

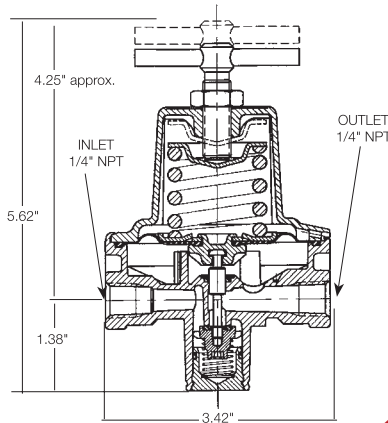
High Pressure Industrial / Commercial Pounds-to-Pounds Regulators 597F Series

Application

Designed to reduce propane gas container pressure down to between 3 and 100 PSIG. Ideal for liquid or vapor service, they can be used in a variety of applications including salamander heaters, weed burning torches, fish cookers, tar pot heaters, and other industrial type services.

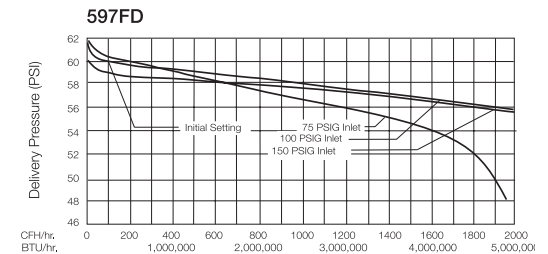
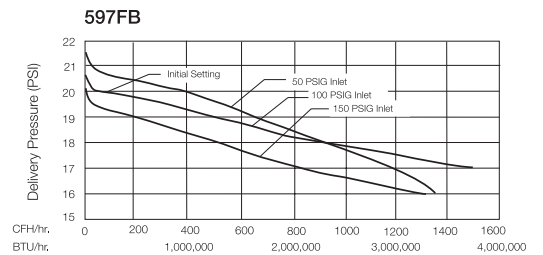
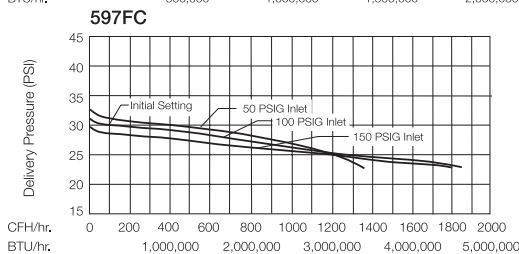
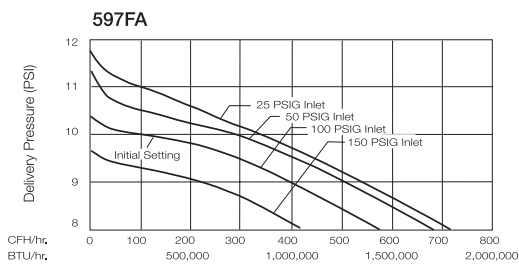
Features

- Provides high capacity performance at a reasonable price.
- Suitable for both liquid and vapor service.
- Compact design provides for easy installation.
- Negative or indirect acting design provides for excellent performance when needed most – in cold weather, when tank pressures are lowest and system demands are highest.
- Consistent delivery pressure, especially in cold weather, helps assure maximum performance from the second stage regulator.
- Can be readily fitted with a pressure gauge in the 1/4" F.NPT port.
- Molded diaphragm provides an o-ring like seal between the body and the bonnet.
- Fully painted in brilliant red for complete corrosion protection.
- Available in four adjustable ranges for maximum performance.
- Bonnet and body are assembled in the USA using the unique, patented RegULok™ Seal System.



Materials

| | |
|------------------------|--|
| Body | Zinc |
| Bonnet | Zinc |
| Springs | Steel |
| Valve Seat Discs | Resilient Rubber |
| Diaphragms | Integrated Fabric and Synthetic Rubber |
| Adjusting Screw..... | Brass |



Ordering Information

| Part Number | Adjustment Method | Inlet Connection | Outlet Connection | Recommended Delivery Pressure Range (PSIG) | Capacity Determined at Set Pressure of PSIG* | Capacity BTU/hr. Propane** |
|-------------|-------------------|------------------|-------------------|--|--|----------------------------|
| 597FA | Tee Handle | 1/4" NPT | 1/4" NPT | 1-15 | 10 | 1,750,000 |
| 597FB | | | | 10-30 | 20 | 3,000,000 |
| 597FC | | | | 20-45 | 30 | 3,500,000 |
| 597FD | | | | 40-100 | 40 | 4,500,000 |

* Set pressure established at 100 PSIG inlet and a flow of 250,000 BTU/hr.

** Capacity determined at actual delivery pressure 20% less than set pressure with inlet pressure 20 PSIG higher than the set pressure.