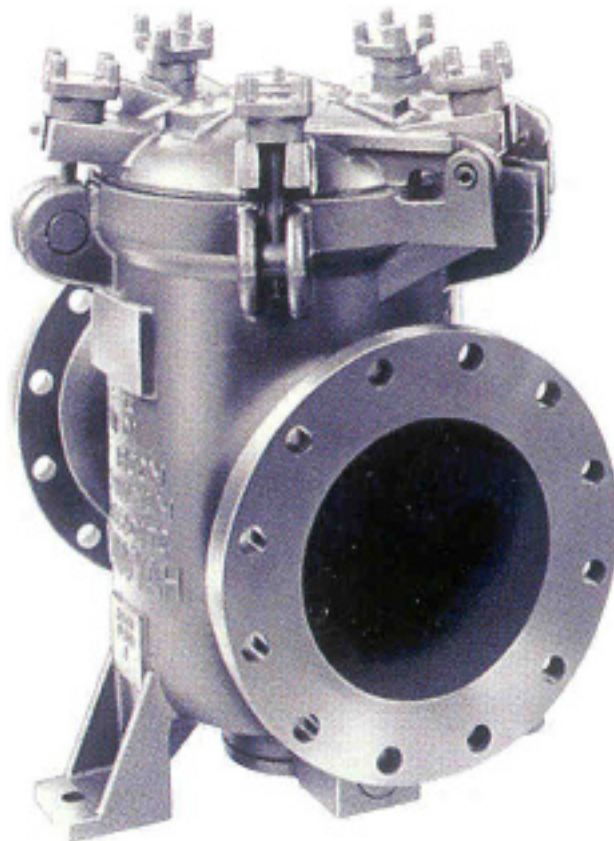


MODEL SC SIMPLEX STRAINER

Factory Direct Pipeline Products, Inc.

<http://www.fdpp.com>

Model SC Single Chamber Simplex Line Strainers



10" to 18" Operating Instructions



Factory Direct Pipeline Products, Inc.

<http://www.fdpp.com>

MODEL SC SIMPLEX STRAINER

FDPP SIMPLEX STRAINER MODEL SC, 10" to 18" Size OPERATING INSTRUCTIONS

SCOPE

The purpose of this procedure is to describe the installation, operation and maintenance requirements for the FDPP Model SC, 10" to 18" size, basket strainers.

INSTALLATION

Each Model SC basket strainer is shipped completely assembled and ready for installation. Please note the correct location of the "INLET TAG" in order that the unit is properly aligned prior to bolting up in the field. Check hold down wing nuts on the quick-opening covers to assure a proper seal will be maintained during the operation of the unit.

OPERATION

During operation, once proper installation has been accomplished, the unit requires no special monitoring. The pressure differential across the basket must be observed periodically to determine when the screen has become sufficiently loaded with solids to warrant the cleaning of the basket. The maximum acceptable differential across the basket should be determined and present prior to operation to assure trouble free operation.

MAINTENANCE

Should it be necessary to open the cover of the strainer, to remove the basket, care must be taken to assure that the pressure inside the unit has been reduced to atmospheric. Each hold-down wing nut on the quick-opening closure should be loosened halfway, i.e. not removing the swing bolt from its position, until the line fluid begins to seep out which assures that the line pressure has been reduced. When placing the basket into the straining unit, care must be taken to assure that the basket is properly seated.

Before closing the cover, the machined surface, which will contact the O-ring, must be thoroughly wiped clean to minimize scoring on the O-ring. The O-ring itself should be inspected also to assure that proper sealing will be accomplished. Once closed the hold down wing nuts should be tightened in such a manner as to assure the cover and O-ring rest squarely on the seating surface.



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