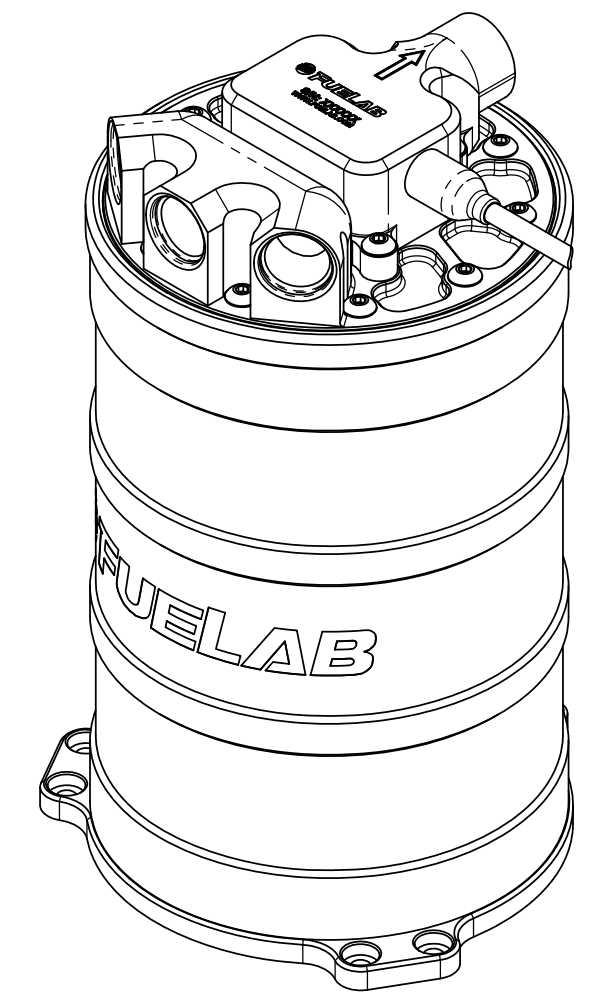
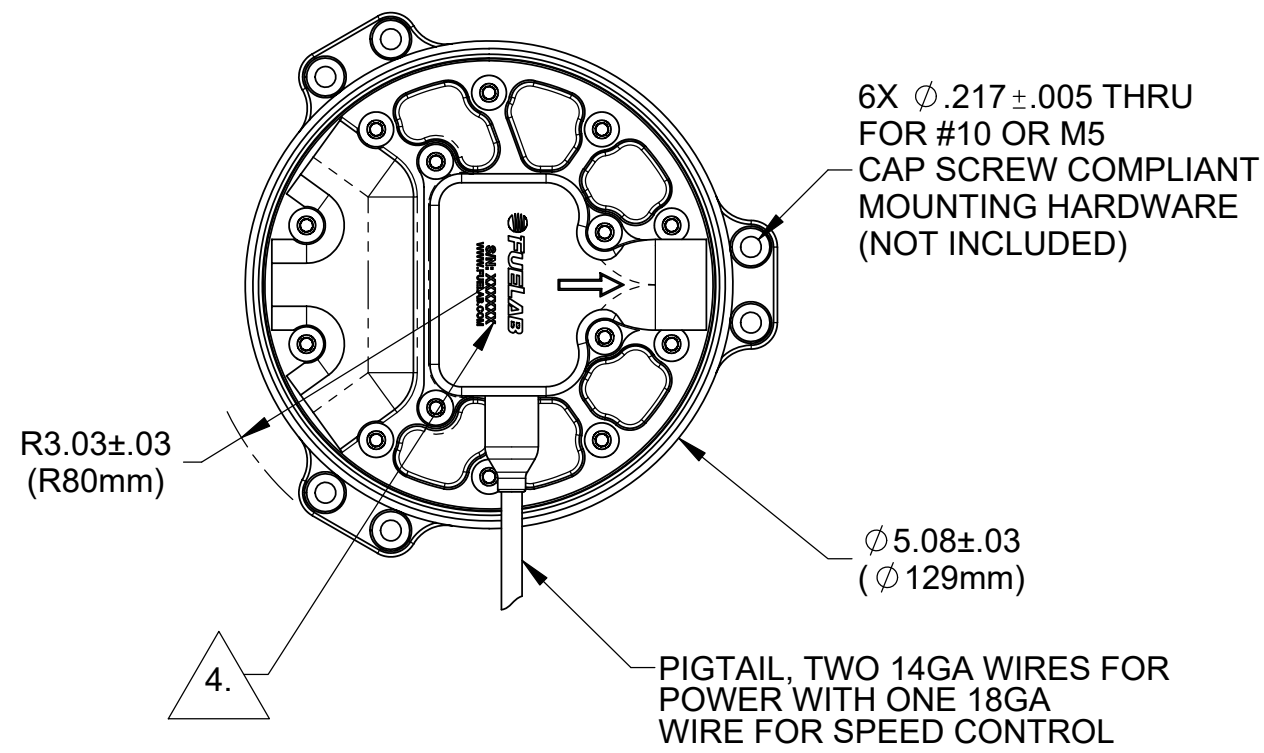


NOTES:

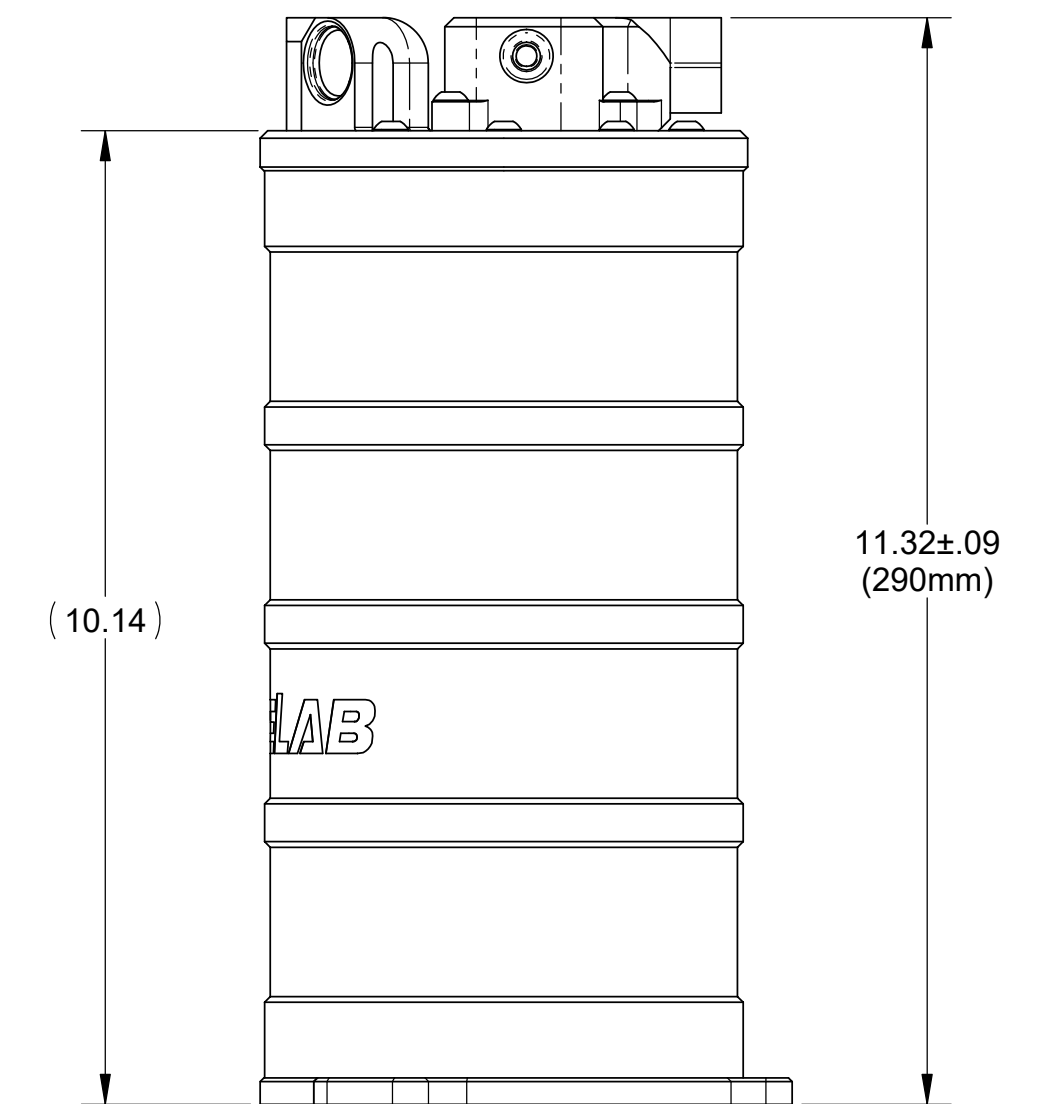
1. THIS DRAWING DESCRIBES THE FUELAB 617xx SERIES FUEL SURGE TANK SYSTEM.
2. FEATURES INCLUDE:
 - SYSTEM DESIGNED TO PREVENT FUEL SLOSH EFFECTS OR MAIN TANK PUMP CAPACITY INSUFFICIENCIES
 - INTEGRATED THREE PHASE DC BRUSHLESS MOTOR WITH NEODYMIUM MAGNETS
 - INTEGRATED SCREW STYLE PUMP
 - INTEGRATED CONTROLLER ELECTRONICS WITH PWM SPEED CONTROL
 - BILLET ALUMINUM, STAINLESS STEEL CONSTRUCTION WITH FLUOROSILICONE SEALS.
3. FUEL COMPATIBILITY INCLUDES:
 - GASOLINE (PUMP OR RACE)
 - METHANOL
 - ETHANOL (INCLUDING E85)
 - DIESEL
4. UNIQUE SERIAL NUMBER DOES NOT CONTAIN DIRECT INFORMATION IN DETERMINING MODEL NUMBER. CONTACT FUELAB FOR DETERMINATION OF MODEL NUMBER BASED ON SERIAL NUMBER.
5. LEAK TESTED RESERVOIR ASSEMBLY WITH FUEL PUMP(S) INSTALLED, INSTRUCTIONS AND PERFORMANCE CERTIFICATION INCLUDED, BAGGED SERPARATELY FROM SYSTEM.
6. 8-18 VOLT OPERATING RANGE, USE ONLY 12 VOLT OR 16 VOLT (6 OR 8 CELL LEAD ACID BATTERY) VEHICLE SYSTEMS WITH OR WITHOUT CHARGING SYSTEM.
7. ALL MODEL 617xx SERIES SYSTEMS REQUIRE BYPASS REGULATOR OR RELIEF VALVE TO AVOID OVER-PRESSURE OPERATING CONDITION.
8. SEE TABLE BELOW FOR DETERMINATION OF DESIRED MODEL NUMBER.



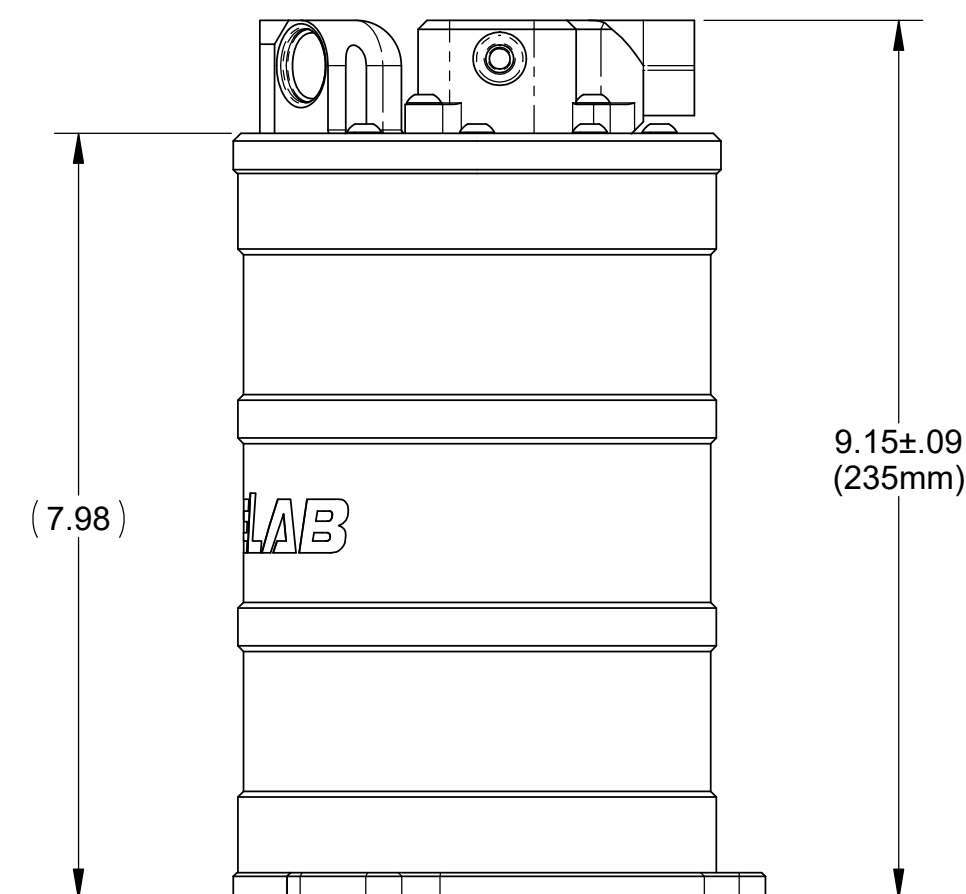
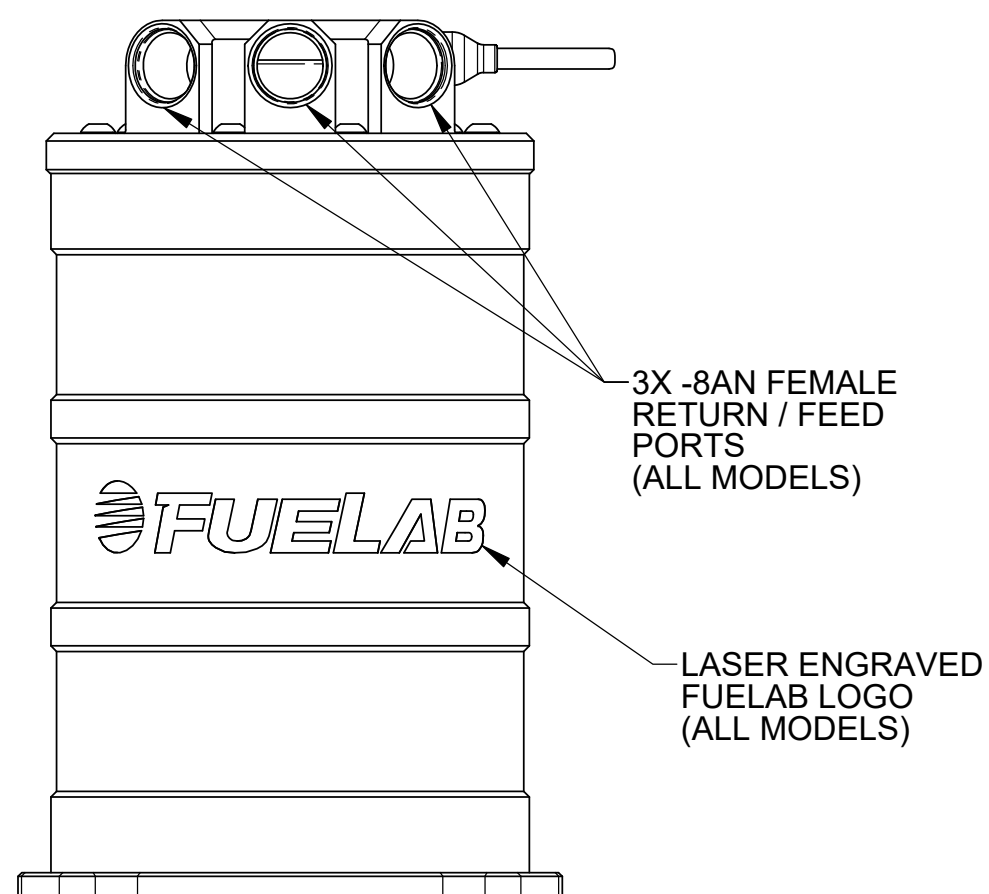
**ISOMETRIC VIEW
(FOR MODELS 61701, 61702 OR 61703)**

MODEL SELECTION TABLE


| MODEL | TANK VOLUME | FLOW RATING, AT 13.5v | FLOW RATING, AT 13.5v | MAX. PRESSURE |
|-------|----------------|-----------------------|-----------------------|-------------------|
| 61701 | .55 GAL (2.1L) | 66 GPH AT 45 PSI | 250 LPH AT 3.0 BAR | 125 PSI (8.5 BAR) |
| 61702 | .55 GAL (2.1L) | 92 GPH AT 45 PSI | 350 LPH AT 3.0 BAR | 125 PSI (8.5 BAR) |
| 61703 | .55 GAL (2.1L) | 132 GPH AT 45 PSI | 500 LPH AT 3.0 BAR | 125 PSI (8.5 BAR) |
| 61711 | .71 GAL (2.7L) | 66 GPH AT 45 PSI | 250 LPH AT 3.0 BAR | 125 PSI (8.5 BAR) |
| 61712 | .71 GAL (2.7L) | 92 GPH AT 45 PSI | 350 LPH AT 3.0 BAR | 125 PSI (8.5 BAR) |
| 61713 | .71 GAL (2.7L) | 132 GPH AT 45 PSI | 500 LPH AT 3.0 BAR | 125 PSI (8.5 BAR) |

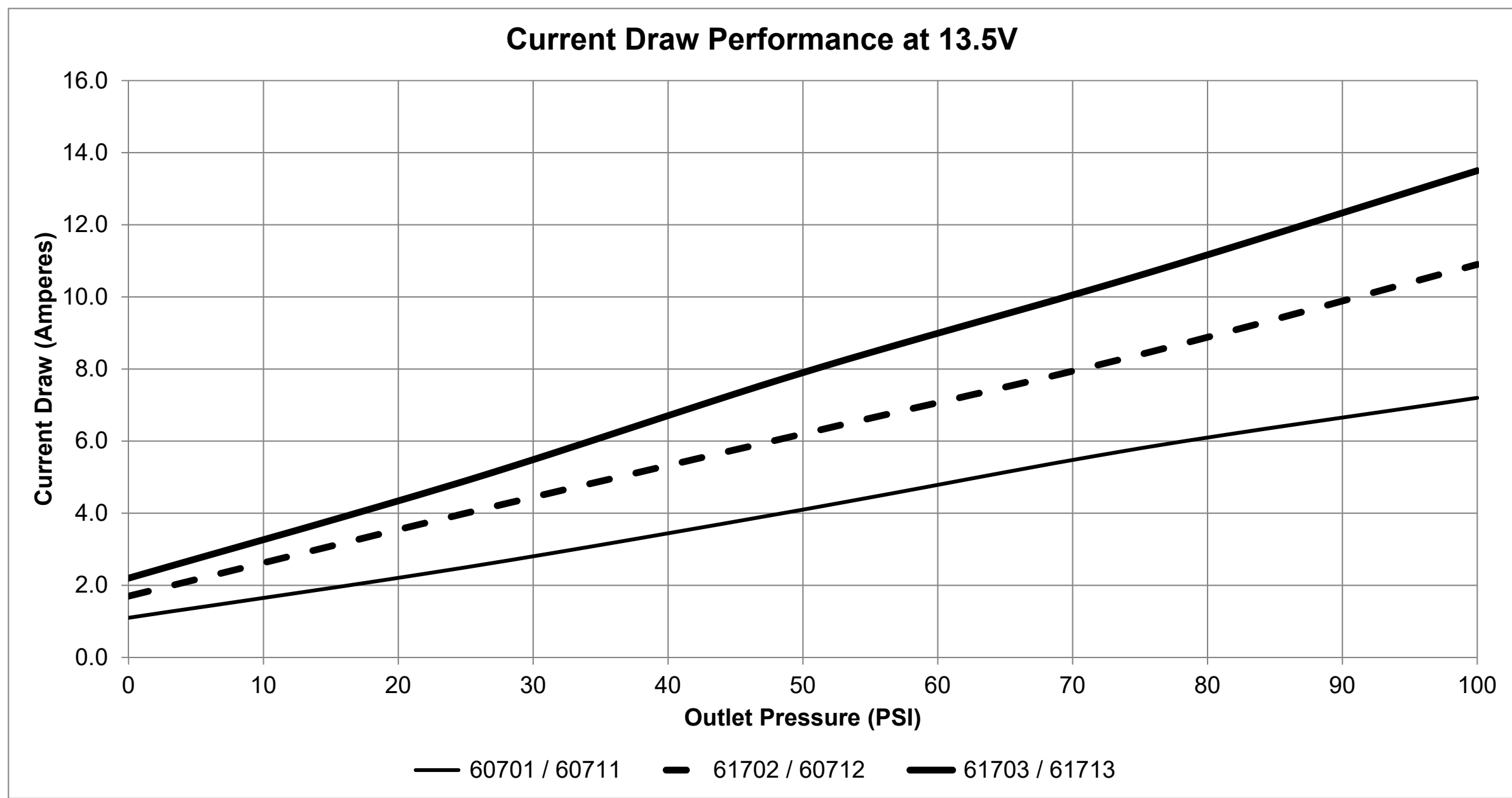
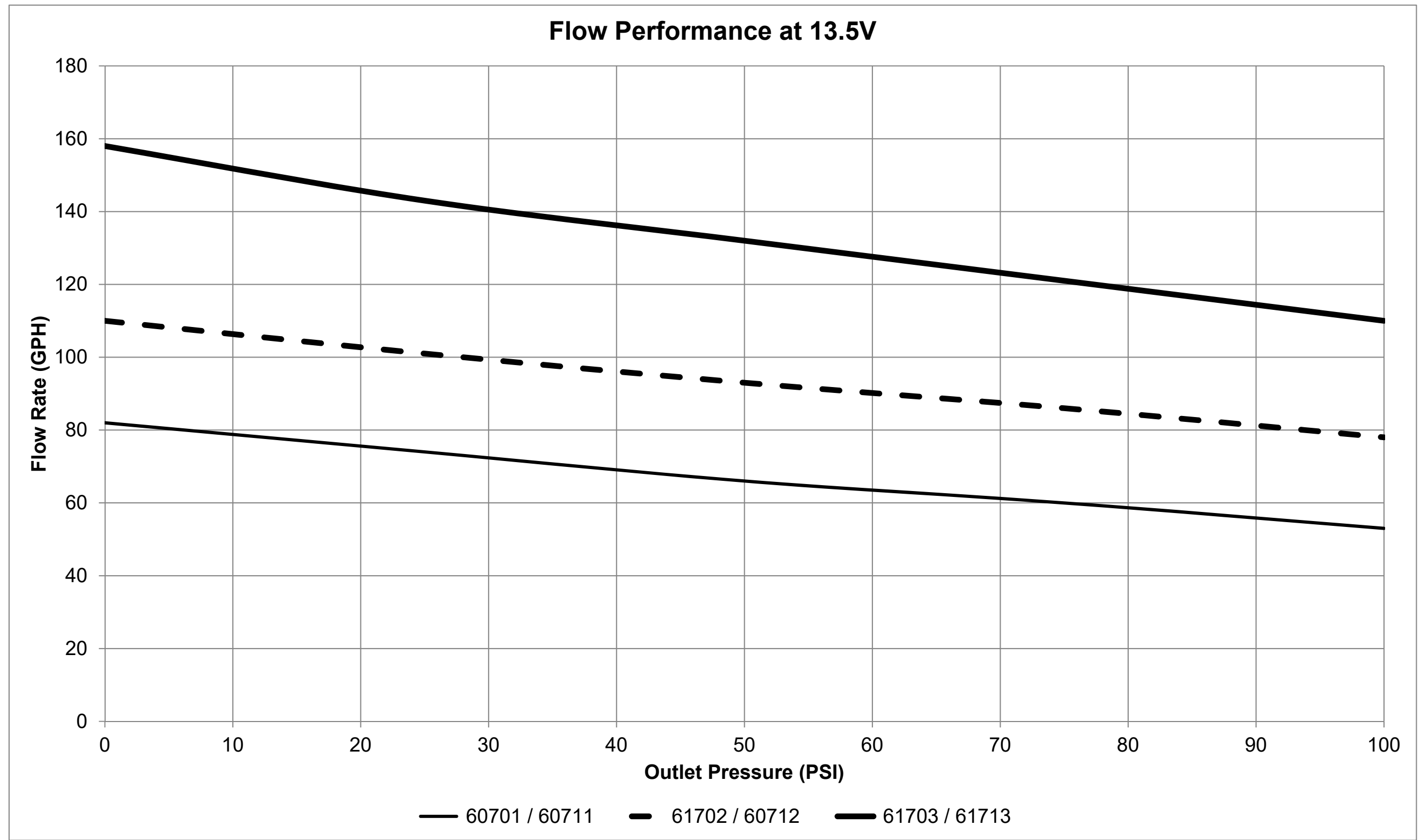


**MODELS 61711, 61712 AND 61713 ONLY
SHOWN ABOVE**



**MODELS 61701, 61702 AND 61703 ONLY
SHOWN ABOVE**

| | | | |
|---|--|---|----------------------------|
| UNLESS OTHERWISE SPECIFIED: INTERPRET DWG PER ANSI Y14.5 DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64" ANGULAR: ±1/2° DECIMALS: X±1 .XX±.03 .XXX±.010 SURFACE FINISH: 128 OR BETTER BREAK ALL SHARP EDGES .010 MAX REMOVE ALL BURRS | |  Collinsville, Illinois | |
| TITLE: SYSTEM, FUEL SURGE TANK - SCREW PUMP | | SIZE: C | DWG. NO.: 114020200 |
| THIRD ANGLE PROJECTION | | SCALE: 1/1 | WEIGHT: SHEET: 1 OF 2 |



| | | | |
|---|------------------------------|--|--|
| UNLESS OTHERWISE SPECIFIED: INTERPRET DWG PER ANSI Y14.5 DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64" ANGULAR: ±1/2° DECIMALS: X±1 .XX±.03 .XXX±.010 SURFACE FINISH: 128 ✓ OR BETTER BREAK ALL SHARP EDGES .010 MAX REMOVE ALL BURRS | | FUELAB DIGITAL FUEL DELIVERY Collinsville, Illinois | |
| THIRD ANGLE PROJECTION | | SYSTEM, FUEL SURGE TANK - SCREW PUMP | |
| C | DWG. NO. 114020200 | REV | |
| SCALE: 1/1 | WEIGHT: | SHEET: 2 OF 2 | |