



Installation and Maintenance Instructions for IFC Temporary Strainers

BASKET, CONE AND PLATE TYPE TEMPORARY STRAINERS

I. Installation

Remove all shipping and crating materials carefully. Dispose of all crating materials safely. Ensure that all machined surfaces are free of defects and that the inside of the strainer is free of foreign objects.

Once installed increase line pressure gradually and check for leakage around joints. After completing installation be sure to double check connections for integrity.

Your ISLIP FLOW CONTROL Inc. type TB, TC or TP strainer is now ready for operation!

Operation

Strainer System Start-Up Procedure:

Prior to turning on the flow to the inlet service, please make sure the following checks:

1. Check inside cone strainer unit to be sure the screen is in housing and does not require cleaning or replacement.
2. You are now ready to Open the flow to the inlet service line. Slowly open the service approximately 25% of normal operational flow. Complete opening of inlet line until desired flow rate is reached.

Once the desired service flow has been established, the strainer will operate efficiently until the screen becomes dirty. However, under no circumstances you should never have more than a 10 PSID differential pressure.

To prevent excessive drop through the strainer unit, regular inspection of the strainer media is required. Monitoring of differential pressure through the housing can be utilized as a means of determining whether or not the strainer media needs cleaning or replacement.

When it becomes necessary to clean or replace screen media, follow the procedure outlined below:

1. First close the flow from the inlet service line.
2. Close the flow to the outlet service line. (In some applications closing flow to the outlet is not required.)
3. Relieve the pressure from the strainer unit.
4. Drain housing sufficiently to access strainer screen.
5. Remove filter screen and clean thoroughly.
6. Install clean screen into strainer unit.
7. Inspect gasket for cuts or other signs of failure and make sure it is properly seated. **(NOTE: If spiral wound gaskets have been used they must be replaced and cannot be used again.)**

For maximum efficiency, determine the length of time it takes for the pressure drop to double that in the clean condition. Once the pressure drop reaches an unacceptable value open the blow-down valve until the collected sediment is removed. If the pressure drop remains high, the line must be shut down and the strainer screen cleaned.

When line shut down is complete, remove and clean screen. **(NOTE: In some instances a high pressure water jet or steam may be required for effective cleaning.)**

II. Spare Parts List

1. Gasket
2. Screen

III. Warranty Information

All products are warranted to be free of defects in material and workmanship for a period of one year from the date of shipment, subject to the limitations below:

If the purchaser believes a product to be defective, the purchaser shall: (a) Notify the manufacturer, state the alleged defect and request permission to return the product (b) If the permission is granted, return the product with transportation prepaid. If the product is accepted for return and found to be defective, the manufacturer will, at its discretion, either repair or replace the product, f.o.b. factory within 60 days of receipt or refund the purchase price. Other than to repair replace or refund described above, the purchaser agrees that the manufacturer shall not be liable for any losses, costs, expenses or damages of any kind arising out of the product its use installation or replacement, labeling, instructions, information or technical data of any kind, description of product use, sample or model, warnings or lack of foregoing. No warranties, written or oral, expressed or implied, including the warranties of fitness for a particular purpose and merchantability, are made or authorized. No affirmation of fact, promise, description of product use or sample or model shall create any warranty from the manufacturer, unless signed by the president or vice-president. These products are not manufactured, sold or intended for personal, family or household purposes.

IV. Manufacturer Information

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