



浙江美罗机电有限公司  
ZHEJIANG MONRO MACHINERY & ELECTRONIC CO.,LTD

WHERE THERE IS WATER  
THERE IS A PUMP  
WHERE THERE IS A PUMP  
THERE IS A SWITCH

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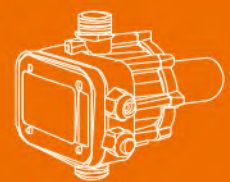
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*Quality For Life*



CATALOGUE 2017



# WHERE HIGH QUALITY IS STANDARD

**MONRO** is located in Wenling, Zhejiang province, which is an industrially development city with convenient transportation. With more than 10 years of production history for pressure controls and float switches. At present, our factory has more than 30 various types of pressure control which used for water pump system and air compressors. We are

committed to professional pressure control development, production and sales. Our company has established a scientific and efficient quality control system of ISO 9001:2008. Meanwhile, Our products successfully passed TUV (Germany), CE (Europe), some of which have obtained CUL (UL) certificates.

# WATER THE SOURCE OF LIFE

We always follow the principle that quality is the point. In the past years, we have built advanced producing and consummate testing equipment. With professional technicians and managers, our company has established a scientific and efficient Quality Control System. Our company is equipped with modern office facilities and outstanding management team, we are always devoting ourselves to the implementation of brand strategy, and the guarantee of products' quality.

Owing to High quality and favorable price, our products were highly-regarded in China and have been widely exported to Asia, Europe, North and South America, Middle East and Africa market. As a development, production and sales of family firms, we aim to provide you the best service and the highest quality. We have ready everything, looking forward to setting up business relationships with customers all over the world.



ZHEJIANG  
MONRO  
MACHINERY & ELECTRONIC  
CO., LTD

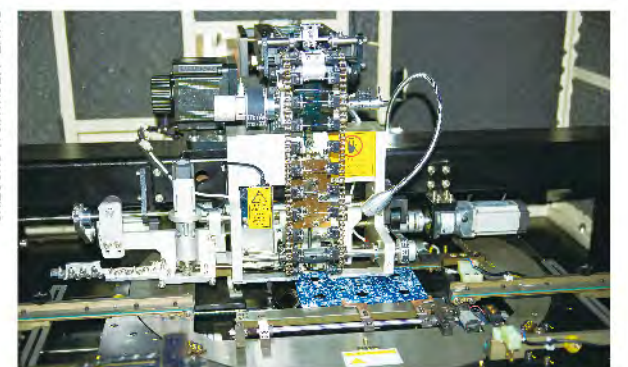
MONRO - AERIAL VIEW



PLANT - STAFF OPERATION



PLANT - MECHANICAL SHOOTING







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ZHEJIANG MONRO  
MACHINERY&ELECTRONIC CO.,LTD



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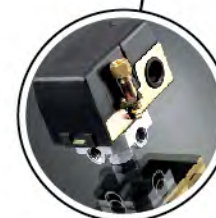
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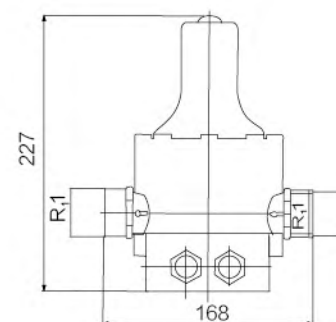




## EPC-1 SERIES

### DESCRIPTIONS:

- Electric pressure control used in water systems.
- It starts the electric pump automatically after a pressure decrease(taps opening)and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump(taps closed).
- Joint screw:G1"male.
- Completely replaced traditional pump control system composed of pressure switch, pressure tank and check valve,etc.
- Stop the water pump in the case of water shortage.
- Customized setting.



TOP WITH ADJUSTABLE 1.2-3BAR

### OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.

### EPC-1 TECHNICAL PARAMETERS:

|                           |                      |                      |                      |
|---------------------------|----------------------|----------------------|----------------------|
| Rated voltage             | 220-240V             | 110-120V             | 110-240V             |
| Power Frequency           | 50/60HZ              | 50/60HZ              | 50/60HZ              |
| Max using current         | 10A                  | 10A                  | 10A                  |
| Max power                 | 1.1KW                | 0.55KW               | 1.1KW                |
| Starting pressure setting | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar |
| Max working pressure      | 10bar                | 10bar                | 10bar                |
| Connection thread         | G1"                  | G1"                  | G1"                  |
| Protection rating         | IP65                 | IP65                 | IP65                 |
| Max working temperature   | 55°C                 | 55°C                 | 55°C                 |



# EPC-1A

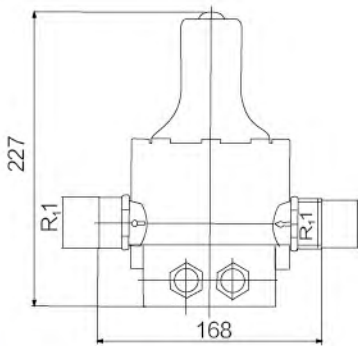
SERIES

## FUNCTION:

- Start and stop the pump automatically
- Protect the pump from damage caused by dry-running
- Examine the water automatically

## DESCRIPTION FOR THE EXAM PROCESS:

Except all ordinary function, EPC-1A can reset the pump automatically without water. When the pump stop without water failed in the water supply system, the indicator light will be twinkled regularly. In definite time, the controller reset pump every 10 mins 1 time(or set as your requirements) and also test whether water source get right. If water source get right, the controller will exit this state, if in those time, no water suction, the controller will keep without-water state. At this time, the controller will reset the pump in every 10mins.



TOP WITH ADJUSTABLE 1-3BAR

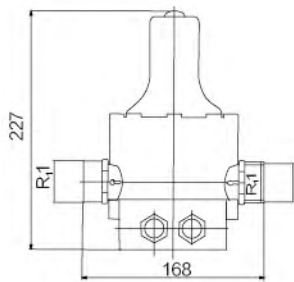


# EPC-1.1

SERIES

## OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



## EPC-1.1 TECHNICAL PARAMETERS:

|                           |                      |                      |                      |
|---------------------------|----------------------|----------------------|----------------------|
| Rated Voltage             | 220-240V             | 110-120V             | 110-240V             |
| Power Frequency           | 50/60HZ              | 50/60HZ              | 50/60HZ              |
| Max Using Current         | 10A                  | 10A                  | 10A                  |
| Max Power                 | 1.1KW                | 0.55KW               | 1.1KW                |
| Starting Pressure Setting | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar |
| Max Working Pressure      | 10bar                | 10bar                | 10bar                |
| Connection Thread         | G1"                  | G1"                  | G1"                  |
| Protection Rating         | IP44                 | IP44                 | IP44                 |
| Max Working Temperature   | 55°C                 | 55°C                 | 55°C                 |





## EPC-2 SERIES

### DESCRIPTIONS:

- Electric pressure control used in water systems.
- It starts the electric pump automatically after a pressure decrease(taps opening)and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump(taps closed).
- Joint screw:R1"male.
- Completely replaced traditional pump control system composed of pressure switch,presure tank and check valve,etc.
- Stop the water pump in the case of water shortage.
- Customized setting.



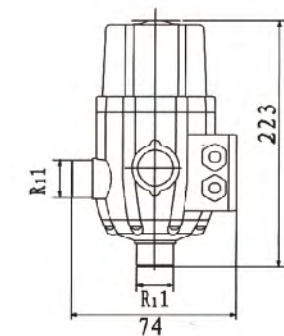
TOP WITH ADJUSTABLE 1.2-3BAR



TOP WITH ADJUSTABLE 1.2-3BAR

### OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



### EPC-2 TECHNICAL PARAMETERS:

|                           |                      |                      |                      |
|---------------------------|----------------------|----------------------|----------------------|
| Rated Voltage             | 220-240V             | 110-120V             | 110-240V             |
| Power Frequency           | 50/60HZ              | 50/60HZ              | 50/60HZ              |
| Max Using Current         | 10A                  | 10A                  | 10A                  |
| Max Power                 | 1.1KW                | 0.55KW               | 1.1KW                |
| Starting Pressure Setting | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar |
| Max Working Pressure      | 10bar                | 10bar                | 10bar                |
| Connection Thread         | R1"                  | R1"                  | R1"                  |
| Protection Rating         | IP65                 | IP65                 | IP65                 |
| Max Working Temperature   | 55°C                 | 55°C                 | 55°C                 |

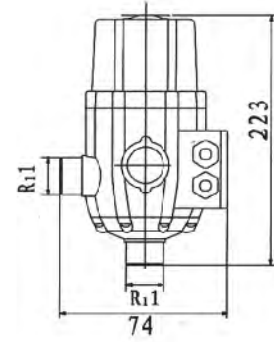




# EPC-2.1 SERIES

## OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require.
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



TOP WITH ADJUSTABLE 1.2-3BAR



TOP WITH ADJUSTABLE 1.2-3BAR

## EPC-2.1 TECHNICAL PARAMETERS:

|                           |                      |                      |                      |
|---------------------------|----------------------|----------------------|----------------------|
| Rated Voltage             | 220-240V             | 110-120V             | 110-240V             |
| Power Frequency           | 50/60HZ              | 50/60HZ              | 50/60HZ              |
| Max Using Current         | 10A                  | 10A                  | 10A                  |
| Max Power                 | 1.1KW                | 0.55KW               | 1.1KW                |
| Starting Pressure Setting | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar |
| Max Working Pressure      | 10bar                | 10bar                | 10bar                |
| Connection Thread         | R1"                  | R1"                  | R1"                  |
| Protection Rating         | IP65                 | IP65                 | IP65                 |
| Max Working Temperature   | 55°C                 | 55°C                 | 55°C                 |

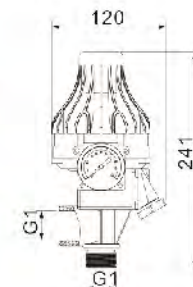
# EPC-3 SERIES

## DESCRIPTIONS:

- Electric pressure control used in water systems.
- It starts the electric pump automatically after a pressure decrease(taps opening)and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump(taps closed).
- Joint screw:G1"male.
- Completely replaced traditional pump control system composed of pressure switch,pressure tank and check valve,etc.
- Stop the water pump in the case of water shortage.
- Customized setting.

## OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require.
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



## EPC-3 TECHNICAL PARAMETERS:

|                           |                      |                      |                      |
|---------------------------|----------------------|----------------------|----------------------|
| Rated Voltage             | 220-240V             | 110-120V             | 110-240V             |
| Power Frequency           | 50/60HZ              | 50/60HZ              | 50/60HZ              |
| Max Using Current         | 10A/30A              | 10A/30A              | 10A/30A              |
| Max Power                 | 1.1KW/2.2KW          | 0.55KW/1.1KW         | 1.1KW/2.2KW          |
| Starting Pressure Setting | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar |
| Max Working Pressure      | 10bar                | 10bar                | 10bar                |
| Connection Thread         | G1"                  | G1"                  | G1"                  |
| Protection Rating         | IP65                 | IP65                 | IP65                 |
| Max Working Temperature   | 55°C                 | 55°C                 | 55°C                 |





## EPC-3 SERIES

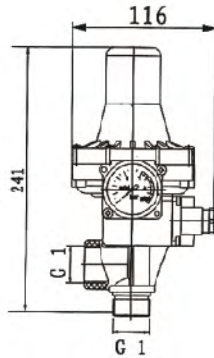
### DESCRIPTIONS:

- Electric pressure control used in water systems.
- It starts the electric pump automatically after a pressure decrease(taps opening)and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump(taps closed).
- Joint screw:G1"male.
- Completely replaced traditional pump control system composed of pressure switch, pressure tank and check valve,etc.
- Stop the water pump in the case of water shortage.
- Customized setting.



### OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require.
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



### EPC-3 TECHNICAL PARAMETERS:

|                           |                      |                      |                      |
|---------------------------|----------------------|----------------------|----------------------|
| Rated Voltage             | 220-240V             | 110-120V             | 110-240V             |
| Power Frequency           | 50/60HZ              | 50/60HZ              | 50/60HZ              |
| Max Using Current         | 10A/30A              | 10A/30A              | 10A/30A              |
| Max Power                 | 1.1KW/2.2KW          | 0.55kW/1.1KW         | 1.1KW/2.2KW          |
| Starting Pressure Setting | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar |
| Max Working Pressure      | 10bar                | 10bar                | 10bar                |
| Connection Thread         | G1"                  | G1"                  | G1"                  |
| Protection Rating         | IP65                 | IP65                 | IP65                 |
| Max Working Temperature   | 55℃                  | 55℃                  | 55℃                  |



# EPC-4 SERIES

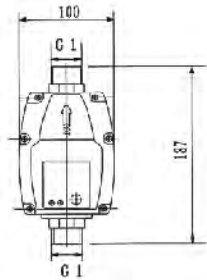
## DESCRIPTIONS:

- Electric pressure control used in water systems.
- It starts the electric pump automatically after a pressure decrease(taps opening)and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump(taps closed)
- Joint screw:G1"male.
- Completely replaced traditional pump control system composed of pressure switch, pressure tank and check valve,etc.
- Stop the water pump in the case of water shortage.
- Customized setting.



## OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require.
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



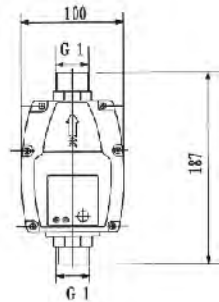
## EPC-4 TECHNICAL PARAMETERS:

|                           |            |            |            |
|---------------------------|------------|------------|------------|
| Rated Voltage             | 220-240V   | 110-120V   | 110-240V   |
| Power Frequency           | 50/60HZ    | 50/60HZ    | 50/60HZ    |
| Max Using Current         | 10A        | 10A        | 10A        |
| Max Power                 | 1.1KW      | 0.55KW     | 1.1KW      |
| Starting Pressure Setting | 1.5-3.0bar | 1.5-3.0bar | 1.5-3.0bar |
| Max Working Pressure      | 10bar      | 10bar      | 10bar      |
| Connection Thread         | G1"        | G1"        | G1"        |
| Protection Rating         | IP65       | IP65       | IP65       |
| Max Working Temperature   | 55°C       | 55°C       | 55°C       |

# EPC-4A SERIES

## FUNCTION:

- Start and stop the pump automatically
- Protect the pump from damage caused by dry-running
- Examine the water automatically
- Adjustable pressure setting range is 1.2~3.0bar



## DESCRIPTION FOR THE EXAM PROCESS:

Except all ordinary function, EPC-4A can reset the pump automatically without water. When the pump stop without water failed in the water supply system, the indicator light will be twinkled regularly. In definite time, the controller reset pump every 10 mins 1 time(or set as your requirements) and also test whether water source get right. If water source get right, the controller will exit this state, if in those time, no water suction, the controller will keep without-water state. At this time, the controller will reset the pump in every 10mins.

## EPC-4A TECHNICAL PARAMETERS:

|                           |            |            |            |
|---------------------------|------------|------------|------------|
| Rated Voltage             | 220-240V   | 110-120V   | 110-240V   |
| Power Frequency           | 50/60HZ    | 50/60HZ    | 50/60HZ    |
| Max Using Current         | 10A        | 10A        | 10A        |
| Max Power                 | 1.1KW      | 0.55KW     | 1.1KW      |
| Starting Pressure Setting | 1.5-3.0bar | 1.5-3.0bar | 1.5-3.0bar |
| Max Working Pressure      | 10bar      | 10bar      | 10bar      |
| Connection Thread         | G1"        | G1"        | G1"        |
| Protection Rating         | IP65       | IP65       | IP65       |
| Max Working Temperature   | 55°C       | 55°C       | 55°C       |



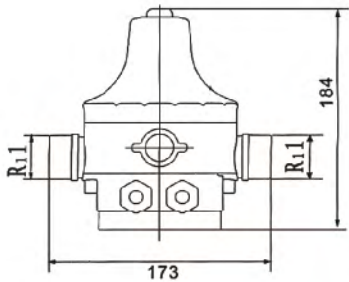




## EPC-5 SERIES

### DESCRIPTIONS:

- Electric pressure control used in water systems.
- It starts the electric pump automatically after a pressure decrease(taps opening)and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump(taps closed).
- Joint screw:G1"male.
- Completely replaced traditional pump control system composed of pressure switch, pressure tank and check valve,etc.
- Stop the water pump in the case of water shortage.
- Customized setting.



### OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require.
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.

### EPC-5 TECHNICAL PARAMETERS:

|                           |                      |                      |                      |
|---------------------------|----------------------|----------------------|----------------------|
| Rated Voltage             | 220-240V             | 110-120V             | 110-240V             |
| Power Frequency           | 50/60HZ              | 50/60HZ              | 50/60HZ              |
| Max Using Current         | 10A                  | 10A                  | 10A                  |
| Max Power                 | 1.1KW                | 0.55KW               | 1.1KW                |
| Starting Pressure Setting | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar |
| Max Working Pressure      | 10bar                | 10bar                | 10bar                |
| Connection Thread         | G1"                  | G1"                  | G1"                  |
| Protection Rating         | IP65                 | IP65                 | IP65                 |
| Max Working Temperature   | 55℃                  | 55℃                  | 55℃                  |

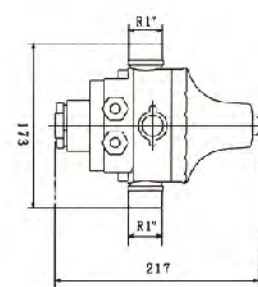




# EPC-5.1 SERIES

## OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require.
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



## EPC-5.1 TECHNICAL PARAMETERS:

|                           |                      |                      |                      |
|---------------------------|----------------------|----------------------|----------------------|
| Rated Voltage             | 220-240V             | 110-120V             | 110-240V             |
| Power Frequency           | 50/60HZ              | 50/60HZ              | 50/60HZ              |
| Max Using Current         | 10A                  | 10A                  | 10A                  |
| Max Power                 | 1.1KW                | 0.55KW               | 1.1KW                |
| Starting Pressure Setting | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar |
| Max Working Pressure      | 10bar                | 10bar                | 10bar                |
| Connection Thread         | G1"                  | G1"                  | G1"                  |
| Protection Rating         | IP44                 | IP44                 | IP44                 |
| Max Working Temperature   | 55°C                 | 55°C                 | 55°C                 |

# EPC-6 SERIES

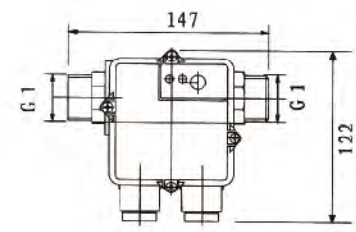
## DESCRIPTIONS:

- Electric pressure control used in water systems.
- It starts the electric pump automatically after a pressure decrease(taps opening)and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump(taps closed).
- Joint screw:G1"male.
- Completely replaced traditional pump control system composed of pressure switch, pressure tank and check valve,etc.
- Stop the water pump in the case of water shortage.
- Customized setting.



## OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require.
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



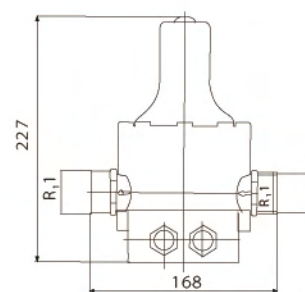
## EPC-6 TECHNICAL PARAMETERS:

|                           |            |            |            |
|---------------------------|------------|------------|------------|
| Rated Voltage             | 220-240V   | 110-120V   | 110-240V   |
| Power Frequency           | 50/60HZ    | 50/60HZ    | 50/60HZ    |
| Max Using Current         | 10A        | 10A        | 10A        |
| Max Power                 | 1.1KW      | 0.55KW     | 1.1KW      |
| Starting Pressure Setting | 1.5-3.0bar | 1.5-3.0bar | 1.5-3.0bar |
| Max Working Pressure      | 10bar      | 10bar      | 10bar      |
| Connection Thread         | G1"        | G1"        | G1"        |
| Protection Rating         | IP54       | IP54       | IP54       |
| Max Working Temperature   | 55°C       | 55°C       | 55°C       |





According to customers needs



## EPC-7 SERIES

### EPC-7 TECHNICAL PARAMETERS:

|                           |                      |                      |                      |
|---------------------------|----------------------|----------------------|----------------------|
| Rated Voltage             | 220-240V             | 110-120V             | 110-240V             |
| Power Frequency           | 50/60HZ              | 50/60HZ              | 50/60HZ              |
| Max Using Current         | 30A                  | 30A                  | 30A                  |
| Max Power                 | 2.2KW                | 1.1KW                | 2.2KW                |
| Starting Pressure Setting | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar | 1.2bar;1.5bar;2.2bar |
| Max Working Pressure      | 10bar                | 10bar                | 10bar                |
| Connection Thread         | G1;G1 1/4"           | G1;G1 1/4"           | G1;G1 1/4"           |
| Protection Rating         | IP65                 | IP65                 | IP65                 |
| Max Working Temperature   | 55°C                 | 55°C                 | 55°C                 |



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EPC







## EPC-9 SERIES

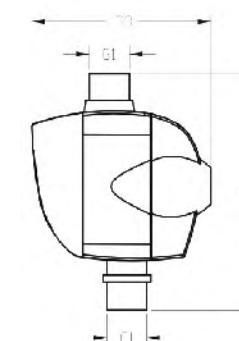
### DESCRIPTIONS:

- Electric pressure control used in water systems.
- It starts the electric pump automatically after a pressure decrease(taps opening)and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump(taps closed).
- Joint screw:G1"male.
- Completely replaced traditional pump control system composed of pressure switch, pressure tank and check valve,etc.
- Stop the water pump in the case of water shortage.
- Customized setting.



### OPTIONALS:

- Starting pressure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require.
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



### EPC-9 TECHNICAL PARAMETERS:

|                           |               |               |               |
|---------------------------|---------------|---------------|---------------|
| Rated Voltage             | 220-240V      | 110-120V      | 110-240V      |
| Power Frequency           | 50/60HZ       | 50/60HZ       | 50/60HZ       |
| Max Using Current         | 10A/30A       | 10A/30A       | 10A/30A       |
| Max Power                 | 1.1KW/2.2KW   | 0.55KW/1.1KW  | 1.1KW/2.2KW   |
| Starting Pressure Setting | 1.5bar-3.0bar | 1.5bar-3.0bar | 1.5bar-3.0bar |
| Max Working Pressure      | 10bar         | 10bar         | 10bar         |
| Connection Thread         | G1"           | G1"           | G1"           |
| Protection Rating         | IP54          | IP54          | IP54          |
| Max Working Temperature   | 60°C          | 60°C          | 60°C          |





# EPC-11A / SERIES

## DESCRIPTIONS:

- Electric pressure control used in water systems.
- It starts the electric pump automatically after a pressure decrease(taps opening)and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump(taps closed).
- Joint screw:G1"male.
- Completely replaced traditional pump control system composed of pressure switch, pressure tank and check valve,etc.
- Stop the water pump in the case of water shortage.
- Customized setting.

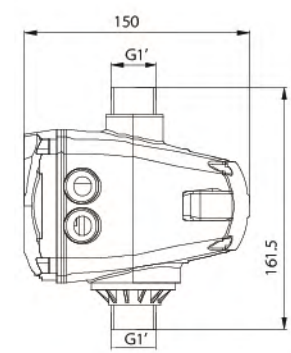
## ADVANTAGES:

- New Design
- With Pressure Gauge
- With Timer Control ( 10mins/15mins And Etc )
- Cheap Price Than Normal



## OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require.
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



## EPC-11A TECHNICAL PARAMETERS:

|                           |               |               |               |
|---------------------------|---------------|---------------|---------------|
| Rated Voltage             | 220-240V      | 110-120V      | 110-240V      |
| Power Frequency           | 50/60HZ       | 50/60HZ       | 50/60HZ       |
| Max Using Current         | 10A           | 10A           | 10A           |
| Max Power                 | 1.1KW         | 0.55KW        | 1.1KW         |
| Starting Pressure Setting | 1.2bar-3.0bar | 1.2bar-3.0bar | 1.2bar-3.0bar |
| Max Working Pressure      | 10bar         | 10bar         | 10bar         |
| Connection Thread         | G1"           | G1"           | G1"           |
| Protection Rating         | IP54          | IP54          | IP54          |
| Max Working Temperature   | 60°C          | 60°C          | 60°C          |







## EPC-12 SERIES

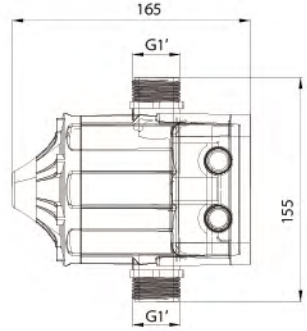


### DESCRIPTIONS:

- Electric pressure control used in water systems.
- It starts the electric pump automatically after a pressure decrease(taps opening)and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump(taps closed).
- Joint screw:G1"male.
- Completely replaced traditional pump control system composed of pressure switch, pressure tank and check valve,etc.
- Stop the water pump in the case of water shortage.
- Customized setting.

### OPTIONALS:

- Starting pressure is adjustment during installation ,it can adjust by customers.
- Color:as customer require.
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



### ADVANTAGES:

- New Design
- Model 1:Working with normal model
- model 2:can set starting pressure and closing pressure
- with 30 mins timer control
- with digital screen,suitable for the young

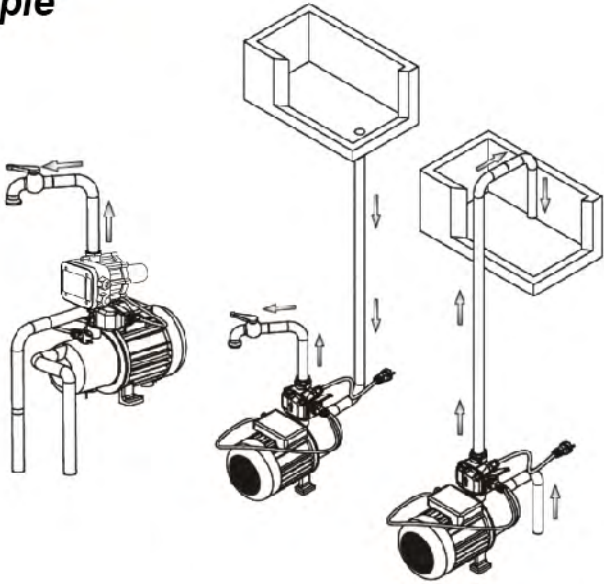
### EPC-12 TECHNICAL PARAMETERS:

|                         |          |          |          |
|-------------------------|----------|----------|----------|
| Rated Voltage           | 220-240V | 110-120V | 110-240V |
| Power Frequency         | 50/60HZ  | 50/60HZ  | 50/60HZ  |
| Max Using Current       | 30A      | 30A      | 30A      |
| Max Power               | 2.2KW    | 1.1KW    | 2.2KW    |
| Max Working Pressure    | 9.8bar   | 9.8bar   | 9.8bar   |
| Connection Thread       | G1"      | G1"      | G1"      |
| Protection Rating       | IP65     | IP65     | IP65     |
| Max Working Temperature | 60°C     | 60°C     | 60°C     |



| PACKING SIZE       | DIMENSION       | QUANTITY   | N.W/G.W       |
|--------------------|-----------------|------------|---------------|
| EPC-1              | 53*47.5*38CM    | 12 PCS/CTN | 16.5/18.5 KGS |
| EPC-1A             | 53*47.5*38 CM   | 12 PCS/CTN | 16.5/18.5 KGS |
| EPC-1.1            | 58.5*54*35.5CM  | 12 PCS/CTN | 16.5/18.5 KGS |
| EPC-2              | 47*43*25 CM     | 12 PCS/CTN | 15/17 KGS     |
| EPC-2 WITH CABLE   | 53*48*25 CM     | 12 PCS/CTN | 15/17 KGS     |
| EPC-2.1            | 57*56*25 CM     | 12 PCS/CTN | 17.5/19.5 KGS |
| EPC-3              | 52*44*28 CM     | 12 PCS/CTN | 12/15 KGS     |
| EPC-4              | 54*42*23 CM     | 20 PCS/CTN | 12/13 KGS     |
| EPC-4A             | 54*42*23 CM     | 20 PCS/CTN | 12/13 KGS     |
| EPC-5              | 61*47.5*21 CM   | 12 PCS/CTN | 13/15.5 KGS   |
| EPC-5.1            | 60.5*47.5*23 CM | 12 PCS/CTN | 13/15.5 KGS   |
| EPC-6              | 67*31.5*23 CM   | 20 PCS/CTN | 10/12 KGS     |
| EPC-7              | 56.5*38*48CM    | 8PCS/CTN   | 8/10KGS       |
| EPC-9              | 48.5*36*29CM    | 12PCS/CTN  | 8.5/10.5KGS   |
| EPC-11A            | 45*45*34CM      | 18PCS/CTN  | 10.5/12KGS    |
| EPC-11A WITH CABLE | 56*52*34 CM     | 18PCS/CTN  | 11/13KGS      |
| EPC-12             | 49.5*35.5*37CM  | 12PCS/CTN  | 11/13.5KGS    |

# Operation method and working principle







# FPS 1/2/3/4 SERIES

## DESCRIPTIONS:

- 1. Auto-fill-water modes connect the control's blue line to electric pump,black line is connected to zero-line, biack,brown line can not be connected and should be insulated.
- 2. Auto-drainage and lack-water protection modes connect the control's brown line to electric pump,the black line is connected to the zero-line,the blue line can not be connected and should be insulated.
- 3. Fill-water and drainage auto-switch mode The chart is fill-water and drainage auto-switch mode.This electric connection chart synthesize by automatic fill-water and auto-drainage.

## OPTIONALS:

- 1. single function or double function
- 2. color as customer require.
- 3. cable lengh as customer require
- 4. cable material as customer require (PVC or RUBBER)

## FPS-1/2/3/4 TECHNICAL PARAMETERS:

|                         |               |               |
|-------------------------|---------------|---------------|
| Rated voltage           | 250V          | 250V          |
| Frequency               | 50/60HZ       | 50/60HZ       |
| Relay current           | 10(4)A/10(8)A | 16(4)A/16(8)A |
| Protection rating       | IP68          | IP68          |
| Max working temperature | 55℃           | 55℃           |



FPS-1



FPS-2



FPS-3

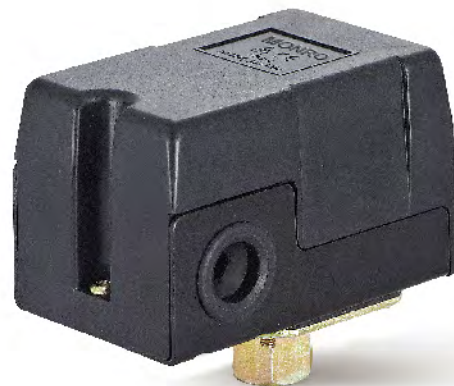


FPS-4

| PACKING SIZE | DIMENSION         | QUANTITY   | N.W/G.W       |
|--------------|-------------------|------------|---------------|
| 2M           | 45*42*24 CM       | 20 PCS/CTN | 11.5/13 KGS   |
| 3M           | 45*42*24 CM       | 20 PCS/CTN | 13/15 KGS     |
| 5M           | 45*42*24 CM       | 20 PCS/CTN | 16.5/18.5 KGS |
| 10M          | 45*35.5*25.5CM    | 10PCS/CTN  | 14/16KGS      |
| 20M          | 53.5*42.5*27.5 CM | 10 PCS/CTN | 25/27 KGS     |







## KRS-1 SERIES

### DESCRIPTIONS:

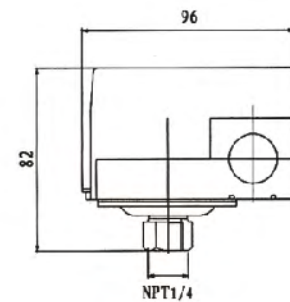
- Pressure switch used in water systems.
- The switch start and stop the water pump automatically according to the setting pressure.
- Hydraulics connection can choose:1/4"&3/8"Female.
- Customized setting.

### OPTIONALS:

- Hydraulics connection according to customers'needs.
- Pressure setting according to customers' needs.

### KRS-1 TECHNICAL PARAMETERS:

|                 |                                                                        |      |
|-----------------|------------------------------------------------------------------------|------|
| Rated Voltage   | 230V;110V                                                              |      |
| Power Frequency | 50/60HZ                                                                |      |
| Rated Current   | 17A/1.5HP;20A/3HP                                                      |      |
| Min.cut-in      | 20PSI                                                                  |      |
| Max.cut-out     | 175PSI                                                                 |      |
| Pressure Range  | 20-40PSI;30-50PSI;40-60PSI<br>(According To Requirements Of Customers) |      |
| Cover Color     | Black                                                                  |      |
| Screw Type      | Female                                                                 | Male |
| Screw Size      | 1/4"3/8"                                                               | 1/4" |





# KRS-2 / SERIES

## DESCRIPTIONS:

- Pressure switch used in water systems.
- The switch start and stop the water pump automatically according to the setting pressure.
- Hydraulics connection can choose:1/4"&3/8"Female.
- Customized setting.



## OPTIONALS:

- Hydraulics connection according to customers' needs.
- Pressure setting according to customers' needs.



2.1



2.2



2.3



2.4

## KRS-2 TECHNICAL PARAMETERS:

|                 |                                                        |              |
|-----------------|--------------------------------------------------------|--------------|
| Rated Voltage   | 230V;110V                                              |              |
| Power Frequency | 50/60HZ                                                |              |
| Rated Current   | 5A;10A                                                 |              |
| Min.cut-in      | 12PSI                                                  |              |
| Max.cut-out     | 45PSI                                                  |              |
| Pressure Range  | 1.1-1.8BAR<br>(According To Requirements Of Customers) |              |
| Bases           | Zin Alloy                                              | Plastic      |
| Contacts        | Double                                                 | Singe;double |
| Screw Type      | Female                                                 | Male         |
| Screw Size      | 1/4"3/8"                                               | 1/4"         |

# KRS-2.5 / SERIES

## DESCRIPTIONS:

- Pressure switch used in water systems.
- The switch start and stop the water pump automatically according to the setting pressure.
- Hydraulics connection can choose:1/4"&3/8"Female.
- Customized setting.

## OPTIONALS:

- Hydraulics connection according to customers' needs.
- Pressure setting according to customers' needs.



## KRS-2.5 TECHNICAL PARAMETERS:

|                |                                |
|----------------|--------------------------------|
| Rated voltage  | 230V/110V                      |
| Frequency      | 50/60HZ                        |
| Rated current  | 5A/10A                         |
| Min.cut-in     | 12PSI                          |
| Max.cut-out    | 45PSI                          |
| Pressure range | 1.1-1.8bar;as customer require |
| Bases          | aluminum/plastic               |
| Contacts       | one                            |
| Screw type     | female:1/4";3/8"               |



# KRS-3

SERIES

## DESCRIPTIONS:

- Pressure switch used in water systems.
- The switch start and stop the water pump automatically according to the setting pressure.
- Hydraulics connection can choose:1/4"&3/8"Female.
- Customized setting.

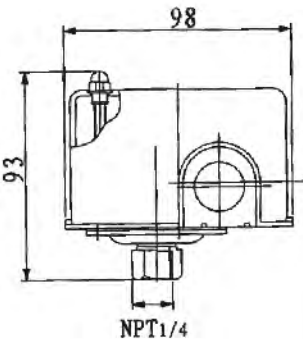


## OPTIONALS:

- Hydraulics connection according to customers' needs.
- Pressure setting according to customers' needs.

## KRS-3 TECHNICAL PARAMETERS:

|                 |                                                                                 |      |
|-----------------|---------------------------------------------------------------------------------|------|
| Rated Voltage   | 230V;110V                                                                       |      |
| Power Frequency | 50/60HZ                                                                         |      |
| Rated Current   | 12A/15HP;20A/2HP                                                                |      |
| Min.cut-in      | 20PSI                                                                           |      |
| Max.cut-out     | 120PSI                                                                          |      |
| Pressure Range  | 20-40PSI;30-50PSI;40-60PSI;50-70PSI<br>(According To Requirements Of Customers) |      |
| Contacts        | Silver;Copper                                                                   |      |
| Cover Color     | Grey;black                                                                      |      |
| Cover Shape     | Steel Fixed;Plastic Fixed;American Standard                                     |      |
| Base Color      | Color Plated;white Plated                                                       |      |
| Flange          | Steel;Plastic                                                                   |      |
| Screw Type      | Female                                                                          | Male |
| Screw Size      | Fix Nut:1/4";3/8"<br>Rotary:1/4";3/8"                                           | 1/4" |



# KRS-4

SERIES

## DESCRIPTIONS:

- Pressure switch used in water systems.
- The switch start and stop the water pump automatically according to the setting pressure.
- Hydraulics connection can choose:1/4"&3/8"Female.
- Customized setting.

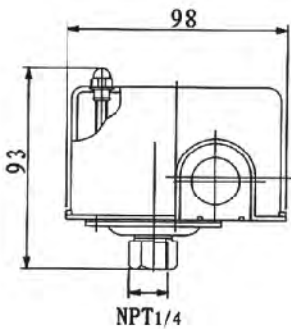


## OPTIONALS:

- Hydraulics connection according to customers'needs.
- Pressure setting according to customers' needs.

## KRS-4 TECHNICAL PARAMETERS:

|                 |                                                                                 |      |
|-----------------|---------------------------------------------------------------------------------|------|
| Rated Voltage   | 230V;110V                                                                       |      |
| Power Frequency | 50/60HZ                                                                         |      |
| Rated Current   | 12A/15HP;20A/2HP                                                                |      |
| Min.cut-in      | 20PSI                                                                           |      |
| Max.cut-out     | 120PSI                                                                          |      |
| Pressure Range  | 20-40PSI;30-50PSI;40-60PSI;50-70PSI<br>(According To Requirements Of Customers) |      |
| Contacts        | Silver;Copper                                                                   |      |
| Cover Color     | Grey;black                                                                      |      |
| Cover Shape     | Steel Fixed;Plastic Fixed;American Standard                                     |      |
| Base Color      | Color Plated;White Plated                                                       |      |
| Flange          | Steel;Plastic                                                                   |      |
| Screw Type      | Female                                                                          | Male |
| Screw Size      | Fix Nut:1/4";3/8"<br>Rotary:1/4";3/8"                                           | 1/4" |







## KRS-5 SERIES

### DESCRIPTIONS:

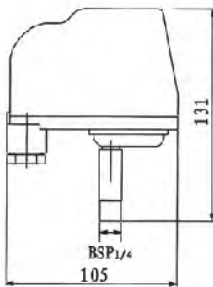
- Pressure switch used in water systems.
- The switch start and stop the water pump automatically according to the setting pressure.
- Hydraulics connection can choose:1/4"&3/8"Female.
- Customized setting.

### OPTIONALS:

- Hydraulics connection according to customers' needs.
- Pressure setting according to customers' needs.

### KRS-1 TECHNICAL PARAMETERS:

|                 |                                                                        |      |
|-----------------|------------------------------------------------------------------------|------|
| Rated Voltage   | 230V;110V                                                              |      |
| Power Frequency | 50/60HZ                                                                |      |
| Rated Current   | 17A/1.5HP;20A/3HP                                                      |      |
| Min.cut-in      | 20PSI                                                                  |      |
| Max.cut-out     | 175PSI                                                                 |      |
| Pressure Range  | 20-40PSI;30-50PSI;40-60PSI<br>(According To Requirements Of Customers) |      |
| Cover Color     | Black                                                                  |      |
| Screw Type      | Female                                                                 | Male |
| Screw Size      | 1/4"3/8"                                                               | 1/4" |



## KRS-6 SERIES

### DESCRIPTIONS:

- Pressure switch used in water systems.
- The switch start and stop the water pump automatically according to the setting pressure.
- Hydraulics connection can choose:1/4"&3/8"Female.
- Customized setting.

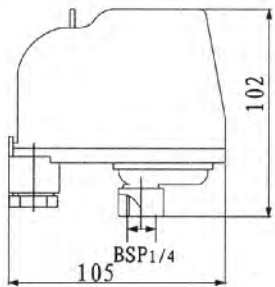
### OPTIONALS:

- Hydraulics connection according to customers' needs.
- Pressure setting according to customers' needs.



### KRS-6 TECHNICAL PARAMETERS:

|                |                                                       |                   |
|----------------|-------------------------------------------------------|-------------------|
| Rated Voltage  | One Phraise 240v;three Phraise 380v                   |                   |
| Rated Current  | 16A                                                   |                   |
| Min.cut-in     | 15PSI                                                 |                   |
| Max.cut-out    | 80PSI                                                 |                   |
| Pressure Range | 0.7-10PSI<br>(According To Requirements Of Customers) |                   |
| Cover Color    | Red                                                   |                   |
| Base Color     | Color Plated;white Plated                             |                   |
| Flange         | Steel                                                 |                   |
| Screw Type     | Female                                                | Male              |
| Screw Size     | Fix Nut:1/4";3/8"<br>Rotary:1/4";3/8"                 | 1/4"<br>36mm;43mm |





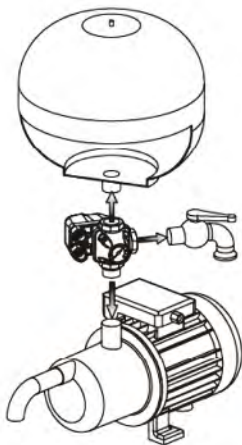
KRS-7 SERIES

DESCRIPTIONS:

- Pressure switch used in water systems.
- The switch start and stop the water pump automatically according to the setting pressure.
- Hydraulics connection can choose:1/4"&3/8"Female.
- Customized setting.

OPTIONALS:

- Starting perssure is adjustable during installation,adjustment range:1.2bar-3.0bar.
- Color:as customer require.
- G1"plastic pipe joint for a quick connection to water pump.
- Power cable length can choose according to customers' needs.



KRS-7 TECHNICAL PARAMETERS:

|                |                                                                                          |
|----------------|------------------------------------------------------------------------------------------|
| Rated Voltage  | 110-240V                                                                                 |
| Rated Current  | 16(10)A                                                                                  |
| Min.cut-in     | 15PSI                                                                                    |
| Max.cut-out    | 80PSI                                                                                    |
| Pressure Range | 15-35PSI;20-40PSI;30-50PSI;40-60PSI;50-80PSI<br>(According To Requirements Of Customers) |
| Cover Color    | Black                                                                                    |
| Screw Size     | G1"                                                                                      |



KRS-8 SERIES

DESCRIPTIONS:

- Pressure switch used in water systems.
- The switch start and stop the water pump automatically according to the setting pressure.
- Hydraulics connection can choose:1/4"&3/8" Female.
- Customized setting.

OPTIONALS:

- Hydraulics connection according to customers' needs.
- Pressure setting according to customers' needs.

KRS-1 TECHNICAL PARAMETERS:

|                |                        |
|----------------|------------------------|
| Rated voltage  | one phase/three phases |
| Rated current  | 20(16)A                |
| Min.cut-in     | 1BAR                   |
| Max.cut-out    | 12BAR                  |
| Pressure range | 1-6BAR,6-12BAR         |
| Screw          | 1/4";3/8"              |







| PACKING SIZE | KRS-1       | KRS-2         | KRS-2.5     | KRS-3         |
|--------------|-------------|---------------|-------------|---------------|
| DIMENSION    | 45*31*21 CM | 52*26.5*19 CM | 55*28*18 CM | 51*37*21 CM   |
| QUANTITY     | 50 PCS/CTN  | 100 PCS/CTN   | 100 PCS/CTN | 50 PCS/CTN    |
| N.W/G.W      | 16/18 KGS   | 17/19 KGS     | 14/16 KGS   | 16.5/18.5 KGS |

| PACKING SIZE | KRS-4       | KRS-5<br>(female) | KRS-5<br>(male) | KRS-6<br>(female) |
|--------------|-------------|-------------------|-----------------|-------------------|
| DIMENSION    | 51*47*21 CM | 54*34*23 CM       | 65.5*54*15 CM   | 53.5*34*23 CM     |
| QUANTITY     | 50 PCS/CTN  | 50 PCS/CTN        | 50 PCS/CTN      | 50 PCS/CTN        |
| N.W/G.W      | 19/21 KGS   | 19/21 KGS         | 19.5/22 KGS     | 19/21 KGS         |

| PACKING SIZE | KRS-6<br>(male) | KRS-7        | KRS-8        |  |
|--------------|-----------------|--------------|--------------|--|
| DIMENSION    | 65.5*54*15 CM   | 63*61*34CM   | 53*24*34CM   |  |
| QUANTITY     | 50 PCS/CTN      | 50PCS/CTN    | 50PCS/CTN    |  |
| N.W/G.W      | 19.5/22 KGS     | 25.5/27.5KGS | 25.5/27.5KGS |  |





# KRQ-1 / SERIES

## DESCRIPTIONS:

- Pressure switch used for air compressors.
- The switch start and stop the air compressor automatically according to the setting pressure value.
- Hydraulics connection can choose:1/4"Male&Female.
- Air-relief valve with delayed closing systsm.
- Customized setting.

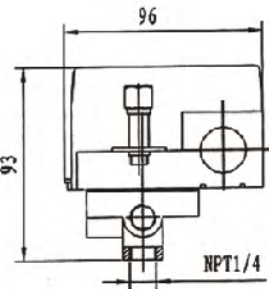
## OPTIONALS:

- Crust according to customers' needs.
- Hydraulics connection according to customerneeds'
- Air-relief valve of 6mm or 1/4"diameter pipe.
- Pressure setting according to customer' s needs.



## THCHNICAL DATA:

- Pressure Range:20-175psi
- Pressure Setting:20-50psi、 30-60psi、 40-70psi、 50-80psi、 95-12 5psi、 135-175psi
- Rated Current:12A
- Rated Voltage: 110V-240V
- Frequency:50/60Hz
- Max Ambient Temperature:40℃
- Protection Degree:IP20



## KRQ-1 TECHNICAL PARAMETERS:

| Packing Size | One Way         | Four Way      |
|--------------|-----------------|---------------|
| Dimension    | 47*44.5*21.5 cm | 51*47*22 cm   |
| Quantity     | 50 pcs/ctn      | 50 pcs/ctn    |
| N.W/g.w      | 19/20.5 kgs     | 22.5/24.5 kgs |



# KRQ-2 / SERIES

## DESCRIPTIONS:

- Pressure switch used for air compressors.
- The switch start and stop the air compressor automatically according to the setting pressure value.
- Hydraulics connection can choose:1/4"Male&Female.
- Air-relief valve with delayed closing systsm.
- Customized setting.

## OPTIONALS:

- Crust according to customers' needs.
- Hydraulics connection according to customerneeds'
- Air-relief valve of 6mm or 1/4"diameter pipe.
- Pressure setting according to customer' s needs.

## THCHNICAL DATA:

- Pressure Range:20-175psi
- Pressure Setting:20-50psi、30-60psi、40-70psi、50-80psi、95-125psi、135-175psi
- Rated Current:12A
- Rated Voltage: 110V-240V
- Frequency:50/60Hz
- Max Ambient Temperature:40°C
- Protection Degree:IP20

## KRQ-2 TECHNICAL PARAMETERS:

|              |                  |
|--------------|------------------|
| Packing Size | One Way/Four Way |
| Dimension    | 44*29*29 cm      |
| Quantity     | 50 pcs/ctn       |
| N.W/g.w      | 16/18 kgs        |





# KRQ-3 / SERIES

## DESCRIPTIONS:

- Pressure switch used for air compressors.
- The switch start and stop the air compressor automatically according to the setting pressure value.
- Hydraulics connection can choose:1/4"Male&Female.
- Air-relief valve with delayed closing systsm.
- Customized setting.

## THCHNICAL DATA:

- Pressure Range:20-175psi
- Pressure Setting:20-50psi、30-60psi、40-70psi、50-80psi、95-12 5psi、135-175psi
- Rated Current:12A
- Rated Voltage: 110V-240V
- Frequency:50/60Hz
- Max Ambient Temperature:40°C
- Protection Degree:IP20



## OPTIONALS:

- Crust according to customers' needs.
- Hydraulics connection according to customerneeds'
- Air-relief valve of 6mm or 1/4"diameter pipe.
- Pressure setting according to customer' s needs.

## KRQ-3 TECHNICAL PARAMETERS:

|              |                  |
|--------------|------------------|
| Packing Size | One Way/Four Way |
| Dimension    | 51*31*34 cm      |
| Quantity     | 50 pcs/ctn       |
| N.W/g.w      | 28/31 kgs        |



# KRQ-4 / SERIES

## THCHNICAL DATA:

- Pressure Range:20-175psi
- Pressure Setting:20-50psi、30-60psi、40-70psi、50-80psi、95-12 5psi、135-175psi
- Rated Current:12A
- Rated Voltage: 110V-240V
- Frequency:50/60Hz
- Max Ambient Temperature:40°C
- Protection Degree:IP20

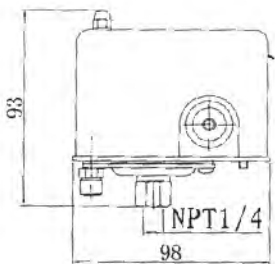
## OPTIONALS:

- Crust according to customers' needs.
- Hydraulics connection according to customerneeds'
- Air-relief valve of 6mm or 1/4"diameter pipe.
- Pressure setting according to customer' s needs.



## DESCRIPTIONS:

- Pressure switch used for air compressors.
- The switch start and stop the air compressor automatically according to the setting pressure value.
- Hydraulics connection can choose:1/4"Male&Female.
- Air-relief valve with delayed closing systsm.
- Customized setting.





# KRQ-5 SERIES

## THCHNICAL DATA:

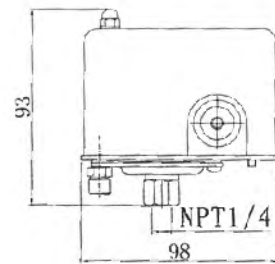
- Pressure Range:20-175psi
- Pressure Setting:20-50psi、30-60psi、40-70psi、50-80psi、95-125psi、135-175psi
- Rated Current:12A
- Rated Voltage: 110V-240V
- Frequency:50/60Hz
- Max Ambient Temperature:40°C
- Protection Degree:IP20

## OPTIONALS:

- Crust according to customers' needs.
- Hydraulics connection according to customerneeds'
- Air-relief valve of 6mm or 1/4" diameter pipe.
- Pressure setting according to customer' s needs.

## DESCRIPTIONS:

- Pressure switch used for air compressors.
- The switch start and stop the air compressor automatically according to the setting pressure value.
- Hydraulics connection can choose:1/4"Male&Female.
- Air-relief valve with delayed closing system.
- Customized setting.



VT-2



VT-2



VT-8



VT-19



VT-24



SF-24



RT-24



HT-24



HYF-24



CATALOGUE 2017 QUALITY FOR LIFE

47/48

PAGE

PARTS





VT-50



VT-100

| TYPE | HIGHEST PRESSURE | INTO PRESSURE | INTERFACE | MAX TEMP | NET WEIGHT | VOLUME              |
|------|------------------|---------------|-----------|----------|------------|---------------------|
| 2L   | 5bar             | 1.1~1.3bar    | 1/2"      | 75°C     | 0.9Kg      | 0.029m <sup>3</sup> |
| 19L  | 5bar             | 1.3~2bar      | 1"        | 75°C     | 3.9Kg      | 0.029m <sup>3</sup> |
| 24L  | 5bar             | 1.3~2bar      | 1"        | 75°C     | 4.3Kg      | 0.039m <sup>3</sup> |
| 50L  | 5bar             | 1.3~2bar      | 1"        | 75°C     | 7.7Kg      | 0.077m <sup>3</sup> |
| 60L  | 5bar             | 1.3~2bar      | 1"        | 75°C     | 9Kg        | 0.122m <sup>3</sup> |
| 80L  | 5bar             | 1.3~2bar      | 1"        | 75°C     | 10.5Kg     | 0.128m <sup>3</sup> |
| 100L | 5bar             | 1.3~2bar      | 1"        | 75°C     | 11.5Kg     | 0.21m <sup>3</sup>  |



HX-01



HX-02



HX-03



HX-04



HX-COPPER-03



HX-COPPER-04



HX-COPPER-05



HX-PLASTIC-01



RADIAL  
HX-50/63R



AXIAL  
HX-50/63R



FLANGE(IRON01)



FLANGE(S/S)



FLANGE(IRON02)



GASBAG  
N.R.

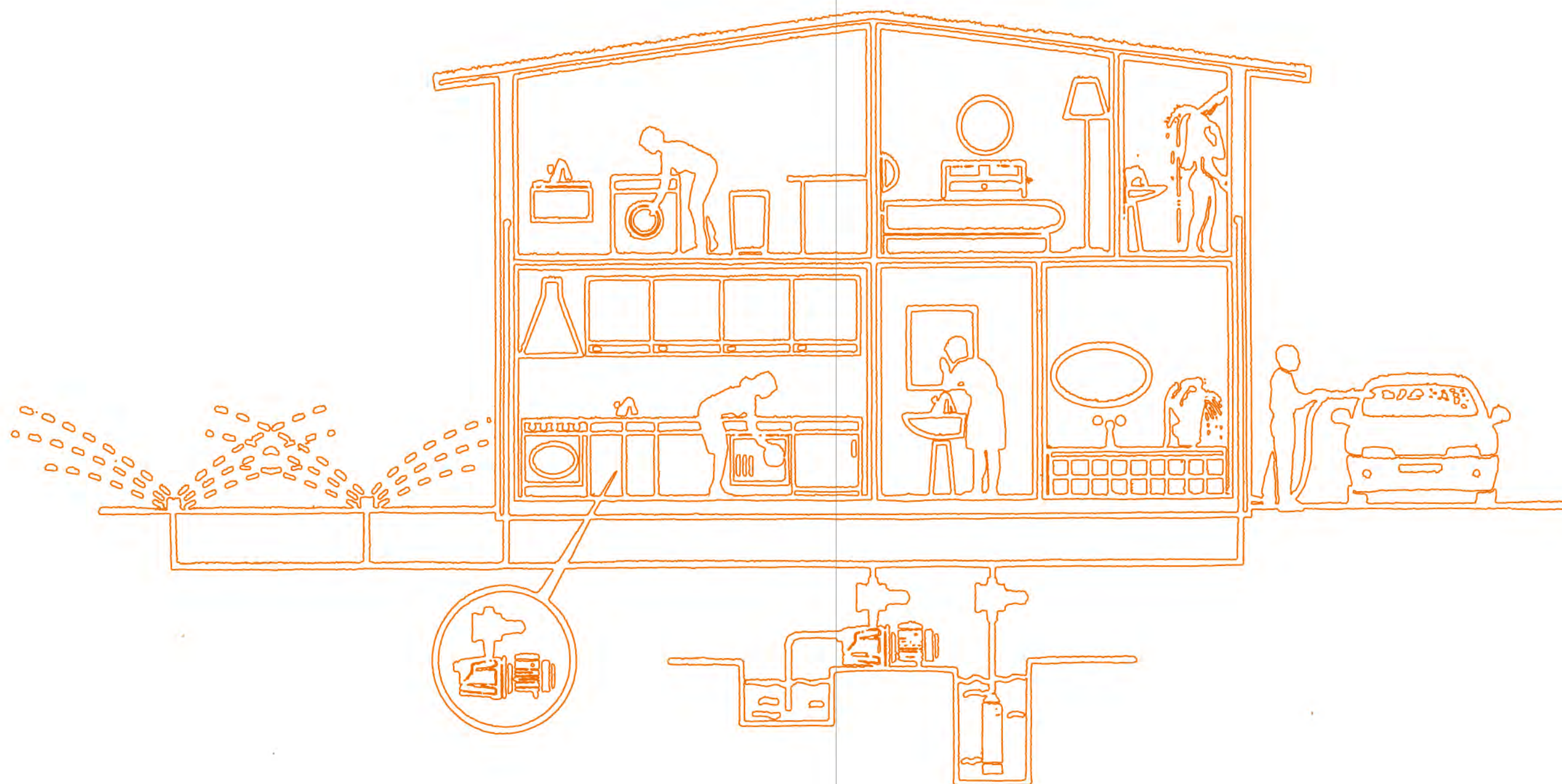


GASBAG  
EPDM



HX-H01









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