

Market Forge (Analog) Sterilmatic Sterilizer Calibration Information

Below is some helpful information for validating and calibrating your Market Forge Sterilizer.

Tolerances for the major components are:

Part Name	Market Forge Part Number	Accuracy
Pressure Gauge	10-9267	Is within +/- 2% of scale
Temperature Gauge	10-9268	Is within +/- 2% of scale
Timer	10-6290 (for STM-E(L)) 10-6873 (for STM-E(L)X)	Is within +/- 30 seconds
Pressure Switch	95-3434 (for STM-E(L)) 95-3442 (for STM-E(L)X)	See Notes below

Notes:

- 1) All switches are U.L Approved, Rated
 10A (Cont. Ind.) 125 V or 250 A.C.
 3A at 460 Volts A.C
- 2) Leads 18" ±1" of #16 AWG TEW, 105°C,
 2/64 Thickness Insulation
- 3) Wiring Code: (U.L. & C.S.A. Approved)
 - Circuit #1 Common - Purple
 Norm. Closed - Blue
 Norm. Open - Red
 - Circuit #2 Common - Brown
 Norm. Closed - Orange
 Norm. Open - Yellow
 (No Lead Req'd)
- 4) Pressure Settings For Switches:
 (Corrected to Sea Level) Pounds Per Square Inch Gauge.
 - Switch #1 Cut in (*on decreasing pressure at*) 12.0 ±.50 PSI
 Cut Out (*on increasing pressure at*) 12.5 ± .25 PSI
 - Switch #2 Cut In / Out Less Differential of 0.1 to 0.2 P.S.I.
 Cut Out (*on increasing pressure at*) 15.5 ± .25 PSI
- 5) Bellows: Stainless Steel 60 # Sq. Inch
 Proof (Test) Pressure
- 6) Approved Supplier: Barksdale #CD2S-H18SS-Q5
- 7) Pressure not to be Factory Set by Supplier