

INSTRUCTION MANUAL

(Y - type strainer)

1/2

36

1. Specifications

The Y-type strainer is used to purify fluid in a tube by separating out impurities, therefore it is important to understand both the mechanism and the operating manual of the strainer to obtain adequate performance results.

2. Mechanism

Refer to next page.

3. Installation

- (1) Mount the strainer so that the arrow mark on the strainer coincides with the direction of the fluid.
- (2) Keep on open space above the strainer for replacing the screen.
- (3) Mount the strainer securely so that it will not move or vibrate.

4. Maintenance

The screen is the most important part of the strainer. Initially the screen has more several times filtering area than cross sectional area of the inlet nozzle, but resistance increases with the accumulation of impurities, impeding the fluid and increasing the pressure difference across the screen, occasionally causing breakage of the strainer. It is therefore necessary to clean the screen before any such trouble might occur. Following the removal and reinsertion procedures of the screen.

(Refer to the next page.)

(1) Screen Removal

Procedure	Notice
1) Remove BOLTS (5) and open COVER (2) 2) Take out SCREEN (3)	Use caution to prevent damage to PACKING (4)

(2) Screen Reinsertion

Procedure	Notice
1) Insert SCREEN (3) securely. 2) Put PACKING (4), mount COVER (2) and tighten BOLTS (5)	Reinsert SCREEN (3) once again in position if COVER (2) does not fit and shows floating state. Do not fasten BOLTS (5) in- dividually. Rather, tighten them equally until adequate torque is achieved.

(3) Cleaning of screen

The following cleaning methods can be applied to the removed screen.

1. Blowing of compressed air, water or cleaning solvent.
2. Scraping off the impurities by brush, etc.
3. Cleaning by immersion into cleaning solvent.

(4) Blower

The blower can be removed and fluid can be drained by removing DRAIN PLUG (6)

Installation of the valve will be still more convenient.

