

CONTROL SOLUTIONS
HVAC & Building Automation





ABOUT US

Hexa Controls is a Turkish brand that concentrated in a BAS (Building Automation Systems) equipments, a HVAC (Heating, Ventilating and Air Conditioning) sensing and controlling equipments, which our engineers develop and design according the needs of the market and they are produced at several authorized factories in China.

Hexa Controls headquarters in Istanbul, TURKEY, and we serve clients in more than 15 countries. Our mission is to enable superior returns on clients' needs through best-in-class high technology equipments and solutions.

Our business with OEMs (Original Equipment Manufacturers) is more than 30% of our turnover. System integration for BMS (Building Management Systems) is part of our business too.

Our senior management team has an average of 25 years of domestic and international BAS and HVAC experience and a strong history of business, academic and technological accomplishments. Since, we established Hexa Controls brand in 2009, we will keep doing the best for the quality and will follow new technologies to improve our products.

We humbly dream that Hexa Controls will come over a very known and trustable brand, presents new technologies and BAS & HVAC product all over the world very well.

Our vision of the future has been a driving force behind our success.

Path to the future

**Fan Coil
Thermostats**
Page : 3-11



**Heating
Thermostats**
Page : 12-16



**Switches &
X'tats**
Page : 17-20



**Transmitters
& Sensors**
Page : 21-24



**Damper
Actuators**
Page : 25-28



**Control Valves
& Actuators**
Page : 29-34



Features

The “RT226-E” series thermostats are designed to control the room temperature in industrial, commercial and residential environment via controlling the fan coil units (with or without motorized valve), damper, diffuser etc. The thermostat controls the valve to reach the set point. This product is very easy to use, suitable with every fan coil units.



- Part Number** : RT226-E3
- Specifications** : 2 pipe Fan Coil Systems
3 speed (H/M/L) thermostatic fan control
2 or 3 point actuator On/Off control
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 10 ~ 30°C (heat / cool mode)
- Accuracy** : ±1°C
- Load Current** : 2A (fan output)
- Color** : White
- Installation** : Surface mounting
- Dimensions** : 130X85X40mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



- Part Number** : RT226-E4
- Specifications** : 2 or 4 pipe Fan Coil Systems
3 speed (H/M/L) thermostatic fan control
2 point actuator On/Off control
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 10 ~ 30°C (heat / cool mode)
- Accuracy** : ±1°C
- Load Current** : 2A (fan output)
- Color** : White
- Installation** : Surface mounting
- Dimensions** : 130X85X40mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	System	Communication Function	Fan Output Signal	Actuator Output Signal	External Sensor	Room Card
RT226-E3	2 pipe	Stand-alone	3 Speed (H/M/L) On/Off Thermostatic Control 230V AC	2 or 3 point On/Off 230V AC	Not Available	Not Available
RT226-E4	2 or 4 pipe			2 point On/Off 230V AC		

Features

The “RT226-R” and “RT226-G” series thermostats are stand-alone microprocessor based thermostats with LCD display. The thermostats are designed to on/off control the fans, valves, dampers or in fan coil units, air-conditioners and heating applications. Models are available for heating/cooling / ventilating control of 2-pipe or 4-pipe fan coil units. Fan speed can be manually controlled by the fan speed control pushbutton. It is wired to run high/medium/low speed continuously or to automatically change the fan speed, while with other models there is a choice of running the fan continuously, or cycling it with the thermostat.



- Part Number** : RT226-R2 / RT226-R4
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 10 ~ 30°C (heat / cool mode)
- Accuracy** : ±1°C
- Load Current** : 2A (fan output), 0.5A (valve output)
- Valve Control** : 2 or 3 point actuator On/Off control
- Fan Control** : 3 speed (H/M/L) thermostatic fan control
- Color** : White
- Installation** : Flush mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



- Part Number** : RT226-G2 / RT226-G4
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 5 ~ 35°C
- Limiting Temperature** : Min. / Max. set point limiting
- Accuracy** : ±0.5 °C
- Load Current** : 2A (fan output), 0.5A (valve output)
- Valve Control** : 2 point actuator On/Off control
- Fan Control** : 3 speed (H/M/L) thermostatic fan control
- Color** : White
- Installation** : Flush mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	System	Communication Function	Fan Output Signal	Actuator Output Signal	External Sensor	Room Card
RT226-R2	2 pipe	Stand-alone	3 Speed (H/M/L) On/Off Thermostatic Control 230V AC	2 or 3 point On/Off 230V AC	Not Available	Not Available
RT226-R4	2 or 4 pipe					
RT226-G2	2 pipe					
RT226-G4	2 or 4 pipe					

Features

The "RT226-F" series thermostats are a switching model fan coil thermostat, with clear light blue backlight and the lens protective screen. Applicable to air conditioning fan coil system, through controlling the terminal equipment, such as fan coil units, electric valves, electric ball valves or air valve is opening or closing control, reach adjusting indoor temperature, comfortable and energy-saving. It's applicable to both air conditioning control two pipe or four pipe water system or air duct system.



Model	: RT226-F
Power Source	: 24V AC and 230V AC options
Setting Range	: 5 ~ 35°C
Accuracy	: ±1°C
Load Current	: 8A (fan output), 3A (valve output)
Valve Control	: On/Off (2 or 3 point) and Proportional options
Fan Control	: On/Off (H/M/L) and Proportional options
Color	: White
Installation	: Surface mounting
Dimensions	: 120×82×28mm
Warranty	: 2 years
Certificates	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)

Cool, heating, auto three mode optional.

Stand-alone, RS485 Modbus, VAV, EC Fan, Proportional valve, PID output control.

For proportional controls, show the fan speed and opening percentages.

Display shows both set points and room temperature simultaneously.

Permanent user setting retention during power loss, no batteries are required.

Select min. and max. setting temperature (cooling 5 to 20°C, heating 20 to 50°C).

Part Numbers	System	Communication Function	Fan Output Signal	Actuator Output Signal	External Sensor	Room Card
RT226-F4	2 or 4 pipe	RS485 Modbus RTU	3 Speed (H/M/L) On/Off Control	2 or 3 point On/Off 230V AC	✓	✓
RT226-F5			0~10V DC / 4~20mA 24V AC		✓	✓
RT226-F6		Stand-alone	3 Speed (H/M/L) On/Off Thermostatic Control 230V AC	2 or 3 point On/Off 24V AC	Not Available	
RT226-F7			0~10V DC / 4~20mA 24V AC		✓	✓
RT226-F8			3 Speed (H/M/L) On/Off	2 or 3 point On/Off 230V AC	✓	✓
RT226-F9			Thermostatic Control 230V AC	0~10V DC 4~20mA	✓	✓
RT226-F10		RS485 Modbus RTU				



Features

The “RT226-B” series thermostats are stand-alone microprocessor based thermostats with touch screen LCD display. The thermostats are designed to on/off control the fans, valves, dampers or in fan coil units, air-conditioners and heating applications. Models are available for heating/cooling / ventilating control of 2-pipe or 4-pipe fan coil units. Fan speed can be manually controlled by the fan speed control pushbutton. It is wired to run high/medium/low speed continuously or to automatically change the fan speed, while with other models there is a choice of running the fan continuously, or cycling it with the thermostat.



- Part Number** : RT226-B12 / RT226-B14
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 10 ~ 30°C (heat / cool mode)
- Accuracy** : ±1°C
- Load Current** : 2A (fan output), 0.5A (valve output)
- Valve Control** : 2 or 3 point actuator On/Off control
- Fan Control** : 3 speed (H/M/L) thermostatic fan control
- Color** : Black
- Installation** : Flush mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



- Part Number** : RT226-B22 / RT226-B24
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 5 ~ 35°C (heat / cool mode)
- Accuracy** : ±1°C
- Load Current** : 2A (fan output), 0.5A (valve output)
- Valve Control** : 2 point actuator On/Off control
- Fan Control** : 3 speed (H/M/L) thermostatic fan control
- Color** : White
- Installation** : Flush mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	System	Communication Function	Fan Output Signal	Actuator Output Signal	External Sensor	Room Card
RT226-B12	2 pipe	Stand-alone	3 Speed (H/M/L) On/Off Thermostatic Control 230V AC	2 or 3 point On/Off 230V AC	Not Available	Not Available
RT226-B14	2 or 4 pipe					
RT226-B22	2 pipe					
RT226-B24	2 or 4 pipe					



Features

The “RT226-W” model is a new design wireless thermostat to control 2-pipe or 4-pipe fan coil unit and controller that can be placed anywhere at offices, hotels, hospitals, residential places and houses.

The RT226-W” thermostat pack consists of a duct module room thermostat, receiver and a relay box. No wiring to the room unit is required. The installer only needs to wire the receiver to the controlled device (e.g. fan coil unit) and mount the room unit in a suitable location where RF communication is reliable. The “RT226-W” thermostat uses reliable RF communication technology in the 433MHz band. The “RT226-W” large LCD display, symbol display. The unit is ideal for consumers who want reliable and precise temperature control from a modern looking, simple to program and easy-to-use product.



- Part Number** : RT226-W24
- Power Source** : 230V AC, 50/60Hz and 2XAA batteries
- Setting Range** : 5 ~ 35°C (heat / cool mode)
- Accuracy** : ±1°C
- Load Current** : 2A (fan output), 0.1A (valve output)
- Valve Control** : 2 or 3 point actuator On/Off control
- Fan Control** : 3 speed (H/M/L) thermostatic fan control
- Color** : White
- Installation** : Duct module
- Dimensions** : 120×82×28mm (thermostat)
110X80X30mm (receiver)
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



- LCD display with backlight.
- Cool, heating, auto three mode optional.
- Auto fan with adjustable 3-fan speed.
- Thermostatic fan control enable/disable option.
- Maintains the temperature to within 0.5 degree set point.
- Select min. and max. setting temperature for cooling and heating.
- Temperature adjustments are simple with the large up-down arrows.
- Display shows both set points and room temperature simultaneously.
- 2XAA Alkaline batteries required for duct module thermostat.

Part Number	System	Communication Function	Fan Output Signal	Actuator Output Signal	External Sensor	Room Card
RT226-W24	2 or 4 pipe	Wireless (100m)	3 Speed (H/M/L) On/Off Thermostatic Control	2 or 3 point On/Off 230V AC	Not Available	✓

Features

The "RT226-Y and RT226-K" series thermostats are stand-alone microprocessor based thermostats with LCD display. The thermostats are designed to modulating control the fans, valves, dampers or in fan coil units, air-conditioners and heating applications. Models are available for heating/cooling / ventilating control of 2-pipe or 4-pipe fan coil units. Fan speed can be manually controlled by the fan speed control pushbutton. It is wired to run high/medium/low speed continuously or to automatically change the fan speed, while with other models there is a choice of running the fan continuously, or cycling it with the thermostat.



- Part Number** : RT226-Y9
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 5 ~ 60°C (heat / cool mode)
- Accuracy** : ±0.1°C
- Load Current** : 2A (fan output), 0.5A (valve output)
- Valve Control** : Proportional control (0~10V DC / 4-20mA)
- Fan Control** : 3 speed (H/M/L) thermostatic fan control
- Color** : Gray
- Installation** : Flush mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

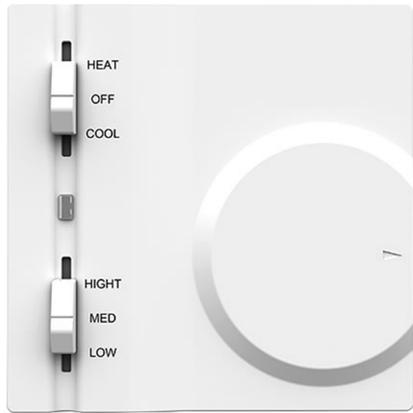


- Part Number** : RT226-K9
- Power Source** : 18 ~ 30VAC, 50/60 Hz
- Setting Range** : 5 ~ 35°C (Min. / Max. set point limiting)
- Accuracy** : White
- Load Current** : ±0.1°C
- Valve Control** : Proportional control (0~10V DC / 4-20mA)
- Fan Control** : 3 speed thermostatic fan control (3A)
- Color** : White
- Installation** : Surface mounting
- Dimensions** : 115X90X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	System	Communication Function	Fan Output Signal	Actuator Output Signal	External Sensor	Room Card
RT226-Y9	2 or 4 pipe	Stand-alone	3 Speed (H/M/L) On/Off Thermostatic Control 230V AC	2 or 3 point On/Off 230V AC	✓	Not Available
RT226-K9				0~10V DC/4~20mA 24V AC		✓

Features

The "RT226-E" and "RT226-A" series thermostats are stand-alone microprocessor based thermostats with LCD display. The thermostats are designed to on/off control the fans, valves, dampers or in fan coil units, air-conditioners and heating applications. Models are available for heating/cooling / ventilating control of 2-pipe or 4-pipe fan coil units. Fan speed can be manually controlled by the fan speed control pushbutton. It is wired to run high/medium/low speed continuously or to automatically change the fan speed, while with other models there is a choice of running the fan continuously, or cycling it with the thermostat.



- Part Number** : RT226-E2
- Specifications** : 2 pipe Fan Coil Systems
3 speed (H/M/L) thermostatic fan control
2 or 3 point actuator On/Off control
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 10 ~ 30°C (heat / cool mode)
- Accuracy** : ±1°C
- Load Current** : 2A (fan output)
- Color** : White
- Installation** : Surface mounting
- Dimensions** : 130X85X40mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



- Model** : RT226-A3
- Power Source** : 230V AC options
- Setting Range** : 5 ~ 35°C
- Accuracy** : ±0.5°C
- Load Current** : 8A (fan output), 3A (valve output)
- Valve Control** : On/Off (2 or 3 point) and Proportional options
- Fan Control** : On/Off (H/M/L) and Proportional options
- Color** : White
- Installation** : Surface mounting
- Dimensions** : 115X90X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	System	Communication Function	Fan Output Signal	Actuator Output Signal	External Sensor	Room Card
RT226-E2	2 pipe	Stand-alone	3 Speed (H/M/L) On/Off Thermostatic Control 230V AC	2 or 3 point On/Off 230V AC	Not Available	Not Available
RT226-A3	2 or 4 pipe				✓	✓



Features

The “RT226-B” series thermostats are BACnet communication based thermostats with screen LCD display. The thermostats are designed to on/off control the fans, valves, dampers or in fan coil units, air-conditioners and heating applications. Models are available for heating/cooling / ventilating control of 2-pipe or 4-pipe fan coil units. Fan speed can be manually controlled by the fan speed control pushbutton. It is wired to run high / medium / low speed continuously or to automatically change the fan speed, while with other models there is a choice of running the fan continuously, or cycling it with the thermostat.



- Part Number** : RT226-B4
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 10 ~ 30°C (heat / cool mode)
- Accuracy** : ±1°C
- Load Current** : 2A (fan output), 0.5A (valve output)
- Valve Control** : 2 or 3 point actuator On/Off control
- Fan Control** : 3 speed (H/M/L) thermostatic fan control
- Color** : Black
- Installation** : Flush mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



- Part Number** : RT226-B5
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 5 ~ 35°C (heat / cool mode)
- Accuracy** : White
- Load Current** : ±1°C
- Valve Control** : 2A (fan output), 0.5A (valve output)
- Fan Control** : 2 or 3 point actuator On/Off control
- Color** : 3 speed (H/M/L) thermostatic fan control
- Installation** : Flush mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	System	Communication Function	Fan Output Signal	Actuator Output Signal	External Sensor	Room Card
RT226-B4	2 or 4 pipe	Stand-alone	3 Speed On/Off Thermostatic Control 230V AC	2 or 3 point On/Off 230V AC	Not Available	✓
RT226-B5						



Features

The “RT226-G” and “RT226-H” series thermostats are ModBus communication microprocessor based thermostats with LCD display. The thermostats are designed to on/off control the fans, valves, dampers or in fan coil units, air-conditioners and heating applications. Models are available for heating/cooling / ventilating control of 2-pipe or 4-pipe fan coil units. Fan speed can be manually controlled by the fan speed control pushbutton. It is wired to run high/medium/low speed continuously or to automatically change the fan speed, while with other models there is a choice of running the fan continuously, or cycling it with the thermostat.



- Model** : RT226-G22
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 5 ~ 35 °C (heat / cool mode)
- Accuracy** : ±0,5 °C
- Load Current** : 2A (fan output), 0.5A (valve output)
- Valve Control** : 2 or 3 point actuator On/Off control
- Fan Control** : 3 speed (H/M/L) thermostatic fan control
- Color** : White
- Installation** : Flush mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificate** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



- Model** : RT226-H24
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 5 ~ 35°C (heat / cool mode)
- Accuracy** : White
- Load Current** : ±1°C
- Valve Control** : 2A (fan output), 0.5A (valve output)
- Fan Control** : 2 point actuator On/Off control
- Color** : 3 speed (H/M/L) thermostatic fan control
- Installation** : Flush mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	System	Communication Function	Fan Output Signal	Actuator Output Signal	External Sensor	Room Card
RT226-G22	2 pipe	RS485 Modbus RTU	3 Speed On/Off Thermostatic Control 230V AC	2 or 3 point On/Off 230V AC	Not Available	Not Available
RT226-H24	2 or 4 pipe					



Features

The "RT226-M" series thermostats are ModBus communication microprocessor based thermostats with LCD display. The thermostats are designed to on/off control the fans, valves, dampers or in fan coil units, air-conditioners and heating applications. Models are available for heating/cooling / ventilating control of 2-pipe fan coil units. Fan speed can be manually controlled by the fan speed control pushbutton. It is wired to run high/medium/low speed continuously or to automatically change the fan speed, while with other models there is a choice of running the fan continuously, or cycling it with the thermostat.



- Part Number** : RT226-M22
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 10 ~ 35°C
- Accuracy** : ±1°C
- Load Current** : 2A (fan output), 0,5A (valve output)
- Valve Control** : 2 point actuator On/Off control
- Fan Control** : 3 speed (H/M/L) thermostatic fan control
- Color** : White
- Installation** : Flush mounting
- Dimensions** : 86×86×18mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



- Part Number** : RT226-M32
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 5 ~ 35°C
- Accuracy** : ±0,5°C
- Load Current** : 2A (fan output), 0,5A (valve output)
- Valve Control** : 2 point actuator On/Off control
- Fan Control** : 3 speed (H/M/L) thermostatic fan control
- Color** : White
- Installation** : Flush mounting
- Dimensions** : 86×86×18mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	System	Communication Function	Fan Output Signal	Actuator Output Signal	External Sensor	Room Card
RT226-M22	2 pipe	RS485 Modbus RTU	3 Speed On/Off Thermostatic Control 230V AC	2 point On/Off 230V AC	Not Available	Not Available
RT226-M32						



Features

The “RT226-A” model thermostat is suitable for temperature control for floor heating applications to control valve or electrical heater. The thermostat is also can be used to control the temperature and fresh air by controlling damper actuator.

This model has been designed to be especially user friendly and features a simple and precise round that’s been celebrated for its easy of use and precision. Featuring a decorative covering ring to cover surrounding wall tat is a modern classic that has earned its distinction as a top end thermostat.

It is high technology to monitor energy usage. This thermostat is also can be control by IOS or Android smart cell phones.



- Part Number** : RT226-A2
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 5 ~ 35°C (heat / cool mode)
- Accuracy** : ±1°C
- Load Current** : 2A (fan output), 0.5A (valve output)
- Valve Control** : 2 point actuator On/Off control
- Fan Control** : 3 speed (H/M/L) thermostatic fan control
- Color** : White
- Installation** : Flush mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



Part Number	System	Communication Function	Fan Output Signal	Actuator Output Signal	External Sensor	Room Card
RT226-A2	2 pipe	Stand-alone WIFI	3 Speed On/Off Thermostatic Control 230V AC	2 or 3 point On/Off 230V AC	Not Available	Not Available

Features

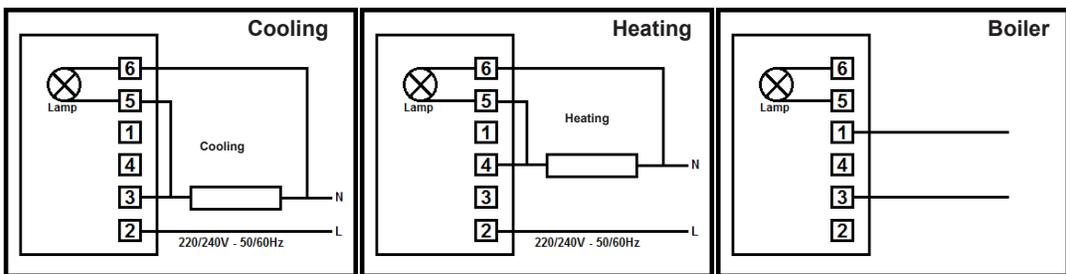
The "RT226-E5" model thermostat is suitable for temperature control for fan coil, electrically operated valve, power-driven air valve, 2 point spring return or 3 point On/Off control damper actuators and power-driven air inlet of the central air condition with beautiful appearance, comfortable hand feel and stable performance.

This model has been designed to be especially user friendly and features a simple and precise round that's been celebrated for its ease of use and precision. Featuring a decorative covering ring to cover surrounding wall marks, the Round Heat/Cool Only Manual Thermostat is a modern classic that has earned its distinction as a top end thermostat.



Part Number	: RT226-E5
Power Source	: 230V AC, 50/60Hz
Setting Range	: 10 ~ 30°C
Accuracy	: ±1°C
Load Current	: 6A
Output Signal	: 2 or 3 point On/Off control
Color	: White
Installation	: Surface mounting
Dimensions	: 86X86X15mm
Warranty	: 2 years
Certificates	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)

The RT226-E5 Heating Thermostat adopt NTC sensor. Output relay controls the on/off the motorized valve or heating equipment. When room temperature is 1 degree centigrade lower than set-point, thermostat opens the valve. When they are equal, it closes the valve or heating equipment.



Models	Usage Area	System	Output Signal	Week Programmable	External Sensor	Room Card
RT226-E5	Floor Heating, Boiler, Heating, Cooling, Valve or Damper Actuator	Stand-alone	2 or 3 point On/Off 230V AC	Not Available	Not Available	Not Available

Features

The “RT226-E6 and “RT226-E7” models are non-programmable thermostats designed to control either heat only or cool only, boilers, wall hanging stoves, fan coil, electrically operated valve, power-driven air valve, 2 point spring return or 3 point On/Off control damper actuators and power-driven air inlet of the central air condition with beautiful appearance, comfortable hand feel and stable performance. This model has been designed to be especially user friendly and features a simple and precise round that’s been celebrated for its ease of use and precision. Featuring a decorative covering ring to cover surrounding wall marks, the Round Heat/Cool Only Manual Thermostat is a modern classic that has earned its distinction as a top end thermostat.



- Part Number** : RT226-E6
- Power Source** : 2XAA Alkaline Batteries
- Setting Range** : 5 ~ 35°C (heat / cool mode)
- Accuracy** : ±1°C
- Load Current** : 2A
- Output Signal** : 2 or 3 point On/Off control
- Color** : White
- Installation** : Surface mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



- Part Number** : RT226-E7
- Power Source** : 2XAA Alkaline Batteries (thermostat)
230V AC, 50/60Hz (receiver)
- Setting Range** : 5 ~ 35°C (heat / cool mode)
- Accuracy** : ±1°C
- Load Current** : 2A
- Output Signal** : 2 or 3 point On/Off control
- Color** : White
- Installation** : Surface mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	Usage Area	System	Output Signal	Week Programmable	External Sensor	Room Card
RT226-E6	Floor Heating, Boiler, Heating, Cooling, Valve or Damper Actuator	Stand-alone	2 or 3 point On/Off 230V AC	Not Available	Not Available	Not Available
RT226-E7		Wireless (100m)				



Features

The “RT226-U” series are weekly-programmable thermostats designed to control either heat only or cool only, boilers, wall hanging stoves, fan coil, electrically operated valve, power-driven air valve, 2 point spring return or 3 point On/Off control damper actuators and power-driven air inlet of the central air condition with beautiful appearance, comfortable hand feel and stable performance.

This model has been designed to be especially user friendly and features a simple and precise round that’s been celebrated for its ease of use and precision. Featuring a decorative covering ring to cover surrounding wall marks, the Round Heat/Cool Only Manual Thermostat is a modern classic that has earned its distinction as a top end thermostat.



- Part Number** : RT226-U1
- Power Source** : 2XAA Alkaline Batteries
- Setting Range** : 5 ~ 35°C (Min. / Max. set point limiting)
- Accuracy** : ±1 °C
- Load Current** : 6A
- Output Signal** : 2 or 3 point On/Off control
- Color** : White
- Installation** : Surface mounting
- Dimensions** : 115X90X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



- Part Number** : RT226-U2
- Power Source** : 2XAA Alkaline Batteries (thermostat)
230V AC, 50/60Hz (receiver)
- Setting Range** : 5 ~ 35°C (Min. / Max. set point limiting)
- Accuracy** : ±1 °C
- Load Current** : 2A
- Output Signal** : 2 or 3 point On/Off control
- Color** : White
- Installation** : Surface mounting
- Dimensions** : 115X90X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	Usage Area	System	Output Signal	Week Programmable	External Sensor	Room Card
RT226-U1	Floor Heating, Boiler, Heating, Cooling, Valve or Damper Actuator	Stand-alone	2 or 3 point On/Off 230V AC	7 days	Not Available	Not Available
RT226-U2		Wireless (100m)		5+1+1 days 5+2 days disable program	✓	

Features

The “RT226-R” and “RT226-C” series thermostat is suitable for temperature control for electric floor heatings, fan coil, electrically operated valve, power-driven air valve, 2 point spring return or 3 point On/Off control damper actuators and power-driven air inlet of the central air condition with beautiful appearance, comfortable hand feel and stable performance.

This model has been designed to be especially user friendly and features a simple and precise round that’s been celebrated for its ease of use and precision. Featuring a decorative covering ring to cover surrounding wall marks, the Round Heat/Cool Only Manual Thermost-



Part Number	: RT226-R5
Power Source	: 230V AC, 50/60Hz
Setting Range	: 10 ~ 30 °C (heat / cool mode)
Accuracy	: ±1 °C
Load Current	: 16A
Output Signal	: 2 or 3 point On/Off control
Color	: Black
Installation	: Flush mounting
Dimensions	: 86X86X15mm
Warranty	: 2 years
Certificate	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)



Part Number	: RT226-C11
Power Source	: 230V AC, 50/60Hz
Setting Range	: 5 ~ 35 °C (heat / cool mode)
Accuracy	: ±1 °C
Load Current	: 16A
Output Signal	: 2 point On/Off control
Color	: White
Installation	: Flush mounting
Dimensions	: 86X86X15mm
Warranty	: 2 years
Certificates	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)

Part Number	Usage Area	System	Output	Week Programmable	External Sensor	Room Card
RT226-R5	Floor Heating, Boiler, Heating or Cooling, Wall hanging stove	Stand-alone	2 or 3 point On/Off 230V AC	✓	✓	Not Available
RT226-C11				Not Available	✓	

Features

The “RT226-C” and “RT226-T” series thermostat is suitable for temperature control for electric floor heatings, fan coil, electrically operated valve, power-driven air valve, 2 point spring return On/Off control damper actuators and power-driven air inlet of the central air condition with beautiful appearance, comfortable hand feel and stable performance.

This model has been designed to be especially user friendly and features a simple and precise round that’s been celebrated for its ease of use and precision. Featuring a decorative covering ring to cover surrounding wall marks, the Round Heat/Cool Only Manual Thermost-



- Part Number** : RT226-C14
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 10 ~ 30 °C (heat / cool mode)
- Accuracy** : ±1 °C
- Load Current** : 16A
- Output Signal** : 2 or 3 point On/Off control
- Color** : White
- Installation** : Wall mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificate** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



- Part Number** : RT226-T5
- Power Source** : 230V AC, 50/60Hz
- Setting Range** : 5 ~ 35 °C (heat / cool mode)
- Accuracy** : ±0.1 °C
- Load Current** : 16A
- Output Signal** : 2 point On/Off control
- Color** : Black (White option)
- Installation** : Flush mounting
- Dimensions** : 86X86X15mm
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	Usage Area	System	Output	Week Programmable	External Sensor	Room Card
RT226-C14	Floor Heating, Boiler, Heating or Cooling, Wall hanging stove	Stand-alone	2 point On/Off 230V AC	Not Available	Not Available	Not Available
RT226-T5						

Features

The DPS is an adjustable differential pressure switch capable of detecting miniscule changes in pressure do to its size and proven design. The DPS series differential pressure switch monitors differential pressure caused by pressure loss of air filters for air conditioning and issues clogged air filter alarm. It is also used to monitor and control pressure of clean rooms or bio-clean rooms and filters in these rooms.

The DPS is an adjustable differential pressure switch capable of detecting miniscule changes in pressure do to its size and proven design. The switch set point or switching point can be field adjustable with out the need of a manometer by simply using the adjustment knob and the built in calibrated visual scale

The DPS series adjustable differential pressure switches are general-purpose, airflow-proving switches designed for HVAC and building automation applications. It can be used to sense positive, negative, or differential air pressure. It is housed in a rugged plastic enclosure with a removable cover protecting the set point adjustment knob and snap action switch terminals.



Usage Area	: Air
Setting Range	: 20 ~ 2,500 Pa
Max. Operating Pre.	: 10 kPa
Load Current	: 1.5A (0.4A) / 230V AC
Output Signal	: 2 or 3 point On/Off control
Contact Arrange	: One contact, SPDT
Protection	: IP54
Action	: Static, over, under pressure and vacuum
Installation	: Surface mounting
Accessories	: Duct fixing kit is included
Warranty	: 2 years
Certificates	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)

DFK - Duct Fixing Kit

2 pieces 80mm length plastic tubes with integrated mounting plate 1 meter PVC hose and 4 screw

Part Number	Adjustment Range	Switching Differential	Tolerances
DPS-200PA	20 ~ 200 Pa	10 Pa	≤ ±15%
DPS-300PA	30 ~ 300 Pa	10 Pa	≤ ±15%
DPS-400PA	40 ~ 400 Pa	20 Pa	≤ ±15%
DPS-500PA	50 ~ 500 Pa	20 Pa	≤ ±15%
DPS-1000PA	200 ~ 1,000 Pa	100 Pa	≤ ±15%
DPS-2500PA	500 ~ 2,500 Pa	150 Pa	≤ ±15%

Features

The FPT range of thermostats provide a low cost switch output based on the average temperature detected along a 5 meter capillary sensor.

The most common application is for frost protection on fresh air intakes or air-conditioning systems, to prevent the icing up of filters, fans and coils. The capillary is fixed in a matrix across the duct, in a position downstream of the pre-heater or frost coil.

The FPT thermostats are used for regulating, monitoring and alarm systems in industry. FPT thermostats are temperature-operated electric circuit breakers. The thermostats are fitted with a single-pole switch (SPDT). The position of the switch depends on the thermostat setting and sensor temperature. The FPT thermostat can be connected and switch to single-phase alternating current motors of up to about 2 kW.



Usage Area	: Air
Setting Range	: -40 ~ 65°C
Lowest Dif. Temp.	: 5.5 ~ 23°C
Highest Dif. Temp.	: 1.5 ~ 7°C
Load Current	: 10A / 230V AC
Capillary Length	: 5 meter
Contact Arrange	: One contact, SPDT
Protection	: IP54
Action	: Auto or Manual Reset
Installation	: Surface mounting
Warranty	: 2 years
Certificates	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)

FPT frost protection thermostats sense temperature by means of a thermal system, consisting of temperature charge, bulb, capillary and bellows. The temperature charge changes its pressure based on the refrigerant temperature to be sensed. The sensor is the portion of the system which is in thermal contact with the refrigerant, the capillary connects the sensor with the bellows and the bellows contracts or expands depending on the pressure, causing the thermostat to operate the electrical contacts. An exception are capillary type of sensors, which do not have a bulb, instead, their capillary serves as the bulb directly. Charges and sensor types are matched to temperature ranges and other application specific characteristics.

Part Number	Reset Option	Capillary Length	Lowest Differential Temperature	Highest Differential Temperature	Control Range	Load Current
FTP-61	Auto Reset	5 meter	5.5 ~ 23°C	1.5 ~ 7°C	-40 ~ 65°C	10A
FTP-62	Manual Reset					

Features

The LFS series Flow switches are Single-Pole, Double-Throw (SPDT) flow switches used on fluid lines carrying water, ethylene glycol, or other fluids not classified as hazardous. They can be wired to energize one device and de-energize another device powered from the same source when fluid flow either exceeds or drops below the set flow rate.

The AFS series Flow switches are Single- Pole, Double-Throw (SPDT) flow switches used on air. This controls detects also air flow or the absence of air flow in ducts, responding only to the velocity of air movement. The one-piece stainless steel paddle can be trimmed, if necessary. The control is supplied with mounting plate gasket. The range adjusting screw permits field adjustment of flow rate setting.



Usage Area	: Air and Liquid
Liquid Temp. Range	: 5 ~ 80°C
Max. Working Pres.	: 1.6 MPa
Ambient Tmp. Range	: 5°C ~ 100°C
Load Current	: 15A / 230V AC
Output Signal	: 2 or 3 point On/Off control
Contact Arrange	: One contact, SPDT
Flow Paddle Lengths	: 33, 58, 84, 102 and 127mm
Protection	: IP54
Installation	: Female threaded
Warranty	: 2 years
Certificates	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)

Pipe Size		Range (lt/mn)	D Band (lt/mn)	Paddle
DN25	1"	16 ~ 32	6	1
DN32	1 1/4"	22 ~ 50	8	1
DN40	1 1/2"	28 ~ 72	9	1
DN50	2"	50 ~ 110	15	2
DN65	2 1/2"	65 ~ 130	20	2
DN80	3"	100 ~ 200	30	3

Part Number	Usage Area	Thread Dimension		Flow Paddle Lengths	Load Current
LFS-15	Water	DN15	1/2"	33, 58, and 84mm	15A 230V AC
LFS-20		DN20	3/4"		
LFS-25		DN25	1"		
AFS-20	Air	DN20	3/4"		

Features

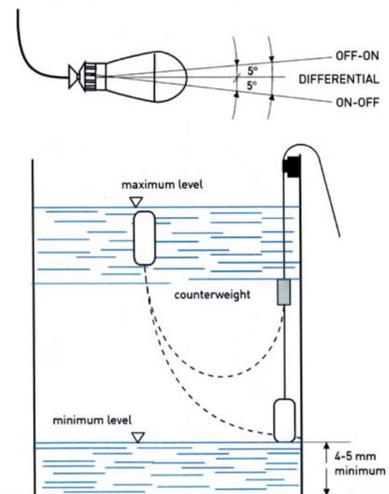
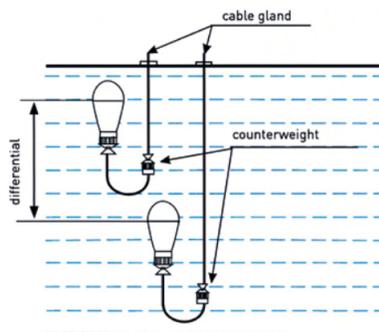
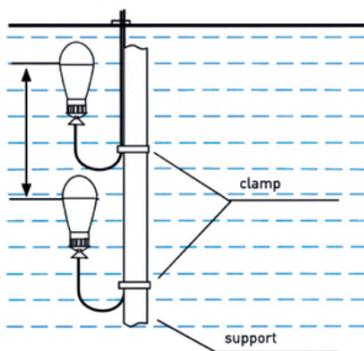
The LS series level switches can output stable and reliable switch control signal of “making”, “breaking” without any fault action, so its reliability is very high and anti interference is strong. It can be used for a long time after it being installed. Almost no maintenance and repairing problem would occur during its operation period.

The liquid level control scope can be adjusted at will with the locating piece moving up and down. Only one screw is needed to secure the signal cable to finish installation.

The product applies to branch water, sewage, acid-base solution of less than medium concentration, oils and situations requiring no



- Usage Area** : Liquid
- Specification** : Choice of cable lengths
Sealed float switch for open tanks
- Submersible Float** : 100m
- Load Current** : 8A / 230V AC
- Output Signal** : 2 or 3 point On/Off control
- Protection** : IP68
- Operating Temp.** : 0 ~ 50°C
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)



Part Number	Usage Area	Cord Length	Operating Temperature	Load Current
LS-05	Liquid	5 meter	0 ~ 50°C	8A 230V AC
LS-10		10 meter		

Features

The TT series temperature transmitters can be used for temperature monitoring and controlling in duct air, water and steam pipe room air or outside air. High performance digital temperature sensor and digital technology applied ensure accurate measurement fast respond and good long term stability. Multiple output selection, over voltage and reverse polarity protection, high reliability and anti-interference capability.

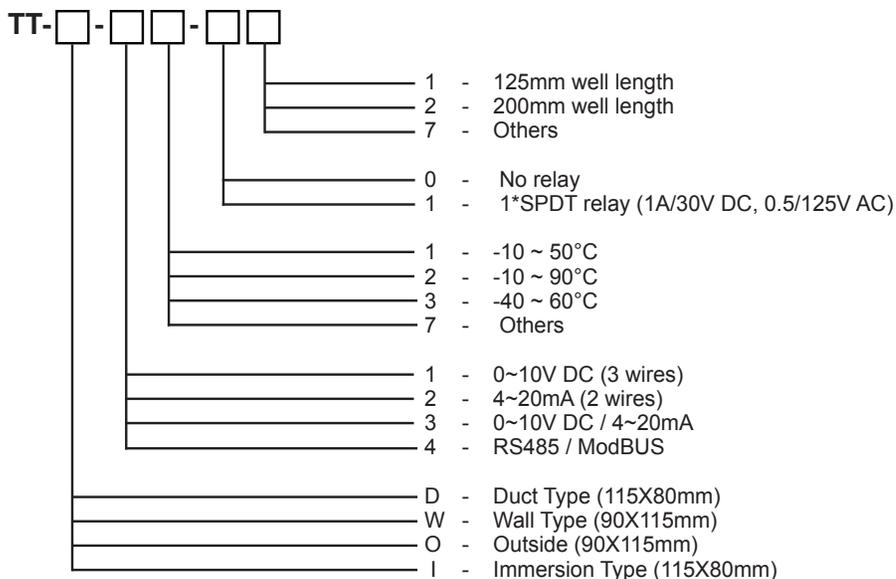
Also optional relay for alarm or On/Off control is available with TT series temperature transmitters.



Usage	: Air and Liquid
Housing	: Fireproof ABS housing, SS probe, SS well
Well Length	: 125 and 200mm options
Work Temperature	: -40 ~ 90°C
Accuracy	: $\leq \pm 0.5^\circ\text{C}@-10 \sim 85^\circ\text{C}$
Output Signal	: 0~10V DC / 4~20mA / RS485 / ModBUS
Power Supply	: 24V AC/DC
Protection	: IP65
Installation	: Duct / Wall / Outside / Immersion Type
Warranty	: 2 years
Certificates	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)

TT series transmitters can be set ranges accuracy $\leq \pm 0.5^\circ\text{C}@-10 \sim 85^\circ\text{C}$ through LCD & function key operation panel; code 7 product can be set all ranges in $-40 \sim 125^\circ\text{C}$ with accuracy $\leq \pm 0.5^\circ\text{C}$.

Refer to working environment ambient guide GB/T4200 and WBGT, etc, the relay default settings are On-30.0°C / Off-29.5°C, and can be customize or set through LCD & function key operation panel.



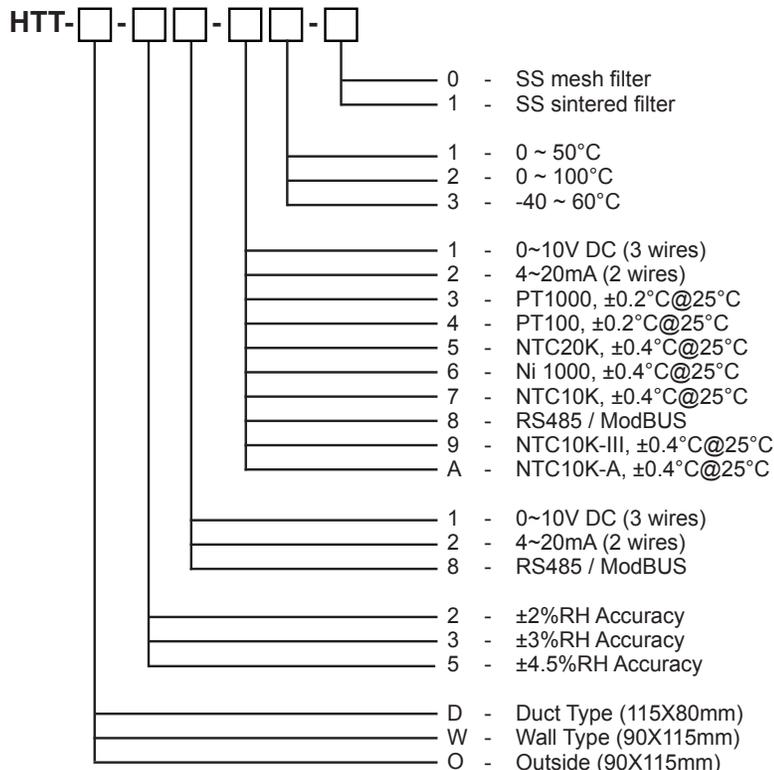
Features

The HTT series humidity and temperature transmitters are design for environment monitoring and controlling in commercial buildings. High performance digital sensors and circuits, ensure accurate measurement and temperature compensation. Digital technology applied, multiple outputs optional, overvoltage and reverse polarity protection, high reliability and anti-interference capability.



Usage Area	: Air
Specification	Digital polymer 0 ~ 100% RH ≤10s (25°C in slow air flow) Digital temperature sensor or RTD / thermistor
Housing	: Fireproof ABS housing, SS probe, SS mesh filter or sintered filter
Output Signal	: 0~10V DC / 4~20mA / RS485 / ModBUS
Power Supply	: 24V AC/DC
Protection	: IP65
Installation	: Duct / Wall / Outside / Immersion Type
Warranty	: 2 years
Certificates	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)

HTT series current products are powered by RH circuit, so the RH circuit must be powered, otherwise it could not work.



Features

DPT-108 series differential pressure transmitters detect differential pressure or gauge pressure then convert this pressure difference to a proportional analogue output signal. Two output version are offered: Voltage output of 0~10VDC, and a current output 4~20mA. DPT-108 series differential pressure transmitter ranges from 0 ~ ±50Pa to 0 ~ ±10000Pa.



Usage area	: Air
Calibration	: Manual with push button or Auto zero calibration when power on
Power Source	: 24V AC/DC
Output Signal	: 0~10V DC / 4~20mA / RS485 / ModBUS
Protection	: ABS industrial plastic housing, IP65
Accessories	: Duct fixing kit is included
Installation	: Surface mounting
Dimensions	: 97X87X35mm
Warranty	: 2 years
Certificates	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)

Part Number	Differential Pressure Range	Output Signal
DPT-108-101D-MOD	±100 Pa	ModBUS RS485
DPT-108-102D-MOD	±1,000 Pa	
DPT-108-103D-MOD	±10,000 Pa	
DPT-108-101G-AL	0 ~ 100 Pa	4~20mA
DPT-108-251G-AL	0 ~ 250 Pa	
DPT-108-501G-AL	0 ~ 500 Pa	
DPT-108-102G-AL	0 ~1,000 Pa	
DPT-108-252G-AL	0 ~ 2,500 Pa	
DPT-108-101G-VL	0 ~ 100 Pa	
DPT-108-251G-VL	0 ~ 250 Pa	
DPT-108-501G-VL	0 ~ 500 Pa	
DPT-108-102G-VL	0 ~ 1,000 Pa	
DPT-108-252G-VL	0 ~ 2,500 Pa	

Part Number	Differential Pressure Range	Output Signal
DPT-108-051D-AL	±50 Pa	4~20mA
DPT-108-101D-AL	±100 Pa	
DPT-108-251D-AL	±250 Pa	
DPT-108-501D-AL	±500 Pa	
DPT-108-102D-AL	±1,000 Pa	
DPT-108-252D-AL	±2,500 Pa	
DPT-108-051D-VL	±50 Pa	0~10V DC
DPT-108-101D-VL	±100 Pa	
DPT-108-251D-VL	±250 Pa	
DPT-108-501D-VL	±500 Pa	
DPT-108-102D-VL	±1,000 Pa	
DPT-108-252D-VL	±2,500 Pa	

DPS-11X



Differential Pressure Transmitter

Features

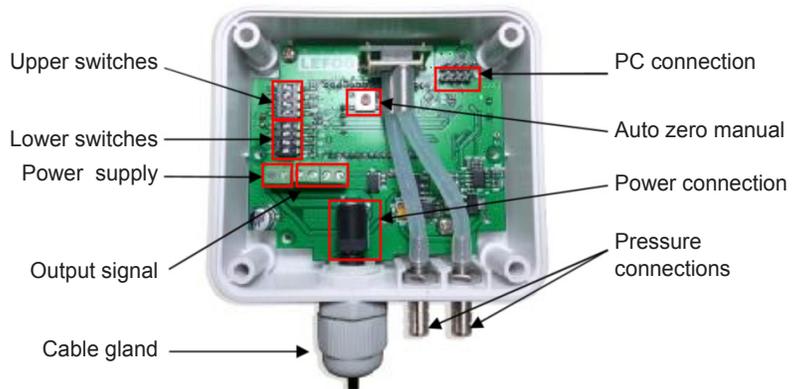
The DPT-11X series differential pressure transmitters are used for measuring low pressure of air and non-combustible gases in order to monitor and control building automation, HVAC and cleanroom systems.



- Usage area** : Air
- Pressure Range** : Adjustable (each sensor contains 10 ranges)
 ± 100 Pa / $\pm 1,000$ Pa / $\pm 10,000$ Pa
 0~100 Pa / 0~1,000 Pa / 0~10,000 Pa
- Calibration** : Manual with push button or
 Auto zero calibration when power on
- Power Source** : 24V AC/DC
- Output Signal** : 0~10V DC / 4~20mA
- Operating Temp.** : 0 ~ 60°C
- Protection** : ABS industrial plastic housing, IP65
- Dimensions** : 104X90X45mm
- Installation** : Surface mounting
- Accessories** : Duct fixing kit is included
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

DFK - Duct Fixing Kit

2 pieces 80mm length plastic tubes with integrated mounting plate 1 meter PVC hose and 4 screw



Part Number	Display	Adjustable Differential Pressure Range (Unidirectional Pressure & Bidirectional Pressure)	Tolerated Over Pressure	Output Signal
DPT-110-NA	NA	± 50 Pa / ± 125 Pa / ± 250 Pa / ± 375 Pa / ± 500 Pa 0~100Pa / 0~250Pa / 0~500Pa / 0~750Pa / 0~1,000Pa	15kPa	0~10V DC 4~20mA
DPT-110-DA	✓			
DPT-112-NA	NA	± 500 Pa / $\pm 1,250$ Pa / $\pm 2,500$ Pa / $\pm 3,750$ Pa / $\pm 5,000$ Pa 0~1,000Pa / 0~2,500Pa / 0~5,000Pa / 0~7,500Pa /	150kPa	
DPT-112-DA	✓			
DPT-116-NA	NA	± 5 Pa / ± 12.5 Pa / ± 25 Pa / ± 37.5 Pa / ± 50 Pa, 0~10Pa / 0~25Pa / 0~50Pa / 0~75Pa / 0~100Pa	4.5kPa	
DPT-116-DA	✓			

Features

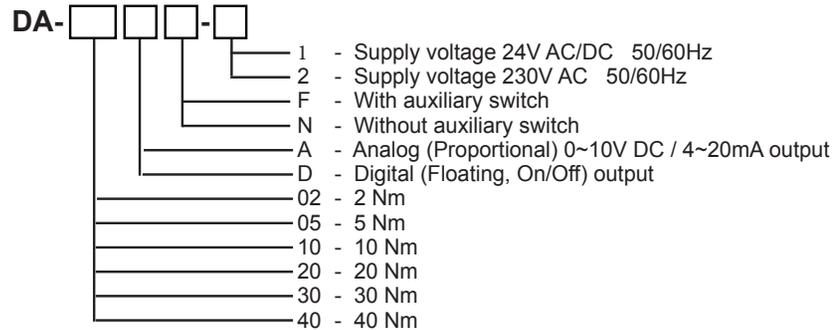
The DA series non-spring return damper actuators can be used to adjust and control damper actuators in HVAC systems. Easy direct installation and no need linkage device to save installation time and cost.

Manual switch control and timely adjustment on site to convert manual location in emergency case. Universal shaft design is useful for adjustment shaft angle on site. Position indicator and baffle board clearly.



- Specifications** : 70,000 circles lifetime
Mechanical Indicator
- Power Source** : 24V AC/DC, 230V AC
- Output Signal** : 0~10V DC / 4~20mA output
2 point / 3 point Floating, On/Off
- Working Temperature** : -20 ~ 50°C
- Ambient Humidity** : 5 ~ 95%
- Protection** : ABS engineering material IP54
- Rotation Angle** : 0 ~ 90° mechanical adjustment
- Warranty** : 2 years
- Certificates** : CE and ISO9000
- Country of Origin** : People Republic of China (PRC)

Part Number Chart



Parameters	2Nm	5Nm	10Nm	20Nm	30Nm	40Nm
Damper Area	0.5m ²	1m ²	2m ²	4m ²	6m ²	8m ²
Running Time	70sn	90sn	100sn	120sn	150sn	180sn
Power Consumption	1.5W	1.5W	2.5W	2.5W	5W	5W
Net Weight	0.5kg	0.5kg	0.9kg	0.9kg	1.4kg	1.4kg
Fail-Safe	Non-Spring Return					

Features

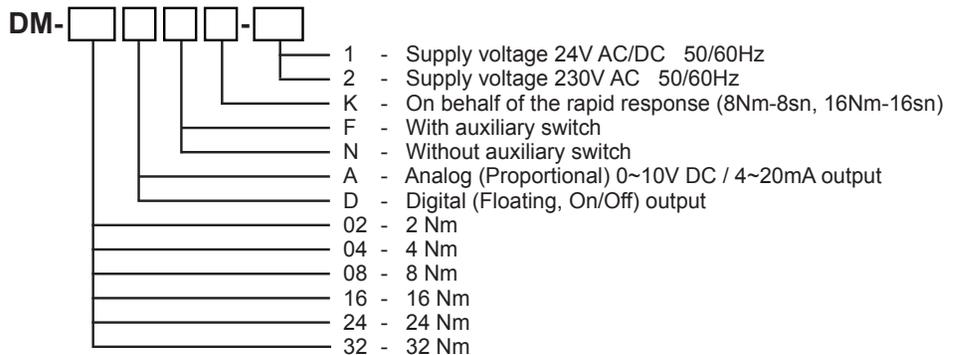
The DM series non-spring return damper actuators are used to adjust to control damper, which are widely used in HVAC, heating, ventilating, air conditioning, refrigeration and building automation systems. Easy direct installation and no need linkage device to save installation time and cost.

Manual switch control and timely adjustment on site to convert manual location in emergency case. Universal shaft design is useful for adjustment shaft angle on site. Position indicator and baffle board clearly.



- Specifications** : 70,000 circles lifetime
Mechanical Indicator
- Power Source** : 24V AC/DC, 230V AC
- Output Signal** : 0~10V DC / 4~20mA output
2 point / 3 point Floating, On/Off
- Working Temperature:** -20 ~ 50°C
- Ambient Humidity** : 5 ~ 95%
- Protection** : ABS engineering material IP54
- Rotation Angle** : 0 ~ 90° mechanical adjustment
- Warranty** : 2 years
- Certificates** : CE and ISO9000
- Country of Origin** : People Republic of China (PRC)

Part Number Chart



Parameters	2Nm	4Nm	8Nm	16Nm	24Nm	32Nm
Damper Area	0.5m ²	1m ²	2m ²	6m ²	6m ²	6m ²
Running Time	25~35sn	60~70sn	35sn	80sn	125sn	140sn
Power Consumption	2.0/1.5W	2.0/1.5W	3.9/4.8W	3.9/4.8W	3.9/4.8W	4W
Net Weight	0.6kg	0.6kg	1.1kg	1.1kg	1.1kg	1.1kg
Fail-Safe	Non-Spring Return					

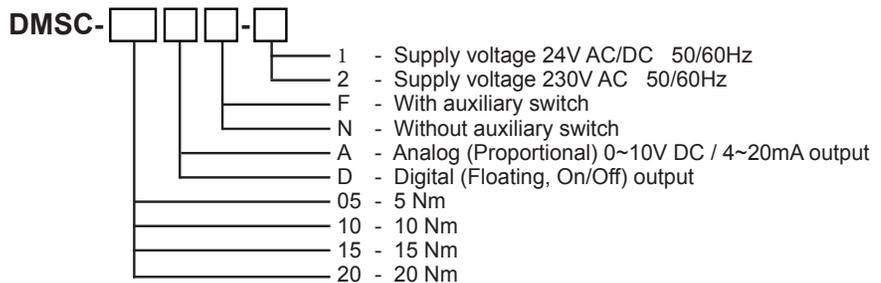
Features

The DMSC series spring return damper actuators can be used to adjust and control damper actuators in HVAC systems. Easy direct installation and no need linkage device to save installation time and cost.

Manual switch control and timely adjustment on site to convert manual location in emergency case. Universal shaft design is useful for adjustment shaft angle on site. Position indicator and baffle board clearly.



- Specifications** : 70,000 circles lifetime
Mechanical Indicator
- Power Source** : 24V AC/DC, 230V AC
- Output Signal** : 0~10V DC / 4~20mA output
2 point / 3 point Floating, On/Off
- Working Temperature** : -20 ~ 50°C
- Ambient Humidity** : 5 ~ 95%
- Protection** : ABS engineering material IP54
- Rotation Angle** : 0 ~ 90° mechanical adjustment
- Warranty** : 2 years
- Certificates** : CE and ISO9000
- Country of Origin** : People Republic of China (PRC)



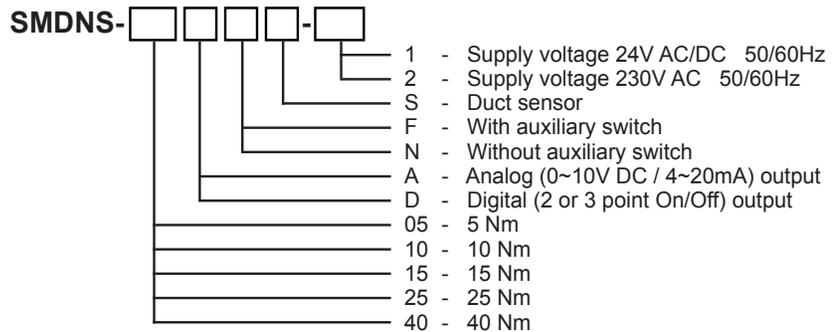
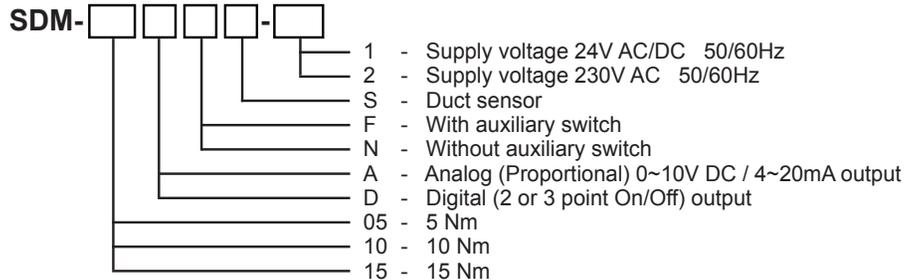
Parameters	5Nm	10Nm	15Nm	20Nm
Damper Area	1m ²	2m ²	3m ²	4m ²
Running Time	70sn	75sn	180sn	180sn
Spring Return Time	20sn	20sn	30sn	30sn
Power Consumption	5W	6W	6W	6W
Net Weight	1.5kg	2.3kg	2.3kg	2.3kg

Features

The SDM and SMDNS series fire and smoke damper actuators high quality damper actuators are developed for use with fire and smoke damper. The actuator motorized the damper or other devices when power on and spring back to it original position when power is cut off or trip by the thermal sensor.



- Specifications** : 60,000 circles lifetime
Mechanical Indicator
- Power Source** : 24V AC/DC, 230V AC
- Output Signal** : 0~10V DC / 4~20mA output
2 point / 3 point, On/Off
- Working Temperature** : +70°C
- Ambient Humidity** : 5 ~ 95%
- Protection** : ABS engineering material IP54
- Rotation Angle** : 0 ~ 90° mechanical adjustment
- Warranty** : 2 years
- Certificates** : CE and ISO9000
- Country of Origin** : People Republic of China (PRC)



Parameters	5Nm	10Nm	15Nm	25Nm	40Nm
Damper Area	0.5m ²	1m ²	2m ²	2m ²	3m ²

Features

The HCY series motorized ball valves are often used as a zone valve. Ball valves control the flow by means of a rotating ball having a bore. By rotating the ball a quarter around its axis, the valve will open or close. Electric ball valves are controlled with the aid of an electric motor. They are also called actuated ball valves. Electric ball valves distinguish themselves by a large orifice, so there is a low resistance to the flowing water. The actuator includes an energy efficient electric motor and gear for rotating the ball gradually, so no water hammer occurs. The actuator has two limit switches to stop the motor automatically when the valve is fully opened or closed. The power consumption of electric ball valves is very low, as power is only consumed during opening or closing.

The valve can have two or three connection ports (2-way or 3-way). A 2-way valve can be used to (partially) close or open a pipe. Valves with internal relay can be completely open or closed (one control wire), actuators with 3-point control (2 control wires) can also be partially opened. A 3-way valve has three connection ports. This allows to switch between different circuits. Think of (solar) boilers or heat exchangers. The three-way balls have a T-shaped bore. This makes different applications possible (2 or 3 opened ports).



- Specification** : 2-way and 3-way motorized ball valves
Complete range from DN 15 to DN 32
3 Point On/Off control
2-way (open/closed) and 3-way (mixing)
Forged Brass valve body
Female thread connection
Well waterproof and dustproof IP 65
- Power Source** : 230V AC
- Temp. Operation** : 1 ~ 90 °C
- Usage Area** : Liquid
- Warranty** : 2 years
- Certificates** : CE and ISO9000
- Country of Origin** : People Republic of China (PRC)

Part Number	Valve Body				Actuator	
	Ports	Nominal Diameters	Nominal Pressure	Kv	Power Supply	Output Signal
HCY-2015	2-ways	DN15 (1/2")	PN16	4.62	230V AC	3 point On/Off
HCY-2020		DN20 (3/4")		7.50		
HCY-2025		DN25 (1")		13.02		
HCY-2032		DN32 (1 1/4")		18		
HCY-3015	3-ways	DN15 (1/2")		4.62		
HCY-3020		DN20 (3/4")		7.50		
HCY-3025		DN25 (1")		13.02		

Features

The HZ series motorized ball valves are often used as a zone valve. Ball valves control the flow by means of a rotating ball having a bore. By rotating the ball a quarter around its axis, the valve will open or close. Electric ball valves are controlled with the aid of an electric motor. They are also called actuated ball valves. Electric ball valves distinguish themselves by a large orifice, so there is a low resistance to the flowing water. The actuator includes an energy efficient electric motor and gear for rotating the ball gradually, so no water hammer occurs. The actuator has two limit switches to stop the motor automatically when the valve is fully opened or closed. The power consumption of electric ball valves is very low, as power is only consumed during opening or closing.

The valve can have two or three connection ports (2-way or 3-way). A 2-way valve can be used to (partially) close or open a pipe. Valves with internal relay can be completely open or closed (one control wire), actuators with 3-point control (2 control wires) can also be partially opened. A 3-way valve has three connection ports. This allows to switch between different circuits. Think of (solar) boilers or heat exchangers. The three-way balls have a T-shaped bore. This makes different applications possible (2 or 3 opened ports).



- Specification** : 2-way and 3-way motorized ball valves
Complete range from DN 15 to DN 32
3 Point On/Off control & modulating control
2-way (open/closed) and 3-way (mixing)
Forged Brass valve body
Female thread connection
Well waterproof and dustproof IP 65
- Power Source** : 24V AC and 230V AC
- Temp. Operation** : 1 ~ 90 °C
- Usage Area** : Liquid
- Warranty** : 2 years
- Certificates** : CE and ISO9000
- C0untry of Origin** : People Republic of China (PRC)

Actuator		
Part Number	Power Supply	Output Signal
HZY-XXXX	230V AC	3 point On/Off
HZN-XXXX	24V AC	3 point On/Off
HZA-XXXX	24V AC	0-10V DC

Valve Body				
Part Number	Ports	Nominal Diameters	Nominal Pressure	Kv
X-2015	2-ways	DN15 (1/2")	PN16	4.62
X-2020		DN20 (3/4")		7.50
X-2025		DN25 (1")		13.02
X-2032		DN32 (1)		18
X-3015	3-ways	DN15 (1/2")		4.62
X-3020		DN20 (3/4")		7.50
X-3025		DN25 (1")		13.02

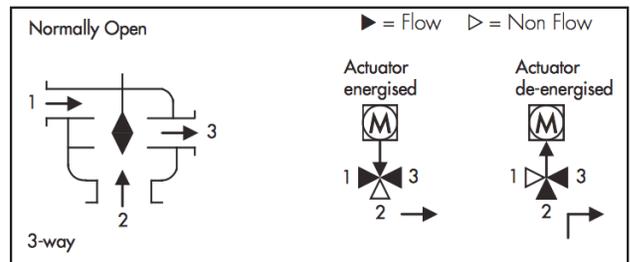
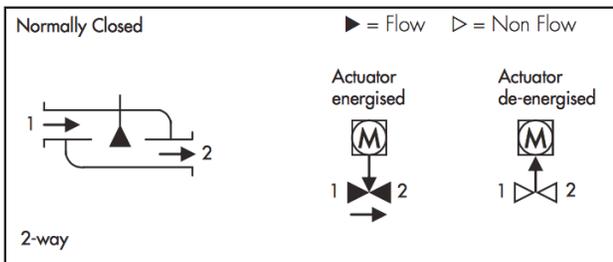
* Definition for Motorized Zone Valve part number; actuator "HZY" and body "2015" will be as "HZY-2015"

Features

The NVMZ series electrically operated nodular iron linear valves are designed primarily to regulate the flow of water and steam in response to the demand of a controller, in heating, ventilating, and air conditioning systems. These valves are available in two way, mixing and diverting configurations.



- Specification** : 2-way and-3 way motorized valves
 Complete range from DN 15 to DN 25
 2 Point On/Off control, 90N
 2-way (open/close) and 3-way (mixing)
 Forged Brass valve body
 10 second opening, 5 second closing
 Female thread connection
 IP 40
- Power Source** : 230V AC
Temp. Operation : 2 ~ 95 °C
Usage Area : Liquid
Warranty : 2 years
Certificates : CE and ISO9000
Country of Origin : People Republic of China (PRC)



Valve Body							Actuator	
Part Number	Ports	Nominal Diameter	Nominal Pressure	Kv	ΔP	Close Off Pressure	Part Number	Power Supply
NVMZ-2015	2-ways	DN15 (1/2")	PN16	2.8	0.13	420 kPa	VA-7010-220	2 point On/Off 230V AC
NVMZ-2020		DN20 (3/4")		4	0.13	300 kPa		
NVMZ-2025		DN25 (1")		5.5	0.08	210 kPa		
NVMZ-3015	3-ways	DN15 (1/2")		2.8	0.13	420 kPa		
NVMZ-3020		DN20 (3/4")		4	0.13	300 kPa		
NVMZ-3025		DN25 (1")		5.5	0.08	210 kPa		

Features

The MV series electrically operated nodular iron ball valves are designed primarily to regulate the flow of water and steam in response to the demand of a controller, in heating, ventilating, and air conditioning systems. These valves are available in two way, mixing and diverting configurations. This model has features of high reliability and long service time, PTFE graphite enhance ball seals and double EPDM stem seals, built-in unibody balancing valve allows reversing differential pressure, equal percentage flow, tight shut-off.



Usage	: Liquid, steam
Specification	: 2-way & 3-way, Mix & Diversion On/Off, floating and proportional control Cast Iron body
Working Temperature	: -5 ~ 121°C
Power Source	: 24V AC/DC and 230V AC
Nominal Pressure	: DN15 to DN50 are PN20 DN65 to DN150 are PN16
Connection Type	: DN15 to 50 female threaded DN65 to DN150 flanged
Max. Diff. Pressure	: 0.35MPa
Cut Pressure	: 1.4MPa
Warranty	: 2 years
Certificates	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)

Valve Body					Actuator					
2-Way	3-Way	Nominal Diameter	Nominal Pressure	Kv	On/Off, Floating 24V AC	On/Off, Floating 230V AC	Proportional 24V AC			
MV2015	MV3015	DN15 (1/2")	PN20	4	DM-04DN-1	DM-04DN-2	DM-04AN-1			
MV2020	MV3020	DN20 (3/4")		6.3						
MV2025	MV3025	DN25 (1")		10						
MV2032	MV3032	DN32 (1 1/4")		16						
MV2040	MV3040	DN40 (1 1/2")		25						
MV2050	MV3050	DN50 (2")		50				DM-08DN-1	DM-08DN-2	DM-08AN-1
MV2065	Not Available	DN65 (2 1/2")	PN16	63	DM-24DN-1	DM-24DN-2	DM-24AN-1			
MV2080		DN80 (3")		100						
MV2100		DN100 (4")		160						
MV2125		DN125 (5")		250				DM-32DN-1	DM-32DN-2	DM-32AN-1
MV2150		DN150 (6")		400						

* Definition for Motorized Valve part number; and body "MV2015" and actuator "DM-04AN-1" will be as "MV2015+04AN-1"

Features

The VL & MVA series electrically operated nodular iron linear valves are designed primarily to regulate the flow of water and steam in response to the demand of a controller, in heating, ventilating, and air conditioning systems. These valves are available in two way, mixing and diverting configurations.



- Usage** : Liquid, steam
- Specification** : 2-way & 3-way, Mix & Diversion
On/Off, floating and proportional control
Cast Iron body
- Working Temp.** : 2 ~ 120°C
- Power Source** : 24V AC and 230V AC
- Nominal Pressure** : PN16
- Connection Type** : Flanged
- Workin Pressure** : 4.0MPa
- Cut Pressure** : 1.4MPa
- Warranty** : 2 years
- Certificates** : CE and ISO9001
- Country of Origin** : People Republic of China (PRC)

Part Number	Valve Body				Actuator		
	Ports	Nominal Diameter	Nominal Pressure	Kv	On/Off, Floating 24V AC	On/Off, Floating 230V AC	Proportional 24V AC
VL2065	2-way	DN65 (2 1/2")	PN16	63	MVA-18DN-1	MVA-18DN-2	MVA-18AN-1
VL2080		DN80 (3")		100			
VL2100		DN100 (4")		160			
VL2125		DN125 (5")		250	MVA-30DN-1	MVA-30DN-2	MVA-30AN-1
VL2150		DN150 (6")		400			
VL2200		DN200 (8")		600			
VL3065	3-way	DN65 (2 1/2")		63	MVA-18DN-1	MVA-18DN-2	MVA-18AN-1
VL3080		DN80 (3")		100			
VL3100		DN100 (4")		160			
VL3125		DN125 (5")		250	MVA-30DN-1	MVA-30DN-2	MVA-30AN-1
VL3150		DN150 (6")	400				

Features

The BFV series Butterfly Valve is used in heating, aeration, air-condition and refrigeration control system. The BFV series butterfly valve surpasses the high standards required in sanitary valve applications, and inherent flow characteristics and capabilities.



Specification	: On/Off or Proportional controls actuator Cast Iron body NBR, EPDM, PTFE Seat Stainless steel, Plated Carbon Steel Stem
Protection	: Water IP65
Temp. Operation	: -30 ~ 180°C
Action Speed	: 15, 30, 60 or 120 seconds stroke time
Power Source	: 230V AC
Connection Type	: Flanged
Warranty	: 2 years
Certificates	: CE and ISO9001
Country of Origin	: People Republic of China (PRC)

Dimensions		On/Off	Proportional
DN40	1 1/2"	BFV-040-D	BFV-050-M
DN50	2"	BFV-050-D	BFV-050-M
DN65	2 1/2"	BFV-065-D	BFV-065-M
DN80	3"	BFV-080-D	BFV-080-M
DN100	4"	BFV-100-D	BFV-100-M
DN125	5"	BFV-125-D	BFV-125-M
DN150	6"	BFV-150-D	BFV-150-M
DN200	8"	BFV-200-D	BFV-200-M
DN250	10"	BFV-250-D	BFV-250-M
DN300	12"	BFV-300-D	BFV-300-M
DN350	14"	BFV-350-D	BFV-350-M
DN400	16"	BFV-400-D	BFV-400-M
DN450	18"	BFV-450-D	BFV-450-M
DN500	20"	BFV-500-D	BFV-500-M
DN600	24"	BFV-600-D	BFV-600-M



Features

The TRV series thermostatic radiator valve is used for home, office, commercial places or where need to change the temperature automatically. Thermostatic radiator valves can automatically adjust the room temperature to meet your need. It is designed to control flow rate in the room to reach a balance between the interior temperature and the needed temperature.



- Model** : **TRV** - Thermostatic radiator valve
CRV - Radiator control valve
RRV - Radiator return valve
S - Straight type valve body
A - Angle type valve body
- Valve Dimensions** : DN15 (1/2") and DN20 (3/4")
- Valve Material** : Brass
- Nominal Pressure** : 16 bar
- Temperature Extent** : 6-28°C
- Max. Water Temp.** : 120°C
- Setting Temperature** : 0: 6°C / 1: 12°C / 2: 16°C / 3: 20°C / 4: 24°C / 5: 28°C
- Hysteresis** : 1.0 k
- Connection Type** : Threaded
- Warranty** : 2 years
- Certificates** : CE, ISO9001, ISO14001 and RoHS
- Country of Origin** : People Republic of China (PRC)

Model	Part Number	Nominal Diameter		Model	Part Number	Nominal Diameter	
	RCV-15-S	DN15	1/2"		RRV-15-S	DN15	1/2"
	RCV-20-S	DN20	3/4"		RRV-20-S	DN20	3/4"
	RCV-15-A	DN15	1/2"		RRV-15-A	DN15	1/2"
	RCV-20-A	DN20	3/4"		RRV-20-A	DN20	3/4"

Model	Part Number	Model	Part Number	Model	Part Number	Model	Part Number
	TRV-A		TRV-D		TRV-G		TRV-J
	TRV-B		TRV-E		TRV-H		TRV-K
	TRV-C		TRV-F		TRV-I		TRV-L

Features

The MRV series motorized radiator valve is used for home, office, commercial places or where need to change the temperature automatically. Motorized radiator valves can automatically adjust the room temperature to meet your need by any controller device such as room thermostats. It is designed to control flow rate in the room to reach a balance between the interior temperature and the needed temperature.



- Model** : **TA** - Thermal actuator
CRV - Radiator control valve
RRV - Radiator return valve
S - Straight type valve body
A - Angle type valve body
- Valve Dimensions** : DN15 (1/2") and DN20 (3/4")
- Valve Material** : Brass
- Nominal Pressure** : 16 bar
- Max. Water Temp.** : 120°C
- Connection Type** : Threaded
- Power Source** : 230V AC, 24V AC
- Output Signal** : 2 Point On/Off control, 110N
- Protection** : IP54
- Running Time** : 3-5 mins.
- Warranty** : 2 years
- Certificates** : CE, ISO9001, ISO14001 and RoHS
- Country of Origin** : People Republic of China (PRC)

Model	Part Number	Nominal Diameter		Model	Part Number	Nominal Diameter	
	RCV-15-S	DN15	1/2"		RRV-15-S	DN15	1/2"
	RCV-20-S	DN20	3/4"		RRV-20-S	DN20	3/4"
	RCV-15-A	DN15	1/2"		RRV-15-A	DN15	1/2"
	RCV-20-A	DN20	3/4"		RRV-20-A	DN20	3/4"

Model	Part Number	Power	Type	Working Time	Output Signal	Protection
	TA-230-NO	230V AC	Normally Open	3-5 mins.	2 Point On/Off Control	IP54
	TA-24-NO	24V AC				
	TA-230-NC	230V AC	Normally Close			
	TA-24-NC	24V AC				

HEXA CONTROLS

**Girne Mah. Irmaklar Sok. Kucukyali Is Merkezi
H Blok No : 3 Maltepe, Istanbul / TURKEY**

Phone : +90 (216) 504 15 70

Fax : +90 (216) 505 15 71

info@hexacontrols.com

www.hexacontrols.com



View PDF