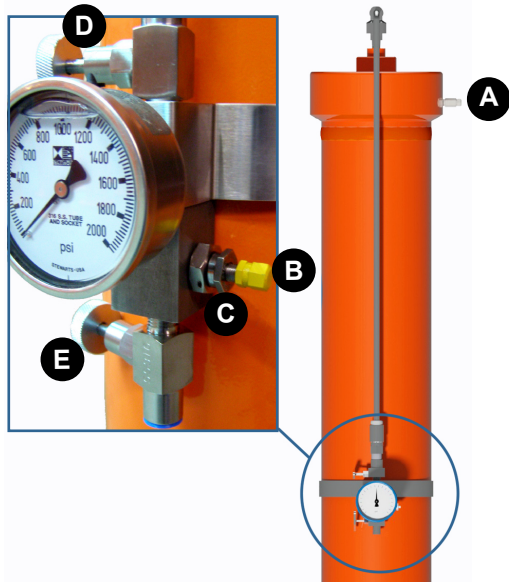


# CHARGING INSTRUCTIONS

Status Flow™ Suction Stabilizer with Lower Loading Assembly



## CHARGING PROCEDURE:



### ⚠ WARNING

#### CHARGE ONLY WITH NITROGEN!

- The recommended pre-charge pressure is between 60% of the discharge operating pressure and the maximum charge pressure of the cartridge – whichever is less.
- Maximum charge pressure levels are found on the case label or on the pressure tag located at the top of the cartridge.
- Proper charging requires the use of a nitrogen bottle with a regulator set at the maximum charge pressure.

1. Close bleeder valve (E). Valve should remain closed during charging and operation.
2. Shut down pump and relieve line pressure from discharge side of pump before closing suction valve.
3. Once pump discharge line pressure is relieved, close suction line valve and drain suction line.
4. Open stabilizer bleeder valve (A).

### ⚠ NOTICE

There may be fluid discharge from valve. Take appropriate steps to capture fluid if necessary.

5. Ensure that isolation valve (D) is open.
6. Remove dust cap from stabilizer loading valve port (B) and attach charging hose.
7. Loosen the 5/8" safety nut (C) with 3 full turns.
8. Using NITROGEN ONLY, charge the cartridge through loading valve (C) to the recommended charge pressure.

### ⚠ WARNING

DO NOT EXCEED MAXIMUM CHARGING PRESSURE OF THE CARTRIDGE.

Failure to use a regulator to limit the nitrogen charge to the maximum allowable charge pressure could result in bursting or other damage to the cartridge and early failure.

9. Re-tighten safety nut (D).

### ⚠ CAUTION

Failure to properly tighten safety nut will result in nitrogen leakage causing performance and cartridge failure.

10. Remove charging hose and replace dust cap on charging port (B).
11. Use bleeder valve (A) as appropriate for system to fully evacuate air from vessel. Once purged, close bleeder valve (A).

### ⚠ NOTICE

There may be fluid discharge from valve. Take appropriate steps to capture fluid if necessary.