure	Maximum temperature resistance	Installation size	Hysteresis	Differential pressure influence
TF-20	6~28°C	1.0MPa	0.1MPa	50°C	M30x1.5	0.4K	YES
TF-34	2~28°C	1.0MPa	0.1MPa	50°C	M30x1.5	0.4K	YES

Thermostatic head with remote sensor

TF-7A
温度设定范围：20~60°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：80°C
安装螺母：M28/M30x1.5
毛细管长度：2000mm
温包长度：ф9.5x110mm

TF-13
温度设定范围：20~60°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：80°C
安装螺母：M30x1.5
毛细管长度：2000mm
温包长度：ф9.5x110mm

Model	Temperature range	Maximum static pressure	Maximum differential pressure	Maximum temperature resistance	Installation size	Capillary length	Bulb length
TF-7A	20~60°C	1.0MPa	0.1MPa	80°C	M28/M30x1.5	2000mm	ф9.5x110mm
TF-13	20~60°C	1.0MPa	0.1MPa	80°C	M30x1.5	2000mm	ф9.5x110mm

TF-15
温度设定范围：6~28°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：80°C
安装螺母：M30x1.5
毛细管长度：2000mm
温包长度：ф9.5x110mm

TF-36
温度设定范围：20~70°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：80°C
安装螺母：M30x1.5
毛细管长度：1000mm
温包长度：ф15.5x94.5mm

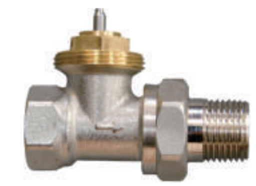
Model	Temperature range	Maximum static pressure	Maximum differential pressure	Maximum temperature resistance	Installation size	Capillary length	Bulb length
TF-15	6~28°C	1.0MPa	0.1MPa	80°C	M30x1.5	2000mm	ф9.5x110mm
TF-36	20~70°C	1.0MPa	0.1MPa	80°C	M30x1.5	1000mm	ф9.5x110mm

TF-42
温度设定范围：20~60°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：80°C
安装螺母：M30x1.5
毛细管长度：2000mm
温包长度：ф9.5x110mm

TF-13C
温度设定范围：20~60°C
最大工作压力：1.0MPa
最大工作压差：0.1MPa
最高耐温：80°C
安装螺母：M30x1.5
毛细管长度：1000mm
温包长度：ф9.5x110mm

Model	Temperature range	Maximum static pressure	Maximum differential pressure	Maximum temperature resistance	Installation size	Capillary length	Bulb length
TF-42	20~60°C	1.0MPa	0.1MPa	80°C	M30x1.5	2000mm	ф9.5x110mm
TF-13C	20~60°C	1.0MPa	0.1MPa	80°C	M30x1.5	1000mm	ф9.5x110mm

Valve



DN15-A2
KVS：1.3
口径：1/2"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100°C

DN15-AC
KVS：1.7
口径：1/2"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100°C

Model	Specification	Maximum static pressure	Maximum differential pressure	Temperature resistance	KVS
DN15-A2	1/2"	10bar	1bar	5~100°C	1.3
DN15-AC	1/2"	10bar	1bar	5~100°C	1.7

DN20-A2
KVS：2.2
口径：3/4"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100°C

DN20-AC
KVS：2.4
口径：3/4"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100°C

Model	Specification	Maximum static pressure	Maximum differential pressure	Temperature resistance	KVS
DN20-A2	3/4"	10bar	1bar	5~100°C	2.2
DN20-AC	3/4"	10bar	1bar	5~100°C	2.4

DN15-B2
KVS：1.5
口径：1/2"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100°C

DN15-BC2
KVS：1.7
口径：1/2"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100°C

Model	Specification	Maximum static pressure	Maximum differential pressure	Temperature resistance	KVS
DN15-B2	1/2"	10bar	1bar	5~100°C	1.5
DN15-BC2	1/2"	10bar	1bar	5~100°C	1.7

Valve

DN15-A3
KVS：0.9
口径：1/2"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100℃

DN15-AC2
KVS：1.14
口径：1/2"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100℃

Model	Specification	Maximum static pressure	Maximum differential pressure	Temperature resistance	KVS
DN15-A3	1/2"	10bar	1bar	5~100℃	0.9
DN15-AC2	1/2"	10bar	1bar	5~100℃	1.14

DN15-B3
KVS：2.00
口径：1/2"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100℃

DN15-BC
KVS：1.63
口径：1/2"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100℃

Model	Specification	Maximum static pressure	Maximum differential pressure	Temperature resistance	KVS
DN15-B3	1/2"	10bar	1bar	110℃	2.00
DN15-BC	1/2"	10bar	1bar	110℃	1.63

DN15-B4
KVS：1.5
口径：1/2"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100℃

DN15-BC3
KVS：1.63
口径：1/2"
最大工作压差：1bar
最大工作压力: 10bar
耐温：5~100℃

Model	Specification	Maximum static pressure	Maximum differential pressure	Temperature resistance	KVS
DN15-B4	1/2"	10bar	1bar	5~100℃	1.5
BV15-BC3	1/2"	10bar	1bar	5~100℃	1.63

TCB series multibox

TCB-1

TCB-2

TCB-3

TCB-4

产品名称 Model	TCB–1	TCB–2	TCB–3	TCB–4
工作温度范围 Temperature range	6~28°C	10~50°C	6~28°C/10~50°C	10~50°C
最大工作压力 Maximum admissible static pressure	1.0Mp	1.0Mp	1.0Mp	1.0Mp
最大工作压差 Maximum admissible differential pressure	0.1MPa	0.1MPa	0.1MPa	0.1MPa
安装深度 Installation depth	60mm	60mm	60mm	60mm
连接头螺纹 Connection size	G 3/4"	G 3/4"	G 3/4"	G 3/4"
恒温控制器 Thermostatic head with liquid sensor	TF-6	TF-23	TF-23&TF-6	DF-110E&TF-23

回水恒温阀　Water return temperature control valve

TF-23

DN20-AG

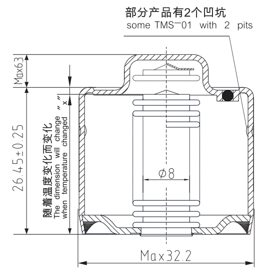
热敏感元件 Heat sensitive element	温度调节范围 Temperature range	刻度标识 Temperature regulation scale
蜡阀芯 Wax sensor	10~50°C	1~5
最大工作压力 Maximum admissible static pressure	最大工作压差 Maximum admissible differential pressure	安装螺母 Installation size
1.0MPa	0.1MPa	M30x1.5

Liquid sensor

TMS-01

工作范围：5~30°C
工作负载：40~80N
最小/最大负载：40/120N
最小/最大温度:-25°C~55°C
滞后：0.12K
20°C高度：0.95±0.2mm

外形尺寸
Overall dimensions

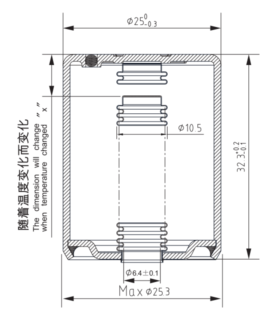


Model	Area of work	Work load	Min /Max load	Min/Max Temperature	Hysteresis	20 °C height
TMS-01	5°C~30°C	40-80N	40/120N	-25°C~+55°C	0.12K	0.95±0.2mm

TMS-03

工作范围：5~30°C
工作负载：40~80N
最小/最大负载：40/120N
最小/最大温度:-25°C~55°C
滞后：0.12K
20°C高度：6.5±0.2mm

外形尺寸
Overall dimensions

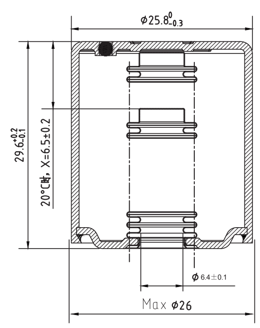


Model	Area of work	Work load	Min /Max load	Min/Max Temperature	Hysteresis	20 °C height
TMS-03	5°C~30°C	40-80N	40/120N	-25°C~+55°C	0.12K	6.5±0.2mm

TMS-04

工作范围：5~30°C
工作负载：40~80N
最小/最大负载：40/120N
最小/最大温度:-25°C~55°C
滞后：0.12K
20°C高度：6.5±0.2mm

外形尺寸
Overall dimensions



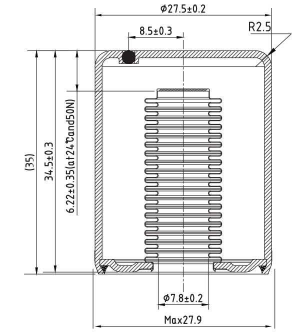
Model	Area of work	Work load	Min /Max load	Min/Max Temperature	Hysteresis	20 °C height
TMS-04	5°C~30°C	40-80N	40/120N	-25°C~+55°C	0.12K	6.5±0.2mm

Liquid sensor

TMS-05

工作范围：5~30°C
工作负载：40~80N
最小/最大负载：40/120N
最小/最大温度:-25°C~55°C
滞后：0.12K
24°C高度：6.22±0.35mm

外形尺寸
Overall dimensions



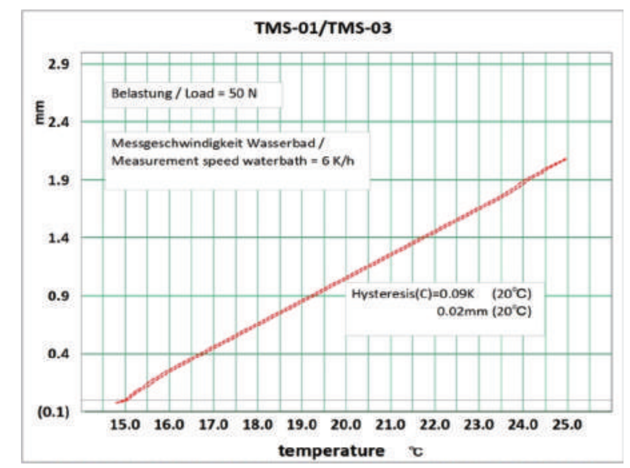
Model	Area of work	Work load	Min /Max load	Min/Max Temperature	Hysteresis	24 °C height
TMS-05	5°C~30°C	40-80N	40/120N	-25°C~+55°C	0.12K	6.22±0.35mm

具有控温、调温的功能。一般用于温度控制器和散热器恒温阀，符合EN215。

Have the function of the temperature control, temperature regulation. Generally used for thermostatic radiator valve head and temperature controller, conform to EN215.

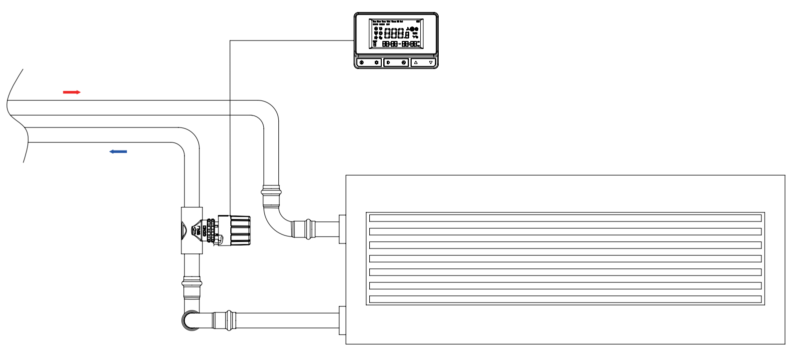
The measure is achieved at 20°C and for a load of 50N

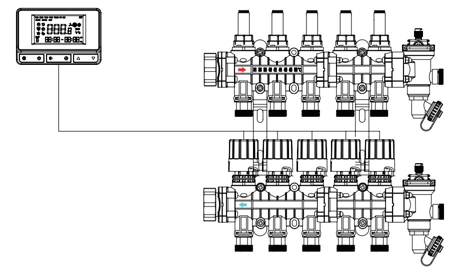
2.2+/-0.1mm between 15°C/25°C with a load of 50N



Electric thermal actuator

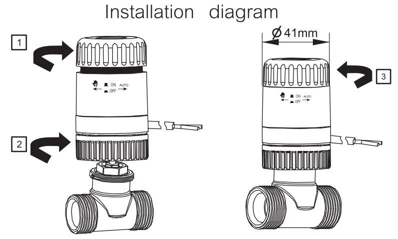
电热执行器是热激发性高效开关阀门执行器;主要用于控制地暖或中央空调系统阀门的开启或关闭,与房间温控器联动，达到控制室温的作用.
The electric heating actuator is a thermally-excited high-efficiency on-off valve actuator; it is mainly used to control the opening or closing of the floor heating or central air-conditioning system valves. It is linked with the room thermostat to control the room temperature.





DR-09
工作电源：230V/24VAC
运行时间：4.5min
工作行程：3mm
工作推力:90~125N
最大工作电流：150mA/250mA
功率:2.5W/3W
安装螺母：M30X1.5

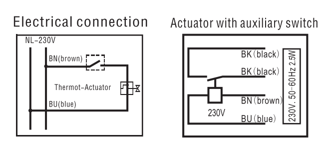
安装示意图
Installation diagram

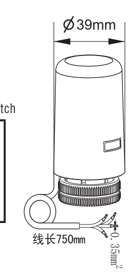


Model	Supply power	Maximum working current	Running time	Force	Stroke	Power	Installation size
DR-09	230V/24VAC	150mA/250mA	4.5min	90~125N	3mm	2.5W/3W	M30x1.5

DR-10
工作电源：230V/24VAC
运行时间：4.5min
工作行程：4mm
工作推力:90~125N
最大工作电流：150mA/250mA
功率:2.5W/3W
安装螺母：M30X1.5

线路图
Wiring diagram

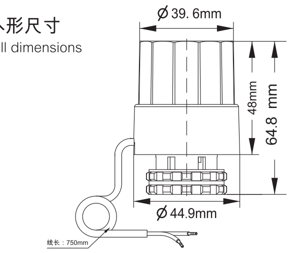




Model	Supply power	Maximum working current	Running time	Force	Stroke	Power	Installation size
DR-10	230V/24VAC	150mA/250mA	4.5min	90~125N	4mm	2.5W/3W	M30x1.5

DF-110E
工作电源：230V/24VAC
运行时间：4.5min
工作行程：3mm
工作推力:90~125N
最大工作电流：150mA/250mA
功率:2.5W/3W
安装螺母：M30X1.5

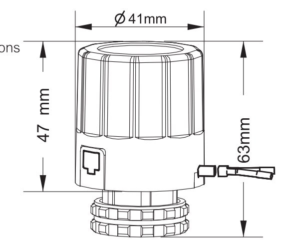
外形尺寸
Overall dimensions



Model	Supply power	Maximum working current	Running time	Force	Stroke	Power	Installation size
DF-110E	230V/24VAC	150mA/250mA	4.5min	90~125N	3mm	2.5W/3W	M30x1.5

DF-110H
工作电源：230V/24VAC
运行时间：4.5min
工作行程：3mm
工作推力: 90~125N
最大工作电流：150mA/250mA
功率: 2.5W/3W
安装螺母：M30X1.5

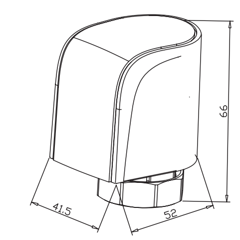
外形尺寸
Overall dimensions



Model	Supply power	Maximum working current	Running time	Force	Stroke	Power	Installation size
DF-110H	230V/24VAC	150mA/250mA	4.5min	90~125N	3mm	2.5W/3W	M30x1.5

DR-16B
工作电源：230V/24VAC
运行时间：4.5min
工作行程：4mm/5mm
工作推力: 90~125N
最大工作电流：150mA/250mA
功率: 2.5W/3W
安装螺母：M30X1.5

二线普通款 2-wire

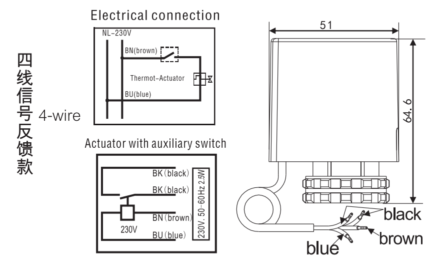


Model	Supply power	Maximum working current	Running time	Force	Stroke	Power	Installation size
DR-16B	230V/24VAC	150mA/250mA	4.5min	90~125N	4mm/5mm	2.5W/3W	M30x1.5

Electric thermal actuator

DR-17

工作电源：230V/24VAC
运行时间：4.5min
工作行程：4mm/5mm
工作推力: 90~125N
最大工作电流：150mA/250mA
功率: 2.5W/3W
安装螺母：M30X1.5

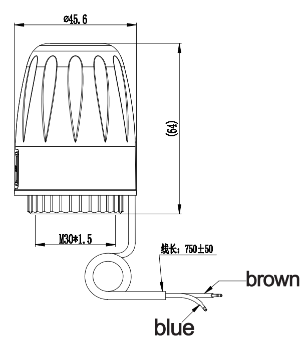


Model	Supply power	Maximum working current	Running time	Force	Stroke	Power	Installation size
DR-17	230V/24VAC	150mA/250mA	4.5min	90~125N	4mm/5mm	2.5W/3W	M30x1.5

ZRE230B01/ZRE24B01

工作电源：230V/24VAC
运行时间：4.5min
工作行程：4mm/5mm
工作推力: 90~125N
最大工作电流：150mA/250mA
功率: 2.5W/3W
安装螺母：M30X1.5

外形尺寸
Overall dimensions

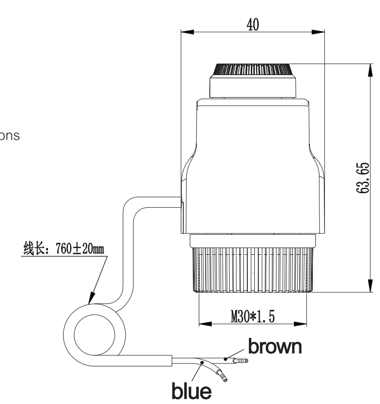


Model	Supply power	Maximum working current	Running time	Force	Stroke	Power	Installation size
ZRE230B01	230V/24VAC	150mA/250mA	4.5min	90~125N	4mm/5mm	2.5W/3W	M30x1.5

ZRB230A01

工作电源：230V/24VAC
运行时间：4.5min
工作行程：4mm/5mm
工作推力: 90~125N
最大工作电流：150mA/250mA
功率: 2.5W/3W
安装螺母：M30X1.5

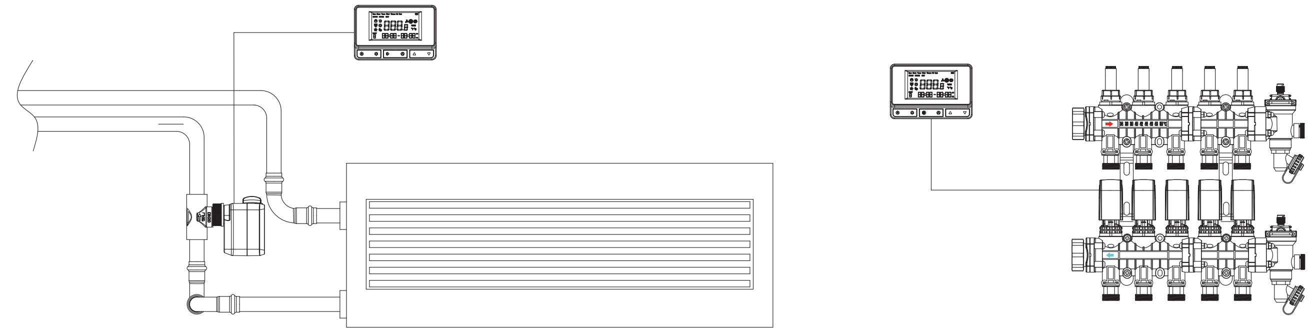
外形尺寸
Overall dimensions



Model	Supply power	Maximum working current	Running time	Force	Stroke	Power	Installation size
ZRB230A01	230V/24VAC	150mA/250mA	4.5min	90~125N	4mm/5mm	2.5W/3W	M30x1.5

Electric drive linear actuator

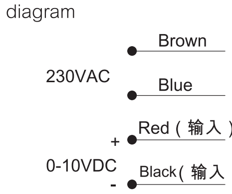
直行程执行器是电驱动性高效开关阀门执行器;主要用于控制地暖或中央空调系统阀门的开启或关闭,与房间温控器联动，达到控制室温的作用,其中温差型、高低温保护型，可以独立控制流量，达到控制室温的作用。
Straight-stroke actuator is an electrically driven high-efficiency on-off valve actuator; it is mainly used to control the opening or closing of floor heating or central air-conditioning system valves. Protection type, which can independently control the flow to achieve the role of controlling room temperature.



ZRA230A01

工作电源：230V/24VAC
运行时间：35S
工作行程：4.5mm
工作推力: 140~160N
功率：1W
安装螺母：M30X1.5
电源线长：600±50mm

线路图
Wire diagram

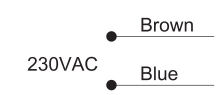


Model	Supply power	Running time	Force	Stroke	Power	Installation size	Cable length
ZRA230A01	230V/24VAC	35S	140~160N	4.5mm	1W	M30x1.5	600±50mm

ZRA230K01/ZRA230B01

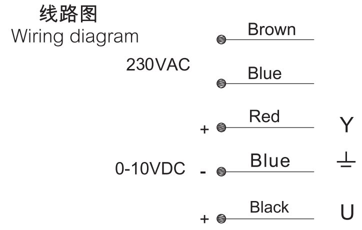
工作电源：230V/24VAV
运行时间：35S
工作行程：4.5mm
工作推力: 140~160N
功率：1W
安装螺母：M30X1.5
电源线长：600±50mm

线路图
Wire diagram



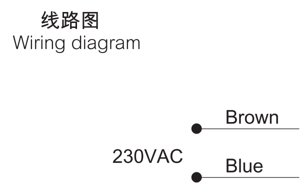
Model	Supply power	Running time	Force	Stroke	Power	Installation size	Cable length
ZRA230K01/B01	230V/24VAC	35S	140~160N	4.5mm	1W	M30x1.5	600±50mm

ZRA230F01
工作电源：230V/24VAC
运行时间：35S
工作行程：4.5mm
工作推力: 140~160N
功率：1W
安装螺母：M30X1.5
电源线长：600±50mm



Model	Supply power	Running time	Force	Stroke	Power	Installation size	Cable length
ZRA230F01	230V/24VAC	35S	140~160N	4.5mm	1W	M30x1.5	600±50mm

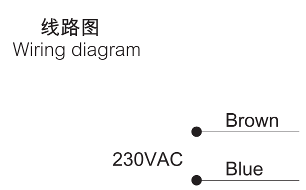
ZRA230W01
工作电源：230V/24VAC
运行时间：35S
工作行程：4.5mm
工作推力：140~160N
功率：1W
安装螺母：M30X1.5
电源线长：600±50mm



进水温度T1：60°C，回水温度T2：38°C
Inlet water temperature T1: 60 °C, return water temperature T2: 38 °C

Model	Supply power	Running time	Force	Stroke	Power	Installation size	Cable length
ZRA230W01	230V/24VAC	35S	140~160N	4.5mm	1W	M30x1.5	600±50mm

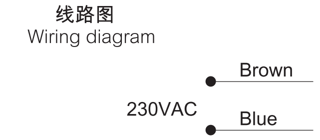
ZRA230W03
工作电源：230V/24VAC
运行时间：35S
工作行程：4.5mm
工作推力：140~160N
功率：1W
安装螺母：M30X1.5
电源线长：600±50mm



回水温度T：38°C
Return water temperature T: 38 °C

Model	Supply power	Running time	Force	Stroke	Power	Installation size	Cable length
ZRA230W03	230V/24VAC	35S	140~160N	4.5mm	1W	M30x1.5	600±50mm

ZRA230D01
工作电源：230V/24VAC
运行时间：35S
工作行程：4.5mm
工作推力：140~160N
功率：1W
安装螺母：M30X1.5
电源线长：600±50mm

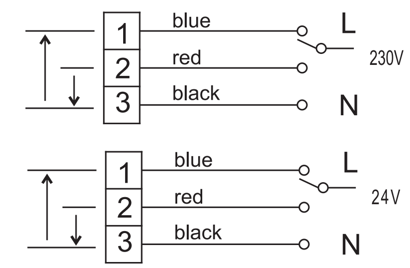


进水温度T1,回水温度T2,|T1-T2|=5°C
Inlet water temperature T1, return water temperature T2, | T1-T2 | = 5 °C

Model	Supply power	Running time	Force	Stroke	Power	Installation size	Cable length
ZRA230D01	230V/24VAC	35S	140~160N	4.5mm	1W	M30x1.5	600±50mm

电动，手动一体
Manual and automatic integration

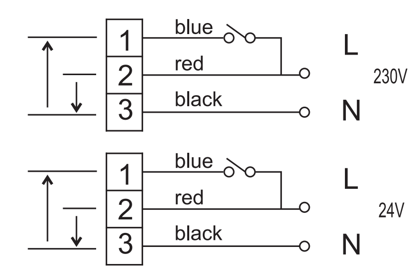
ZEA230K01/24K01
工作电源: 230V/24V
运行时间: 15S
工作行程: 5.5mm
工作推力: 160N
功率: 3W
安装螺母: M30X1.5
防护等级: IP42



Model	Supply power	Running time	Force	Stroke	Power	Installation size	Protection
ZEA230K01/24K01	230V/24VAC	15S	160N	5.5mm	3W	M30x1.5	IP42

电动，手动一体
Manual and automatic integration

ZEA230K02/24K02
工作电源: 230V/24V
运行时间: 15S
工作行程: 5.5mm
工作推力: 160N
功率: 3.5W
安装螺母: M30X1.5
防护等级: IP42

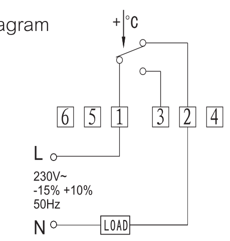


Model	Supply power	Running time	Force	Stroke	Power	Installation size	Protection
ZEA230K02/24K02	230V/24VAC	15S	160N	5.5mm	3.5W	M30x1.5	IP42

TR-90

工作电源：10(3)A 230VAC
工作温度范围：5~30°C
差动：0.5~1°C
温度精度：±1°C
感温元件：充气式膜盒
防护等级：IP30
外形尺寸：80x80x38mm

线路图
Wiring diagram

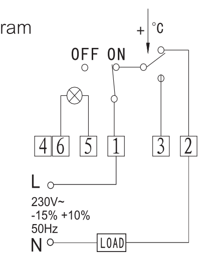


Model	Supply power	Temperature range	Temperature accuracy	Switching differential	Protection	Sensor type	Dimensions
TR-90	10(3)A 230VAC	5~30°C	±1°C	0.5~1°C	IP30	Gas filled syphon	80X80X38mm

TR-93

工作电源：10(3)A 230VAC
工作温度范围：5~30°C
差动：0.5~1°C
温度精度：±1°C
感温元件：充气式膜盒
防护等级：IP20
外形尺寸：80x80x38mm

线路图
Wiring diagram

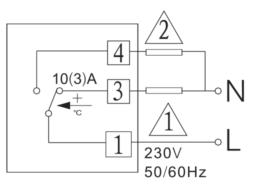


Model	Supply power	Temperature range	Temperature accuracy	Switching differential	Protection	Sensor type	Dimensions
TR-93	10(3)A 230VAC	5~30°C	±1°C	0.5~1°C	IP20	Gas filled syphon	80X80X38mm

TR-010

工作电源：10(3)A 230VAC
工作温度范围：10~30°C
差动：0.5~1°C
温度精度：±1°C
感温元件：充气式膜盒
防护等级：IP20
外形尺寸：83x83x38mm

线路图
Wiring diagram

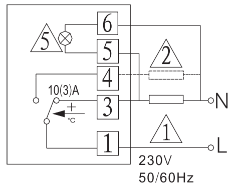


Model	Supply power	Temperature range	Temperature accuracy	Switching differential	Protection	Sensor type	Dimensions
TR-010	10(3)A 230VAC	10~30°C	±1°C	0.5~1°C	IP20	Gas filled syphon	83X83X38mm

TR-010X

工作电源：10(3)A 230VAC
工作温度范围：10~30°C
差动：0.5~1°C
温度精度：±1°C
感温元件：充气式膜盒
防护等级：IP20
外形尺寸：83x83x38mm

线路图
Wiring diagram



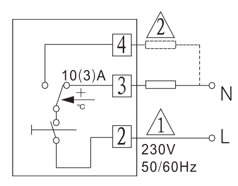
Model	Supply power	Temperature range	Temperature accuracy	Switching differential	Protection	Sensor type	Dimensions
TR-010X	10(3)A 230VAC	10~30°C	±1°C	0.5~1°C	IP20	Gas filled syphon	83X83X38mm

TR-001/TR100

工作电源：10(3)A 230VAC
工作温度范围：5~30°C
差动：0.5~1°C
温度精度：±1°C
感温元件：充气式膜盒
防护等级：IP20
外形尺寸：83x83x38mm

TR-001	电源开关 ON/OFF
TR-100	冷暖开关 Heating/Cooling

线路图
Wiring diagram

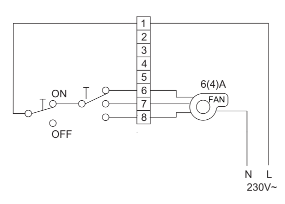


Model	Supply power	Temperature range	Temperature accuracy	Switching differential	Protection	Sensor type	Dimensions
TR-001/TR100	10(3)A 230VAC	5~30°C	±1°C	0.5~1°C	IP20	Gas filled syphon	83X83X38mm

TR-16

工作电源：6(4)A 230VAC
外形尺寸：83x83x27mm

线路图
Wiring diagram

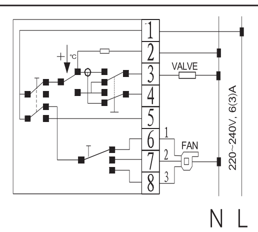


Model	Supply power	Dimensions
TR-16	6(4)A 230VAC	83X83X27mm

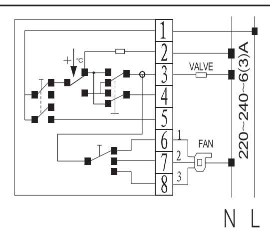
TR-110A TR-110M
TR-110B/TR-110C/TR-110D
TR-110E
TR-110F
TR-110H
TR-110K

产品名称 Model	TR-110A	TR-110B	TR-110C	TR-110D	TR-110E	TR-110F	TR-110H	TR-110M	TR-110K
工作温度范围 Temperature range	10~30°C	10~30°C	10~30°C	10~30°C	10~30°C	10~30°C	10~30°C	10~30°C	10~30°C
工作电压 Rated power supply	6(3)A 220~240VAC	6(3)A 220~240VAC	6(3)A 220~240VAC	6(3)A 220~240VAC	6(3)A 220~240VAC	6.5(2.5)A 220~240VAC	6(3)A 220~240VAC	6(3)A 220~240VAC	6(3)A 220~240VAC
差动 Switching differential	0.5~1°C	0.5~1°C	0.5~1°C	0.5~1°C	0.5~1°C	0.5~1°C	0.5~1°C	0.5~1°C	0.5~1°C
独立的系统控制开关 Independent system of control switch	■	■	■	■	■	—	■	■	■
手动三档风速转换 3-speed switch manual	■	■	■	■	■	■	■	■	—
自动控制电动阀,风机不受温度开关控制 Automatic control of electric valve, Fan is not controlled by the thermostat switch	■	—	—	—	■	—	—	■	—
自动控制电动阀和风机 Automatic electric valve and fan automatic	—	■	■	■	—	—	—	—	—
风机控制与冷暖功能转换组合在同一拨动体上 Heat-fan-cool controlled by a single switch	—	—	—	—	—	—	■	—	—
风机由温度开关自动控制 The fan is controlled by the thermostat switch automatically	—	—	—	—	—	—	—	—	■
两组加热器可独立控制 Individual control for two heating elements	—	—	—	—	—	—	—	—	■
适用于单制式温度控制 Applies to the single pole control system	—	—	—	—	■	—	—	—	—
冷暖切换开关 Heat-cool switch;	■	■	■	■	—	—	—	■	—
同一拨动开关控制系统与冷暖功能转换 Heat-fan-cool controlled by a single switch	—	—	—	—	—	■	—	—	—

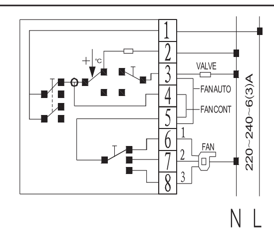
TR-110A



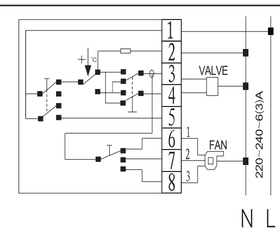
TR-110B



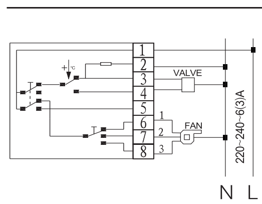
TR-110C



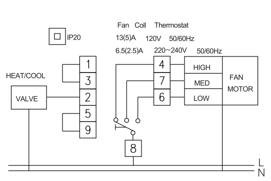
TR-110D



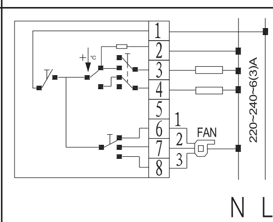
TR-110E



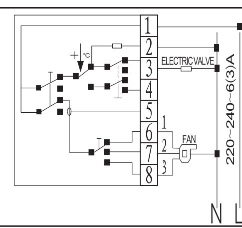
TR-110F



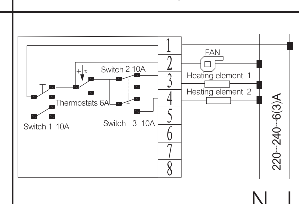
TR-110H



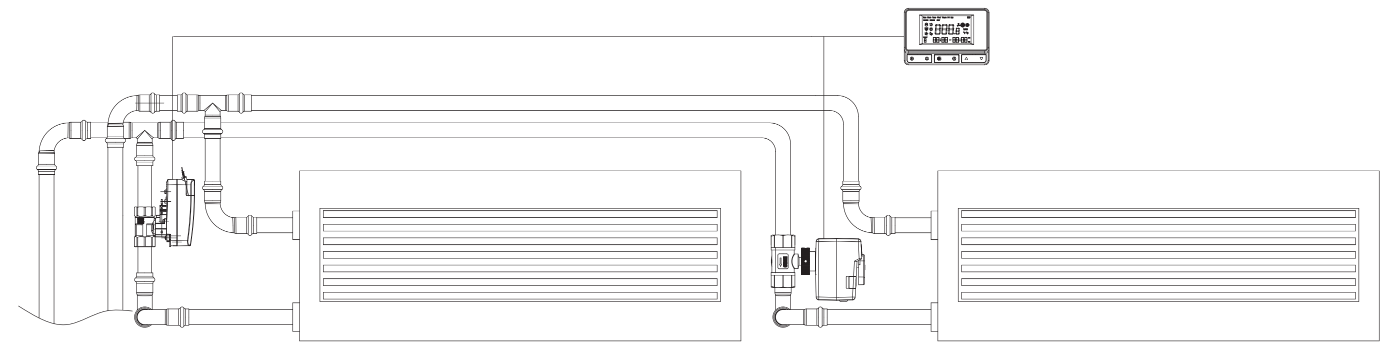
TR-110M



TR-110K

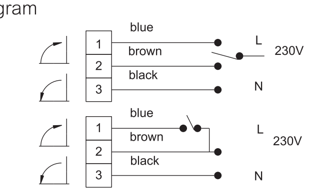


球阀执行器是电驱动性高效开关阀门执行器;主要用于控制中央空调系统阀门的开启或关闭,与房间温控器联动，达到控制室温的作用.
Ball valve actuator is an electrically driven high-efficiency switching valve actuator; it is mainly used to control the opening or closing of the valve of the central air conditioning system, and it is linked with the room temperature controller to achieve the role of controlling room temperature.



ZBC230K01
工作电源：230VAC
功率：运行2W保持0.5W
工作扭矩：2Nm
防护等级：IP54
安装方式：卡接式
功能：3线单控或3线双控

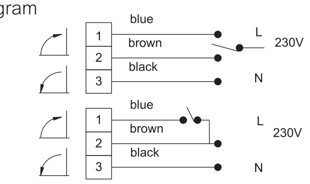
线路图
Wiring diagram



Model	Supply power	Power	Torque	Installation method	Protection	Features
ZBC230K01	230VAC	Running:2W,Maintaining:0.5W	2Nm	Clamping	IP54	Single controlor or three wire dual control

ZBC230K05
工作电源：230VAC
功率：运行2W保持0.5W
工作扭矩：2Nm
防护等级：IP54
安装方式：直压式
功能：3线单控或3线双控
接线可选, 旋钮角度可通过限位块调整，这可用于设置kv值
Optional wiring,The knob angle can be adjusted by the limit block, Which can be used to set the kv value

线路图
Wiring diagram

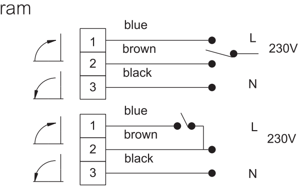


Model	Supply power	Power	Torque	Installation method	Protection	Features
ZBC230K05	230VAC	Running:2W,Maintaining:0.5W	2Nm	Direct pressure	IP54	Single controlor or three wire dual control

ZBC230K08

工作电源：230VAC
功率：运行2W保持0.5W
工作扭矩：2Nm
防护等级：IP54
安装方式：直压式
功能：单控/3线双控

线路图
Wiring diagram

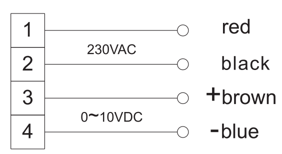


Model	Supply power	Power	Torque	Installation method	Protection	Features
ZBC230K08	230VAC	Running:2W,Maintaining:0.5W	2Nm	Direct pressure	IP54	Single control/3-wire dual control

ZBC230A01

工作电源：230VAC
功率：运行2W保持0.5W
工作扭矩：2Nm
防护等级：IP54
安装方式：卡接式
功能：0~10V调节型

线路图
Wiring diagram

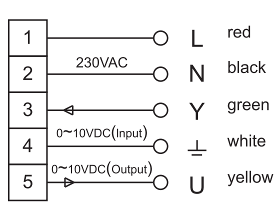


Model	Supply power	Power	Torque	Installation method	Protection	Features
ZBC230A01	230VAC	Running:2W,Maintaining:0.5W	2Nm	Clamping	IP54	0~10V adjustment

ZBC230F01

工作电源：230VAC
功率：运行2W保持0.5W
工作扭矩：2Nm
防护等级：IP54
安装方式：直压式
功能：0~10V调节带反馈

线路图
Wiring diagram

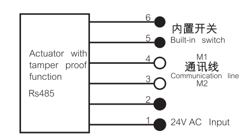


Model	Supply power	Power	Torque	Installation method	Protection	Features
ZBC230F01	230VAC	Running:2W,Maintaining:0.5W	2Nm	Direct pressure	IP54	0~10V adjustment with feedback

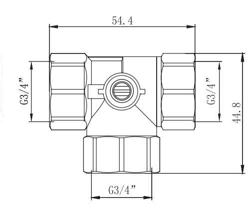
ZBC24M01

工作电源：24VAC
功率：运行2W保持0.5W
工作扭矩：2Nm
防护等级：IP54
安装方式：卡接式
功能：RS485通讯型

线路图
Wiring diagram

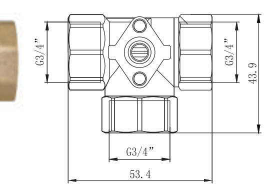


Model	Supply power	Power	Torque	Installation method	Protection	Features
ZBC24M01	24VAC	Running:2W,Maintaining:0.5W	2Nm	Card type	IP54	Rs485 communication



VB18F20A

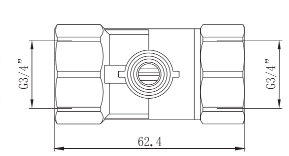
KVS：9.86
口径：3/4"
最大工作压差：1bar
最大工作压力:10bar
耐温：5~100℃



VB18F20B

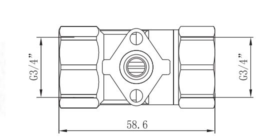
KVS：9.86
口径：3/4"
最大工作压差：1bar
最大工作压力:10bar
耐压：5~100℃

Model	Specification	Maximum static pressure	Maximum differential pressure	Temperature resistance	KVS
VB18F20A	1/2"	10bar	1bar	5~100℃	9.86
VB18F20B	1/2"	10bar	1bar	5~100℃	9.86



VB19F20A

KVS：9.78
口径：3/4"
最大工作压差：1bar
最大工作压力:10bar
耐温：5~100℃



VB19F20B

KVS：9.78
口径：3/4"
最大工作压差：1bar
最大工作压力:10bar
耐温：5~100℃

Model	Specification	Maximum static pressure	Maximum differential pressure	Temperature resistance	KVS
VB19F20A	3/4"	10bar	1bar	5~100℃	9.78
VB19F20B	3/4"	10bar	1bar	5~100℃	9.78

灵活多变的功能设定

三线单控、三线双控、0-10V比例调节并带输出反馈、Mbus通讯

Flexible function settings

Three-wire single control, three-wire dual control, 0-10V proportional adjustment with output feedback, Mbus communication

带温度控制功能

10-80℃温度可调

With function of temperature control

10-80 ℃ temperature adjustable

正、反向工作状态切换

Normally open, normally closed working state switching

能耗节省

energy savings

无线接收功能

Wireless receiving function

带温差控制功能

温差可调，可冷暖切换

With function of temperature different Control

Adjustable temperature difference, can Switch between heating and cooling

电机运行时间可调

可根据具体应用的需求， 在30到120S的范围内调节

Adjustable motor running time

Can be adjusted from 30 to 120S according to the Needs of specific applications

液晶屏旋转功能

显示探测温度及设定温度，显示反馈电压

LCD screen rotation function

Display detection temperature and set temperature

Display feedback voltage

尺寸大小：93x78x70mm

Size：93x78x70mm

ZBD230K01

工作电源：230VAC

功率：5W

工作扭矩：4Nm

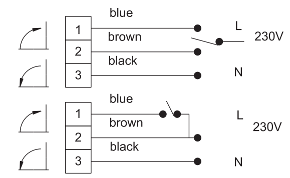
运行时间：15S/90°

防护等级：IP42

安装螺母：M33X1.5

线路图

Wiring diagram



Model	Supply power	Power	Torque	Running time	Protection	Installation size
ZBD230K01	230VAC	5W	4Nm	15S/90°	IP42	M33X1.5

BA24-TT

工作电源：24VAC

扭矩：4Nm

环境温度：-5~50°C

运行时间：45S/90°

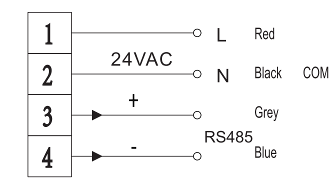
防护等级：IP40

介质温度：-20~100°C

通讯方式：RS485

线路图

Wiring diagram



Model	Supply power	Ambient temperature	Torque	Running time	Protection	Communication method	Temperature of medium
BA24-TT	24VAC	-5~50°C	4Nm	45S/90°	IP40	RS485	-20°C~100°C

BA230-K

工作电源：230VAC

扭矩：4Nm

环境温度：-5~50°C

运行时间：45S/90°

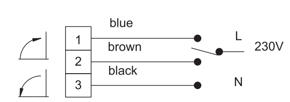
防护等级：IP40

介质温度：-20~100°C

控制信号：开关信号

线路图

Wiring diagram

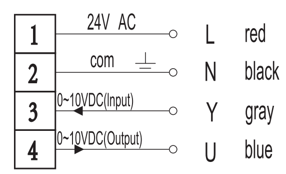


Model	Supply power	Temperature	Torque	Running time	Protection	Contol signal	Temperature of medium
BA230-K	230VAC	-5~50°C	4Nm	45S/90°	IP40	Switch signal	-20°C~100°C

Electric ball valve actuator

BA24-TF
工作电源：24VAC
扭矩：4Nm
环境温度：−5~50°C
运行时间：45S/90°
防护等级：IP40
介质温度：−20~100°C
控制信号：调节反馈

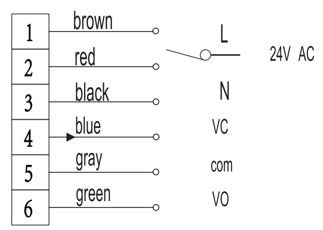
线路图
Wiring diagram



Model	Supply power	Temperature	Torque	Running time	Protection	Contol signal	Temperature of medium
BA24-TF	24VAC	-5~50°C	4Nm	45S/90°	IP40	Regulation feedback	-20°C~100°C

BA24-KF
工作电源：24VAC
扭矩：4Nm
环境温度：−5~50°C
运行时间：45S/90°
防护等级：IP40
介质温度：−20~100°C
控制信号：开关反馈

线路图
Wiring diagram

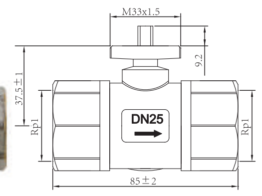


Model	Supply power	Temperature	Torque	Running time	Protection	Contol signal	Temperature of medium
BA24-KF	24VAC	-5~50°C	4Nm	45S/90°	IP40	Switch signal	-20°C~100°C

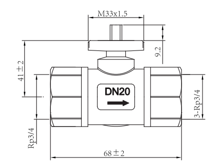
BA24-WK
工作电源：24VAC
扭矩：4Nm
环境温度：−5~50°C
运行时间：45S/90°
防护等级：IP40
介质温度：−20~100°C
控制信号：通讯接口
温度范围：20~80°C

Model	Supply power	Temperature	Torque	Running time	Protection	Temperature range	Temperature of medium
BA24-WK	24VAC	-5~50°C	4Nm	45S/90°	IP40	20°C~80°C	-20°C~100°C

Matching valve

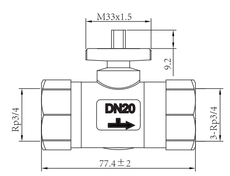


BV25-A2
KVS：8.7
口径：1"
最大压差：1bar
最大工作压力: 10bar
耐温：5~100°C



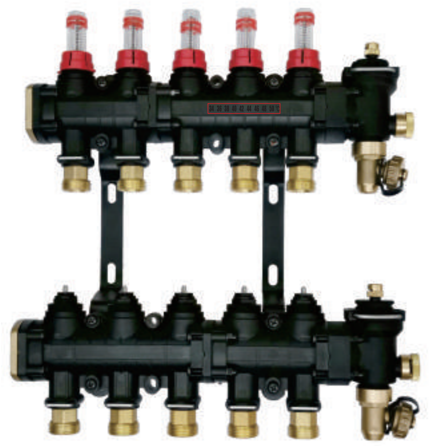
BV20-A3
KVS：7.24
口径：3/4"
最大压差：1bar
最大工作压力: 10bar
耐温：5~100°C

Model	Specification	Maximum static pressure	Maximum differential pressure	Temperature resistance	KVS
BV25-A2	1"	10bar	1bar	5~100°C	8.7
BV20-A3	3/4"	10bar	1bar	5~100°C	7.24



BV20-ST1
KVS：9.3
口径：3/4"
最大压差：1bar
最大工作压力: 10bar
耐温：5~100°C

Model	Specification	Maximum static pressure	Maximum differential pressure	Temperature resistance	KVS
BV20-ST1	3/4"	10bar	1bar	5~100°C	9.3



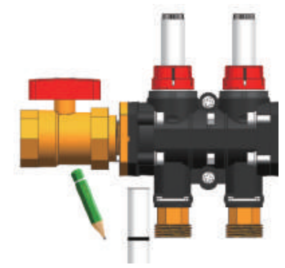
WKA05C01

接口螺纹: G1¼"
主管通径: 37mm
主管间距: 210mm
支管间距: 50mm
最大压差: 1bar
最大工作压力: 5bar
最大试压: 6bar

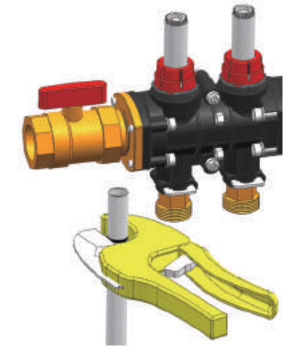
最高排气压力: 6bar
工作温度: 2~60°C
最高耐温: 75°C
流量计: 0~5L/min
适用介质: 水、30%乙二醇溶液
温度感应标贴范围: 34~50°C
支路流量: KVS 1.0³m/h
主管流量: KVS 5³m/h

Mode	Interface thread	Main tube dia	Distance between main tubes	Distance between Branch pipe spacing	Max. Pressure difference	Max. Working pressure
WKA05C01	G1¼"	37mm	210mm	50mm	1bar	5bar
	Max. Testing pressure	Imaximum exhaust pressure	Operating temperature	Maximum temperature resistance	Flowmeter	Applicable medium
	6bar	6bar	2~60°C	75°C	0~5L/min	Water, 30%glycol solution
	Temperature sensing label range		Tributary flow	Main flow		
	34~50°C		KVS1.0³m/h	KVS 5³m/h		

Mode	口径/Caliber	支路数/Number of branches	支路口径/Bypass caliber
WKA02C01	1	X2	3/4"
WKA03C01	1	X3	3/4"
WKA04C01	1	X4	3/4"
WKA05C01	1	X5	3/4"
WKA06C01	1	X6	3/4"
WKA07C01	1	X7	3/4"
WKA08C01	1	X8	3/4"
WKA09C01	1	X9	3/4"
WKA10C01	1	X10	3/4"
WKA11C01	1	X11	3/4"
WKA12C01	1	X12	3/4"

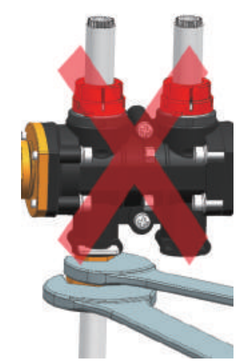


在管道末尾做个标记
Make a mark at the end of the pipe

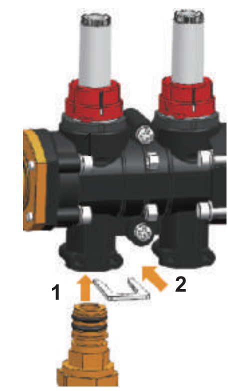


水平切割管道
Cut pipe horizontally

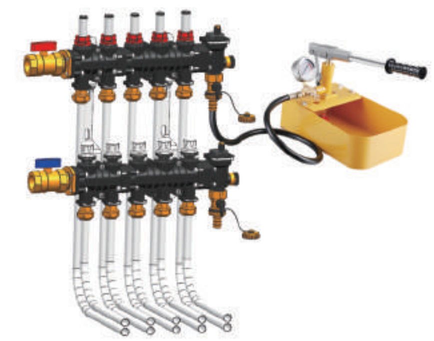
固定好适配器和管道配件
Fix the adapter and pipe fittings.



不要将带有适配器的管子，
连接至分水器固定
Do not connect the pipe with adapter to manifold before fixing it!

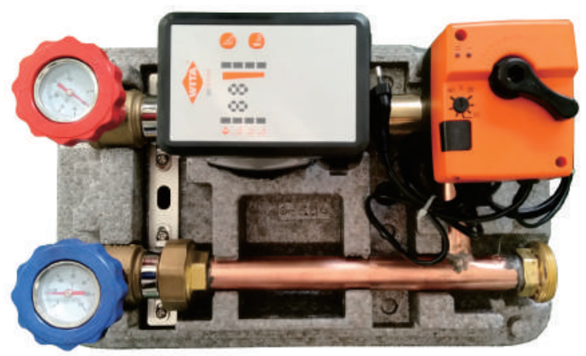


固定好适配器和管道配件，使用转接器，
在槽内插入装配夹
Secure the adapter and pipe fittings, use the adapter, and insert the mounting clip into the slot.



连接系统测试泵至末端配件的填充阀
将整个回路加压至最大6bar的压力
Connect the system test pump to the filling valve of the end fitting.
Pressurize the entire circuit to a pressure of up to 6 bar for the specified time.

Heating circulation pumping station



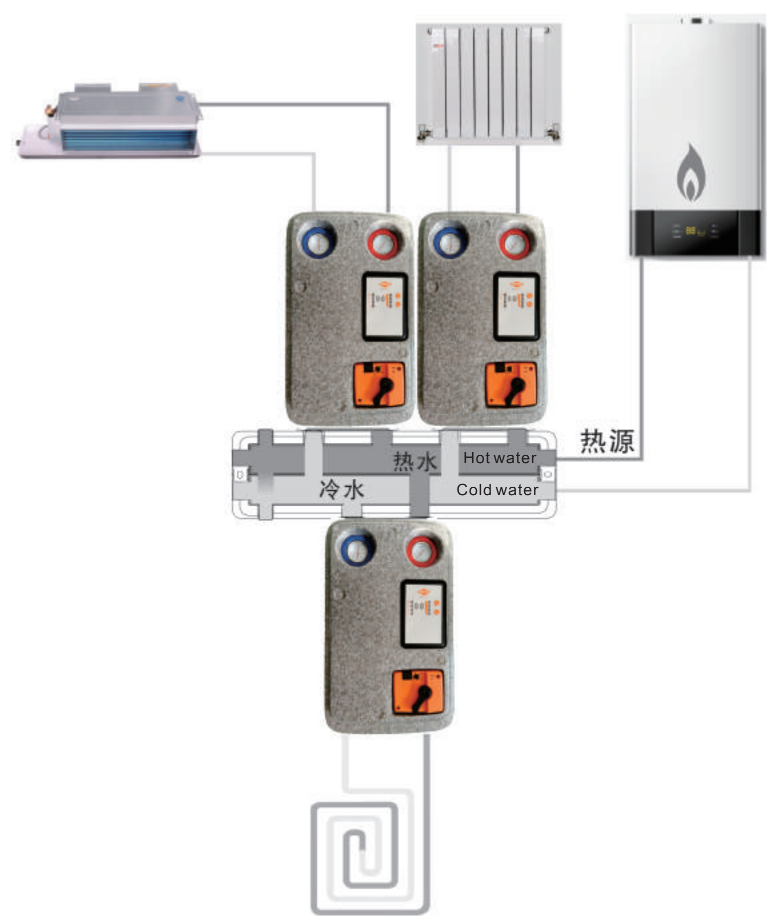
TMA01A01

内接口螺母：G1½ "
外接口螺母：G1"
主管通径：1"
主管间距：125mm
最大压差：1bar
最大工作压力：5bar
最大试压：6bar

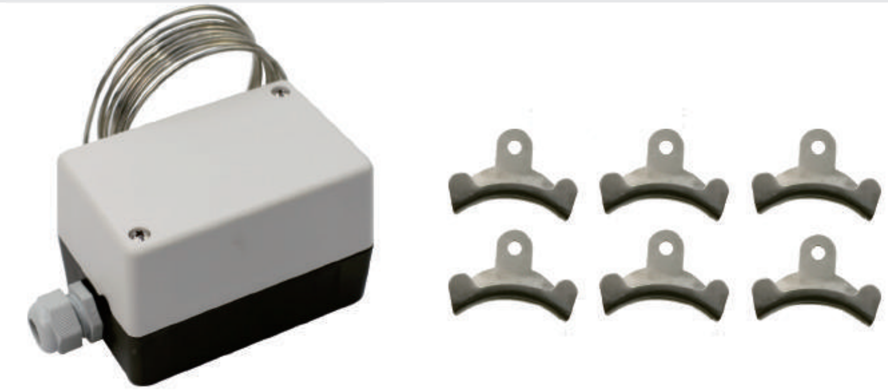
储存温度：-20~60°C
工作温度：2~80°C
最高耐温：95°C
执行器温控范围：20~80°C
适用介质：水、乙二醇溶液
KVS：5.5³m/h

Mode	Interface nut	Outer interface nut	Supervisor Path	Supervisor spacing	Branch pipe spacing	Pressure difference	Working pressure	KVS
TMA01A01	G1½"	G 1"	1"	125mm	50mm	1bar	5bar	5.5³m/h

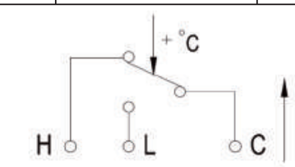
Pressure test	Storage temperature	Operating temperature	Maximum temperature resistance	Actuator temperature control range	Applicable medium
6bar	-20~60°C	2~80°C	95°C	20~80°C	Water, glycol solution



Anti-frost thermostat



ST-W

产品名称 Model	ST-W-F18/15A	ST-W-F18/15A2	ST-W-F18/15A3	ST-W-F15/15A	ST-W-F15/15A2	ST-W-F15/15A3
温度范围 Temperature range	-18~15℃	-18~15℃	-18~15℃	-15~15℃	-15~15℃	-15~15℃
差动范围 Differential range	1~5℃	1~5℃	1~5℃	1~5℃	1~5℃	1~5℃
最高温度 Limit temperature	70℃	70℃	70℃	70℃	70℃	70℃
毛细管长度 Capillary length	2000	6000	12000	3000	6000	12000
电器额定值 Electrical rating	16(4)A250VAC	16(4)A250VAC	16(4)A250VAC	16(4)A250VAC	16(4)A250VAC	16(4)A250VAC
外形尺寸 Dimensions	133x70.5x72mm	133x70.5x72mm	133x70.5x72mm	133x70.5x72mm	133x70.5x72mm	133x70.5x72mm
线路图 Wire diagram						

Ts: 本体温度 Body temperature　　Tb: 感温部温度 Temperature Sensing Department　　Ts＞Tb

Capillary Thermostat

F3000

F3000C

WPR-35LA
WPR-40L

A2000
(WPR-35LB)

F2000
(WPR-35L)

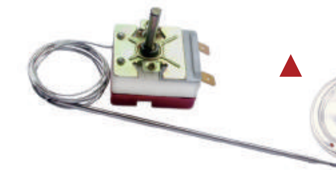
产品名称 Model	工作温度范围 Temperature range	电气额定值 Electrical rating	差动 Switching differential	毛细管长度 Capillary length
A2000 (WPR-35LB)	-35°C~+35°C	16(4)A/250VAC	≤3.5°C	180mm
F2000 (WPR-35L)	-35°C~+35°C	16(4)A/250VAC	2°C±1.5°C	1800mm
F3000	-35°C~+35°C	16(4)A/250VAC	≤3.5°C	180mm
F3000C	-35°C~+35°C	16(4)A/250VAC	2°C±1.5°C	1750mm
WPR-35LA	-35°C~+35°C	16(4)A/250VAC	2°C±1.5°C	1800mm
WPR-40L	0°C~40°C	16(4)A/250VAC	2°C±1.5°C	1800mm

Capillary Thermostat

G series

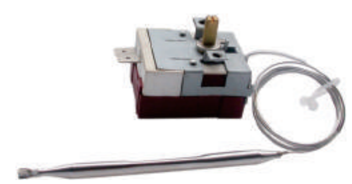
GF series

HE series



E series

附件 Accessory



V series

F series

C series

CA series

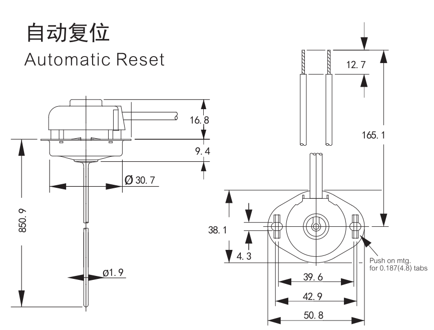
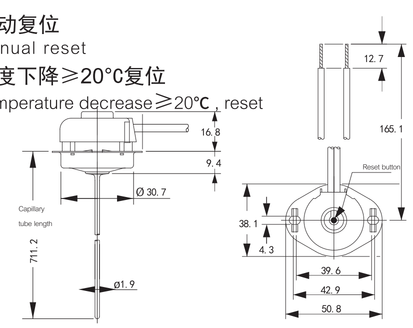
附件 Accessory

产品名称 Model	工作温度范围 Temperature range	差动 Switching differential	电器额定值 Electrical rating	毛细管长度 Capillary length	安装孔距 Installation Size	外形尺寸 Dimensions	附件 Accessory
G series	0~90°C 0~120°C 50°C~300°C	2°C~10°C	16(4)A 250VAC	1000/1500mm	28mm	44x32x60mm	■
GF series	70~90°C 90~110°C	手动复位 Manual reset 温度下降≥20°C复位 Temperature decrease ≥20°C , reset	16(4)A 250VAC	1000/1500mm	28mm	44x32x54mm	–
HE series	-35~+35°C 0~40°C 0°C~90°C	<3°C <2.5°C <3.5°C	22A 250VAC	1000/1500mm	28mm	58x56.8x52.5mm	■
E series	50~300°C 50~320°C	10±2°C	16(4)A 250VAC	1000mm	28mm	51.5x35x51mm	▲
V series	0~120°C	5±2°C	16(4)A 250VAC	1000mm	28mm	58x35.1x40mm	–
F series	80°C 275°C	手动复位 Manual reset 温度下降≥20°C复位 Temperature decrease ≥20°C , reset	16(4)A 250VAC	1200mm	28mm	42x33.5x52mm	–

产品名称 Model	工作温度范围 Temperature range	差动 Switching differential	电器额定值 Electrical rating	毛细管长度 Capillary length	安装孔距 Installation Size	外形尺寸 Dimensions	附件 Accessory
C series	0~90°C 0~120°C 0~210°C 50°C~300°C	2°C~10°C	16(4)A 250VAC	1000/1500mm	28mm	53x37x52mm	
CA series	90°C 90~110°C 100°C 300°C	手动复位 Manual reset 温度下降≥20°C复位 Temperature decrease ≥20°C , reset	C-1 0.5A 250VAC C-2 16(4)A 250VAC	1000/1500mm	28mm	51.5x35x51mm	–

FT-90
FT-99

FT-90-M
FT-99-M

产品名称 Model	FT-90	FT-99	FT-90-M	FT-99-M
工作温度范围 Temperature range	90±6°C	99±6°C	90±6°C	99±6°C
差动 Switching differential	25±15°C	25±15°C	25±15°C	25±15°C
电器额定值 Electrical rating	25A 120V/240V/277VAC	25A 120V/240V/277VAC	25A 120V/240V/277VAC	25A 120V/240V/277VAC
毛细管长度 Capillary length	2000mm, 1450mm, 950mm, 500mm	2000mm, 1450mm, 950mm, 500mm	2000mm, 1450mm, 950mm, 500mm	2000mm, 1450mm, 950mm, 500mm
外形尺寸 Overall dimensions	自动复位 Automatic Reset 		手动复位 Manual reset 温度下降≥20°C复位 Temperature decrease≥20℃ , reset 	

Y108563A

WL-0.5

WL-OE

WL-1A

WL-OC

WL-4A

WL-0.5KB

WPF21I

DWL-2

DWLF-2D

33D907543

■ 适用于制冷、供暖以及感应经过管道的液体流量变化，起到开关信号作用，根据不同的流量需要，开关可以进行调节。
Suitable for cooling, heating and adjust the liquid flow through piping, play the role of the switching signal, the switch can be adjusted based on the flow required.

FS-25
电源电压：20(6)A 220~250VAC
最大工作压力：1MPa
接口：1"
最大管径：6"
流体温度：-20~120°C
防护等级：IP42

FS-25B
电源电压：20(6)A 220~250VAC
最大工作压力：1MPa
接口： 1"
最大管径：6"
流体温度：-20~120°C
防护等级：IP42

Model	Supply power	Maximum admissible static pressure	Installation size	Protection	Largest diameter	Temperature of liquid
FS-25	20(6)A 220~250VAC	1MPa	1"	IP42	6"	-20~120°C
FS-25B	20(6)A 220~250VAC	1MPa	1"	IP42	6"	-20~120°C

这款开关用于监测管道里的空气流量。
This paddle switch is intended to monitor air flow within a duct and provides a switched output on detection of either a specific air velocity or flow failure.

FS-25A
电源电压：20(6)A 220~250VAC
最大工作压力：1MPa
接口：1"
最大管径：6"
流体温度：-20~100°C
防护等级：IP65

FS-25C
电源电压：20(6)A 220~250VAC
流体温度：-20~120°C
防护等级：IP60

Model	Supply power	Maximum admissible static pressure	Installation size	Protection	Largest diameter	Temperature of liquid
FS-25A	20(6)A 220~250VAC	1MPa	1"	IP65	6"	-20~100°C
FS-25C	20(6)A 220~250VAC			IP60		-20~100°C

这款开关主要用于控制液体位置,最大工作压力为0.5MPa
This switch is mainly used to control liquid level in a tank or vessel, to provide a switched output to provide local alarm pump or valve control.
Maximum admissible static pressure: 0.5MPa

LS-25A
电源电压：16(4)A 220~250VAC
最大工作压力：1MPa
接口：1"
流体温度：-20~85°C
防护等级：IP65

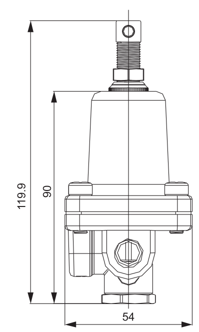
Model	Supply power	Maximum admissible static pressure	Installation size	Protection	Temperature of liquid
LS-25A	16(4)A 220~250VAC	1MPa	1"	IP65	-20~85°C

流量调整范围（^{3}m/h）

	最小 min		最大 max	
尺寸	流量减小 Floe decrease	流量增加 Floe increase	流量减小 Floe decrease	流量增加 Floe increase
1"	0.6	2	1	2.1
2"	2.2	5.7	3.1	6.1
3"	4.3	10.7	6.2	11.4

30PT96-30PV02

30PV03-30PV13



应用于非饮用水系统，种植业和通用管道系统。超大孔和手柄的调整。

Non-potable water application, farming, general-purpose piping system applications. Oversized orifice and handle adjustment.

产品名称 Model	进口尺寸 Inlet Size	出口尺寸 Outlet Size	压力调节范围 Pressure Adjustment Range	最大温度 Max. Temp.	最大压力 Max.Pressure
30PT96	1/4''	1/4''	1 to 25 psi	140 Degrees F	300 psi
30PT97	1/4''	1/4''	3 to 50 psi	140 Degrees F	300 psi
30PT98	3/8''	3/8''	1 to 25 psi	140 Degrees F	300 psi
30PT99	3/8''	3/8''	3 to 50 psi	140 Degrees F	300 psi
30PV01	1/2''	1/2''	1 to 25 psi	140 Degrees F	300 psi
30PV02	1/2''	1/2''	3 to 50 psi	140 Degrees F	300 psi
30PV03	1/4''	1/4''	1 to 25 psi	140 Degrees F	300 psi
30PV04	1/4''	1/4''	3 to 50 psi	140 Degrees F	300 psi
30PV05	1/4''	1/4''	10 to 125 psi	140 Degrees F	300 psi
30PV06	3/8''	3/8''	1 to 25 psi	140 Degrees F	300 psi
30PV07	3/8''	3/8''	3 to 50 psi	140 Degrees F	300 psi
30PV08	3/8''	3/8''	10 to 125 psi	140 Degrees F	300 psi
30PV09	3/8''	3/8''	50 to 175 psi	140 Degrees F	300 psi
30PV10	1/2''	1/2''	1 to 25 psi	140 Degrees F	300 psi
30PV11	1/2''	1/2''	3 to 50 psi	140 Degrees F	300 psi
30PV12	1/2''	1/2''	10 to 125 psi	140 Degrees F	300 psi
30PV13	1/2''	1/2''	50 to 175 psi	140 Degrees F	300 psi

Notes