

INSTRUCTION MANUAL

FOR

Y type STRAINER

Model YS - 02~20

Prior to using the Product, it is essential to read this INSTRUCTION MANUAL, especially the description of safety-use issue.

For quick reference whenever necessary, keep this INSTRUCTION MANUAL in a good manner.



CKD Corporation

FOR SAFETY USE

The Product is to be used by those who has a basic knowledge about material, fluid, piping electricity regarding Control Valves (solenoid valves, motor valves, air operated valves and so on.)

Never use this Product by those who have no knowledge or are not well trained about Control Valves.

Should be any trouble or accident caused by a wrong selection and/or wrong use of the Product even by a person of basic knowledge about Control Valves, we are not responsible therefore.

Since any customer of the Product have a variety of its application, we are not in a position to get all the information on how and where the Product is used. There may be the cases where that the Product may not meet customers' requirement or may cause any trouble or accident, by fluid, piping or other condition that are not within the specifications of the Product.

Under such a circumstance, select with their responsibility the most suitable application and use of the Product according to the customers' requirements.

The Product incorporates a various safety arrangement, however miss-handling of the product may lead to any trouble or accident on customers side. To avoid any possible trouble, read this INSTRUCTION MANUAL carefully and understand it fully.

Pay your attention to the items described in this Text, as well as the items indicated below.



CAUTIONS

- When energized, heat is generated at coil portion of solenoid valves and motor valves particularly "Class H" coil where may have a high temperature.
- There may have electric shock when wire connecting portion of solenoid valves or motor valves are touched. In case of disassembly or inspection, turn off power supply beforehand. Don't touch live portion by wet hands.
- Make piping so as not to have leakage and check for no leakage before use, because in case of control valves for high temperature fluid like steam, leakage may cause heat injury.

1. Cautions for Installation

(1-1) Cautions for Piping

- a. Arrange the pipe so that the flowing direction of the fluid conforms with the arrow mark on the pipe.
- b. The screws used for the IN and OUT ports shall be the PT screw specified by the Japanese Industrial Standard. The use of nonstandardized screw may not fit properly.
- c. Use the pipe whose connecting caliper is more than the pipe diameter.
- d. Pay attention that any foreign substance, dust, etc. may not be mixed into the pipes when piping.

(1-2) Others

- a. Use the strainer within the ambient temperature from 0 to 60 °C and fluid temperature from 0 to 60 °C. The use under the condition below the freezing point may damage the device. Take sufficient measures when using under such condition.

2. Cautions for Maintenance

Should any abnormality be found or at periodical inspection, pay attention to the following points.

(2-1) Cautions for disassembling and reassembling

- a. Stop supplying the fluid before disassembling.
- b. Disassembling and reassembling procedure
Remove the strainer ③ by loosening the cap ②.
Clean the strainer with water and remove foreign matter, dust, etc. attached to the strainer. Mount the strainer with the packing ④ being fitted in and tighten them.

