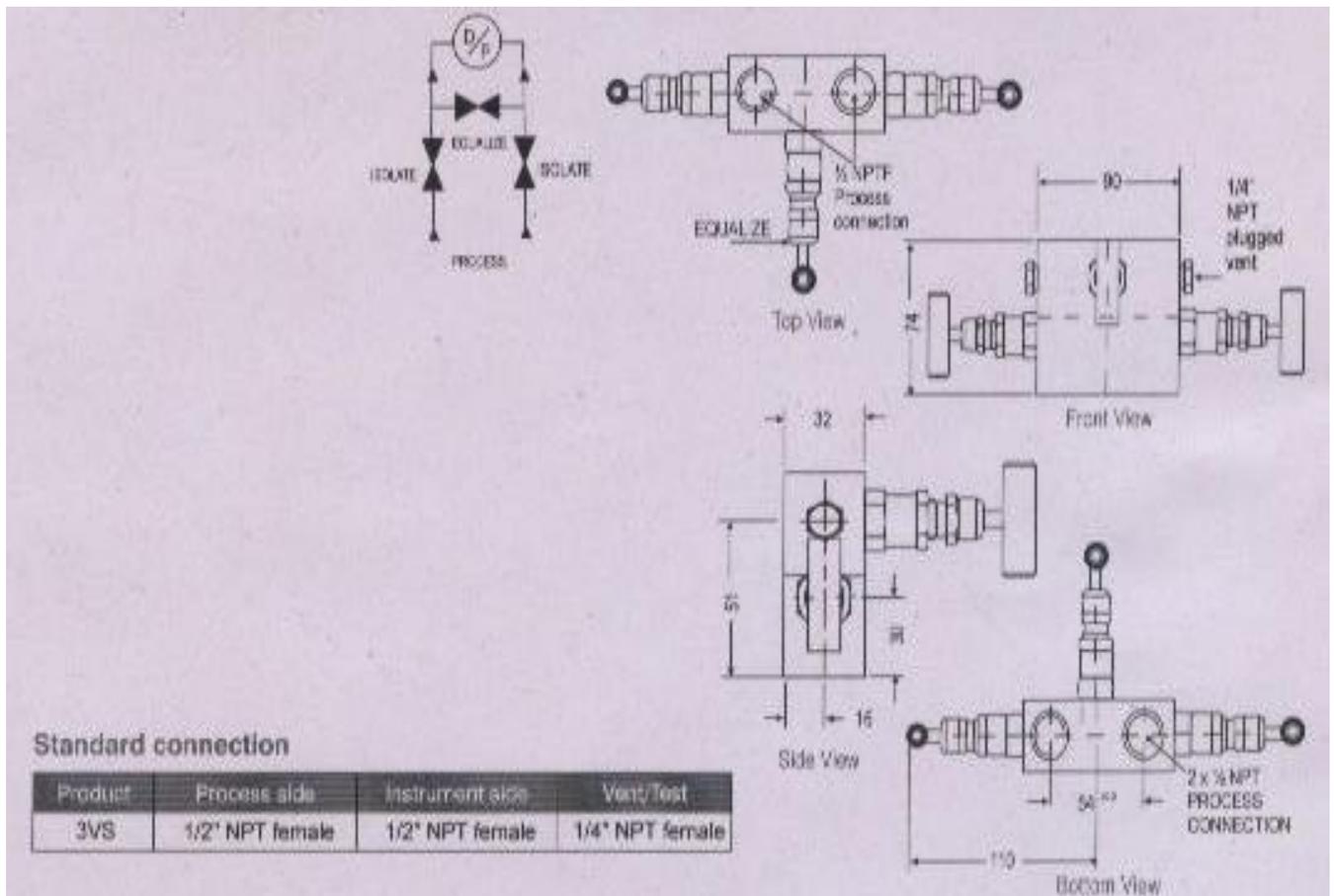


INSTALLATION, OPERATION & MAINTENANCE MANUAL FOR THREE VALVE MANIFOLDS



Strataa make manifolds are manufactured under strict quality control, hence are expected to be in reliable service for longer period, if selected, installed and maintained properly as per the guidelines given herein.

DIAGRAM:



SELECTION:

Each manifold of Strataa is designed to meet specific requirement. With the wide variety of manifolds, it is very important to select the manifolds with proper specifications. Selection parameters like working pressure, process temperature, process media's chemical properties, mounting location, environmental conditions like corrosive atmosphere, excessive heat or cold, vibration, rapid fluctuation of pressure etc must be taken care properly.

Care must be taken while using manifolds for oxygen, acetylene, food, acids etc. Body material should be selected in accordance with the application. Such type of requirement to be furnished to the manufacturer while ordering.

INSTALLATION & MAINTENANCE:

Refer the flow diagram shown above. The connection must be made accordingly. Manifolds can be mounted at any suitable angle.

Each manifold is fitted with a colour coded cap for identification: -

ISOLATE (Blue)

EQUALISE (Green)

VENT (Red)

Ensure that the threaded joints are leak proof. Open the drain valve by moving the handle in anticlockwise direction and close the isolation valve by moving the handle in clockwise direction and remove the drain plug to drain out the fluid. To isolate the system, close the drain valve by moving the handle in clockwise direction and open the isolation valve by moving the handle in anticlockwise direction.

These types of manifolds do not require any maintenance for years however, it is recommended to change the sealing gaskets periodically for safety.

! CAUTION:

- 1) Do not remove the instrument from manifold when the system is in pressurized condition. Use of isolation valve is recommended for the same.**
- 2) Do not remove the safety pin provided on the body.**
- 3) Do not use the manifold above the recommended working pressure and temperature parameters given in the specifications.**

Refer individual Data Sheets of Series 6211MF- Three Valve Manifolds