| FSBCC         SwissFlow 3000         Swissflow         Image: Page 12 to 100 (a) (b) (c) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c  | Subsystem         | Description                              | Distributor            | Part #          | Quan | Unit Price | Total Cost |
|--|-------------------|--|------------------------|-----------------|------|------------|------------|
| SSECC  | FS&CC             | SwissFlow 3000                           | Swissflow              |                 | 2    | 0.00       | \$0.00     |
| FSB.CC         50 ohm Resistor         stock         RMINIO.0CRCT         2         0.00         50.00           FSB.CC         200 ohm Resistor         bigl-key         RMINIO.0CRCT         2         0.00         50.00           FSB.CC         500 ohm Resistor         stock         1M001FSCT.ND         2         0.00         50.00           FSB.CC         100de NM001         bigl-key         1M001FSCT.ND         2         0.01         50.00           FSB.CC         100ge writch         stock         1         2         2.19         5.28           FSB.CC         Clear Viny Tubing         Home Depot         1         1         0.00         50.00           FSB.CC         1000 ohm Resistor         stock         1         1         0.00         50.00           FSB.CC         1000 ohm Resistor         stock         1         1         0.00         50.00           FSB.CC         120 voltage Power Brick         provided in kit         1         1         0.00         50.00           SSAC         120 voltage Power Brick         provided in kit         1         1         0.00         50.00           Grad Scan         Unitech America MS240 Mag Stripe Reader.         Unitech America  | FS&CC             | ETI 12V Solenoid (US5311162)             | stock                  |                 | 2    | 0.00       | \$0.00     |
| SSBCC   2000 ohm Resistor   Stock    | FS&CC             | MOSFET N-CH 30V 1.7A SSOT3               | Digi-key               | NDS355ANCT-ND   | 2    | 0.51       | \$1.02     |
| FSS.CC         500 ohm Resistor         stock         ————————————————————————————————————   | FS&CC             | 50 ohm Resistor                          | stock                  |                 | 2    | 0.00       | \$0.00     |
| SSBCC   Diode 1N4001   Digit Ney   1N4001FSCT-ND   2   0.31   S.0.62   | FS&CC             | 2200 ohm Resistor                        | Digi-key               | RHM10.0KCRCT    | 2    | 0.00       | \$0.00     |
| SSCC   toggle switch   Stock   Signed Stock   Sig | FS&CC             | 500 ohm Resistor                         | stock                  |                 | 2    | 0.00       | \$0.00     |
| SSCC   | FS&CC             | Diode 1N4001                             | Digi-key               | 1N4001FSCT-ND   | 2    | 0.31       | \$0.62     |
| Page    | FS&CC             | toggle switch                            | stock                  |                 | 5    | 0.00       | \$0.00     |
| PS&CC  | FS&CC             | Ander-Lign Compression Connector (Brass) | Home Depot             |                 | 2    | 2.19       | \$4.38     |
| 58.CC   Danby 5.8 Cu. Ft. Capacity Keg Cooler   Danby 5.8 Cu. Ft. Capacity Keg Cooler   Danby 5.8 Cu. Ft. Capacity Keg Cooler   Drovided in kit   1 0.00   5.0.00  | FS&CC             | Clear Vinyl Tubing                       | Home Depot             |                 | 1    | 2.98       | \$2.98     |
| FS&CC         12v voltage Power Brick         provided in kit         1         0.00         \$0.00           Card Scan         Unitech America MS240 Mag Stripe Reader,         Unitech America         MS240-172         1         37.18         537.18           MicroController         300 ohm SMD resistor         Digi-key         SW116-ND         1         0.21         \$2.24           MicroController         10k SMD resistor         Digi-key         P10KDACT-ND         1         0.00         \$0.00           MicroController         10k SMD resistor         Digi-key         P10KDACT-ND         1         0.00         \$0.00           MicroController         4.7k smd resistor         Digi-key         P4.7KDACT-ND         1         0.00         \$0.00           MicroController         1.0uF sagacitor         Digi-key         ECJ-2VB1E104K         7         0.00         \$0.00           MicroController         4.7uF capacitor         Digi-key         PCC1842CT-ND         1         0.00         \$0.00           MicroController         4.7uF capacitor         Digi-key         160-1422-1-ND         1         0.00         \$0.00           MicroController         green led         Digi-key         160-1423-1-ND         9         0.00         \$0.00  | FS&CC             | 1000 ohm Resistor                        | stock                  |                 | 11   | 0.00       | \$0.00     |
| Card Scan         Unitech America MS240 Mag Stripe Reader,         Unitech America         MS240-112         1         37.18         537.18           MicroController         slide DPDT switch         Digi-key         SW116-ND         1         0.81         \$0.81           MicroController         300 ohm SMD resistor         Digi-key         P300DACT-ND         10         0.20         \$2.04           MicroController         10k SMD resistor         Digi-key         P10kDACT-ND         1         0.00         \$5.00           MicroController         4.7k smd resistor         Digi-key         P4.7KDACT-ND         1         0.00         \$50.00           MicroController         1.0F adapacitor         Digi-key         ECJ-2VB1E104K         7         0.00         \$50.00           MicroController         1.0F adapacitor         Digi-key         PCC21842CT-ND         1         0.00         \$50.00           MicroController         4.7uF capacitor         Digi-key         PCC1842CT-ND         1         0.00         \$50.00           MicroController         gene led         Digi-key         160-1422-1-ND         1         0.00         \$50.00           MicroController         diode         Digi-key         160-1423-1-ND         1         0.00  | FS&CC             | Danby 5.8 Cu. Ft. Capacity Keg Cooler    | loaned                 |                 | 1    | 0.00       | \$0.00     |
| MicroController         Bide DPDT switch         Digi-key         SW116-ND         1         0.81         \$0.81           MicroController         300 ohm SMD resistor         Digi-key         P300DACT-ND         10         0.20         \$2.04           MicroController         10k SMD resistor         Digi-key         P10kDACT-ND         2         0.00         \$0.00           MicroController         4.7k smd resistor         Digi-key         P4.7KDACT-ND         1         0.00         \$0.00           MicroController         1uF smd capacitor         Digi-key         PC2222SCT-ND         1         0.00         \$0.00           MicroController         1uF smd capacitor         Digi-key         PCC1282CT-ND         1         0.00         \$0.00           MicroController         4.7uF capacitor         Digi-key         PCC1842CT-ND         1         0.00         \$0.00           MicroController         green led         Digi-key         160-1422-1-ND         1         0.00         \$0.00           MicroController         green led         Digi-key         160-1423-1-ND         1         0.00         \$0.00           MicroController         ferrite beed         Digi-key         160-1423-1-ND         1         0.00         \$0.00 <td>FS&amp;CC</td> <td>12v voltage Power Brick</td> <td>provided in kit</td> <td></td> <td>1</td> <td>0.00</td> <td>\$0.00</td>  | FS&CC             | 12v voltage Power Brick                  | provided in kit        |                 | 1    | 0.00       | \$0.00     |
| MicroController         300 ohm SMD resistor         Digi-key         P300DACT-ND         10         0.20         \$2.04           MicroController         10k SMD resistor         Digi-key         P10kDACT-ND         2         0.00         \$0.00           MicroController         4.7k smd resistor         Digi-key         P4.7KDACT-ND         1         0.00         \$0.00           MicroController         1.0F smd capacitor         Digi-key         ECJ-ZVB1E104K         7         0.00         \$0.00           MicroController         4.7uF capacitor         Digi-key         PCC2225CT-ND         1         0.00         \$0.00           MicroController         fed led         Digi-key         160-1422-1-ND         1         0.00         \$0.00           MicroController         green led         Digi-key         160-1423-1-ND         9         0.00         \$0.00           MicroController         diode         Digi-key         144148WTPMSCT-1         1         0.00         \$0.00           MicroController         ferrite beed         Digi-key         445-2201-1-ND         1         0.00         \$0.00           MicroController         ferrite beed         Digi-key         497-1235-1-ND         1         0.00         \$0.00 <t< td=""><td>Card Scan</td><td>Unitech America MS240 Mag Stripe Reader,</td><td>Unitech America</td><td>MS240-1T2</td><td>1</td><td>37.18</td><td>\$37.18</td></t<>   | Card Scan         | Unitech America MS240 Mag Stripe Reader, | Unitech America        | MS240-1T2       | 1    | 37.18      | \$37.18    |
| MicroController         10k SMD resistor         Digi-key         P10kDACT-ND         2         0.00         \$0.00           MicroController         4.7k smd resistor         Digi-key         P4.7kDACT-ND         1         0.00         \$0.00           MicroController         1uF smd capacitor         Digi-key         ECJ-2VB1E104K         7         0.00         \$0.00           MicroController         10uF capacitor         Digi-key         PCC2225CT-ND         1         0.00         \$0.00           MicroController         4.7uF capacitor         Digi-key         PCC1842CT-ND         1         0.00         \$0.00           MicroController         red led         Digi-key         160-1422-1-ND         1         0.00         \$0.00           MicroController         diode         Digi-key         160-1422-1-ND         9         0.00         \$0.00           MicroController         diode         Digi-key         1445-2201-1-ND         1         0.00         \$0.00           MicroController         ferrite beed         Digi-key         445-2201-1-ND         1         0.00         \$0.00           MicroController         5v voltage reg.         Digi-key         497-1235-1-ND         1         0.00         \$0.00   | MicroController   | slide DPDT switch                        | Digi-key               | SW116-ND        | 1    | 0.81       | \$0.81     |
| MicroController         4.7k smd resistor         Digi-key         P4.7kDACT-ND         1         0.00         \$0.00           MicroController         JuF smd capacitor         Digi-key         ECJ-2VB1E104K         7         0.00         \$0.00           MicroController         10uF capacitor         Digi-key         PCC2225CT-ND         1         0.00         \$0.00           MicroController         4.7uF capacitor         Digi-key         PCC1842CT-ND         1         0.00         \$0.00           MicroController         red led         Digi-key         160-1422-1-ND         1         0.00         \$0.00           MicroController         green led         Digi-key         160-1422-1-ND         1         0.00         \$0.00           MicroController         dide         Digi-key         160-1423-1-ND         9         0.00         \$0.00           MicroController         ferrite beed         Digi-key         145-2201-1-ND         1         0.00         \$0.00           MicroController         5v voltage reg.         Digi-key         497-1235-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         497-1235-1-ND         1         0.00         \$0.00  | MicroController   | 300 ohm SMD resistor                     | Digi-key               | P300DACT-ND     | 10   | 0.20       | \$2.04     |
| MicroController         .1uF smd capacitor         Digi-key         ECJ-2VB1E104K         7         0.00         \$0.00           MicroController         10uF capacitor         Digi-key         PCC2225CT-ND         1         0.00         \$0.00           MicroController         4.7uF capacitor         Digi-key         PCC1842CT-ND         1         0.00         \$0.00           MicroController         red led         Digi-key         160-1422-1-ND         1         0.00         \$0.00           MicroController         green led         Digi-key         160-1423-1-ND         9         0.00         \$0.00           MicroController         diode         Digi-key         1N4148WTPMSCT-1         1         0.00         \$0.00           MicroController         Errite beed         Digi-key         445-2201-1-ND         1         0.00         \$0.00           MicroController         5v voltage reg.         Digi-key         497-1235-1-ND         1         0.00         \$0.00           MicroController         20MHz ceramic resonator         Digi-key         490-4717-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         490-4717-1-ND         1         0.00         \$0.00  | MicroController   | 10k SMD resistor                         | Digi-key               | P10KDACT-ND     | 2    | 0.00       | \$0.00     |
| MicroController         10uF capacitor         Digi-key         PCC2225CT-ND         1         0.00         \$0.00           MicroController         4.7uF capacitor         Digi-key         PCC1842CT-ND         1         0.00         \$0.00           MicroController         red led         Digi-key         160-1422-1-ND         1         0.00         \$0.00           MicroController         diode         Digi-key         184-148WTPMSCT-I         1         0.00         \$0.00           MicroController         ferrite beed         Digi-key         445-2201-1-ND         1         0.00         \$0.00           MicroController         20MHz ceramic resonator         Digi-key         497-1235-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         490-4717-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         609-3656-ND         1         0.00         \$0.00           MicroController         PIC18L4320-I/P Microcontroller         Digi-key         768-1007-1-ND         1         0.00         \$0.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00  | MicroController   | 4.7k smd resistor                        | Digi-key               | P4.7KDACT-ND    | 1    | 0.00       | \$0.00     |
| MicroController         4.7uF capacitor         Digi-key         PCC1842CT-ND         1         0.00         \$0.00           MicroController         red led         Digi-key         160-1422-1-ND         1         0.00         \$0.00           MicroController         green led         Digi-key         160-1423-1-ND         9         0.00         \$0.00           MicroController         diode         Digi-key         1N4148WTPMSCT-I         1         0.00         \$0.00           MicroController         ferrite beed         Digi-key         445-2201-1-ND         1         0.00         \$0.00           MicroController         5v voltage reg.         Digi-key         497-1235-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         490-4717-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         609-3656-ND         1         0.00         \$0.00           MicroController         FT232RL-REEL         Digi-key         768-1007-1-ND         1         0.00         \$0.00           MicroController         PlC18L4320-I/P Microcontroller         Digi-key         CP-002A         1         0.00         \$0.00  | MicroController   | .1uF smd capacitor                       | Digi-key               | ECJ-2VB1E104K   | 7    | 0.00       | \$0.00     |
| MicroController         red led         Digi-key         160-1422-1-ND         1         0.00         \$0.00           MicroController         green led         Digi-key         160-1423-1-ND         9         0.00         \$0.00           MicroController         diode         Digi-key         1N4148WTPMSCT-1         1         0.00         \$0.00           MicroController         ferrite beed         Digi-key         445-2201-1-ND         1         0.00         \$0.00           MicroController         5v voltage reg.         Digi-key         497-1235-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         490-4717-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         609-3656-ND         1         0.00         \$0.00           MicroController         PIC18L4320-I/P Microcontroller         Digi-key         768-1007-1-ND         1         0.00         \$0.00           MicroController         PIC18L4320-I/P Microcontroller         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00 <td>MicroController</td> <td>10uF capacitor</td> <td>Digi-key</td> <td>PCC2225CT-ND</td> <td>1</td> <td>0.00</td> <td>\$0.00</td>   | MicroController   | 10uF capacitor                           | Digi-key               | PCC2225CT-ND    | 1    | 0.00       | \$0.00     |
| MicroController         green led         Digi-key         160-1423-1-ND         9         0.00         \$0.00           MicroController         diode         Digi-key         1N4148WTPMSCT-1         1         0.00         \$0.00           MicroController         ferrite beed         Digi-key         445-2201-1-ND         1         0.00         \$0.00           MicroController         5v voltage reg.         Digi-key         497-1235-1-ND         1         0.00         \$0.00           MicroController         20MHz ceramic resonator         Digi-key         490-4717-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         609-3656-ND         1         0.00         \$0.00           MicroController         FT232RL-REEL         Digi-key         768-1007-1-ND         1         0.00         \$0.00           MicroController         PIC18L4320-I/P Microcontroller         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00   | MicroController   | 4.7uF capacitor                          | Digi-key               | PCC1842CT-ND    | 1    | 0.00       | \$0.00     |
| MicroController         diode         Digi-key         1N4148WTPMSCT-I         1         0.00         \$0.00           MicroController         ferrite beed         Digi-key         445-2201-1-ND         1         0.00         \$0.00           MicroController         5v voltage reg.         Digi-key         497-1235-1-ND         1         0.00         \$0.00           MicroController         20MHz ceramic resonator         Digi-key         490-4717-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         609-3656-ND         1         0.00         \$0.00           MicroController         FT232RL-REEL         Digi-key         768-1007-1-ND         1         0.00         \$0.00           MicroController         PlC18L4320-I/P Microcontroller         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00   | MicroController   | red led                                  | Digi-key               | 160-1422-1-ND   | 1    | 0.00       | \$0.00     |
| MicroController         ferrite beed         Digi-key         445-2201-1-ND         1         0.00         \$0.00           MicroController         5v voltage reg.         Digi-key         497-1235-1-ND         1         0.00         \$0.00           MicroController         20MHz ceramic resonator         Digi-key         490-4717-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         609-3656-ND         1         0.00         \$0.00           MicroController         FT232RL-REEL         Digi-key         768-1007-1-ND         1         0.00         \$0.00           MicroController         PIC18L4320-I/P Microcontroller         Digi-key         768-1007-1-ND         1         0.00         \$0.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00     <   | MicroController   | green led                                | Digi-key               | 160-1423-1-ND   | 9    | 0.00       | \$0.00     |
| MicroController         5v voltage reg.         Digi-key         497-1235-1-ND         1         0.00         30.00           MicroController         20MHz ceramic resonator         Digi-key         490-4717-1-ND         1         0.00         30.00           MicroController         USB connector         Digi-key         609-3656-ND         1         0.00         30.00           MicroController         FT232RL-REEL         Digi-key         768-1007-1-ND         1         0.00         50.00           MicroController         PlC18L4320-I/P Microcontroller         Digi-key         CP-002A         1         0.00         50.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         50.00  | MicroController   | diode                                    | Digi-key               | 1N4148WTPMSCT-I | 1    | 0.00       | \$0.00     |
| MicroController         20MHz ceramic resonator         Digi-key         490-4717-1-ND         1         0.00         \$0.00           MicroController         USB connector         Digi-key         609-3656-ND         1         0.00         \$0.00           MicroController         FT232RL-REEL         Digi-key         768-1007-1-ND         1         0.00         \$0.00           MicroController         PlC18L4320-l/P Microcontroller         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Board Programmer         Provided in kit         1         0.00         \$0.00           MicroController         Board Programmer         Provided         1         0.00         \$0.00           Bartender         LC Computer         Provided         1         0.00         \$0.00           User Interface         LC Computer         Provided         1         0.00         \$0.00           Pressure and Flow         Rootbeer Keg and attachements         Simonton Lake Drive in NA         1         \$24.53         \$24.53           Pressure and Flow         5/8" 4'x8' composite board         Home   | MicroController   | ferrite beed                             | Digi-key               | 445-2201-1-ND   | 1    | 0.00       | \$0.00     |
| MicroController         USB connector         Digi-key         609-3656-ND         1         0.00         \$0.00           MicroController         FT232RL-REEL         Digi-key         768-1007-1-ND         1         0.00         \$0.00           MicroController         PIC18L4320-I/P Microcontroller         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Board Programmer         Provided in kit         1         0.00         \$0.00           MicroController         Board Programmer         Provided         1         0.00         \$0.00           Bartender         LC Computer         Provided         1         0.00         \$0.00           User Interface         LC Computer         Provided         1         0.00         \$0.00           Pressure and Flow         CO2 Tank refill         Action Cycle         NA         1         \$20.530         \$20.53           Pressure and Flow         Rootbeer Keg and attachements         Simonton Lake Drive in NA         1         \$24.530         \$24.53           Pressure and Flow         5/8" 4'x8' composite board         Home Depot         77391400001         1         \$10.67         \$10.67           Pressure and Flow         1/8 Hexnipple adapter   | MicroController   | 5v voltage reg.                          | Digi-key               | 497-1235-1-ND   | 1    | 0.00       | \$0.00     |
| MicroController         FT232RL-REEL         Digi-key         768-1007-1-ND         1         0.00         \$0.00           MicroController         PIC18L4320-I/P Microcontroller         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Board Programmer         Provided in kit         1         0.00         \$0.00           Bartender         LC Computer         Provided         1         0.00         \$0.00           User Interface         LC Computer         Provided         1         0.00         \$0.00           Pressure and Flow         CO2 Tank refill         Action Cycle         NA         1         \$20.530         \$20.53           Pressure and Flow         Rootbeer Keg and attachements         Simonton Lake Drive in NA         1         \$24.530         \$24.53           Pressure and Flow         5/8" 4'x8' composite board         Home Depot         77391400001         1         \$10.67           Pressure and Flow         1/8 Hexnipple adapter         Home Depot         48643067561         2         \$1.570         \$3.14           Pressure and Flow         Stretch and Seal Tape   | MicroController   | 20MHz ceramic resonator                  | Digi-key               | 490-4717-1-ND   | 1    | 0.00       | \$0.00     |
| MicroController         PIC18L4320-I/P Microcontroller         Digi-key         1         0.00         \$0.00           MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Board Programmer         Provided in kit         1         0.00         \$0.00           Bartender         LC Computer         Provided         1         0.00         \$0.00           User Interface         LC Computer         Provided         1         0.00         \$0.00           Pressure and Flow         CO2 Tank refill         Action Cycle         NA         1         \$20.530         \$20.53           Pressure and Flow         Rootbeer Keg and attachements         Simonton Lake Drive in NA         1         \$24.530         \$24.53           Pressure and Flow         5/8" 4'x8' composite board         Home Depot         77391400001         1         \$10.670         \$10.67           Pressure and Flow         1/8 Hexnipple adapter         Home Depot         48643067561         2         \$1.570         \$3.14           Pressure and Flow         Stretch and Seal Tape BLK         Home Depot         74236006295         1         \$6.870         \$6.87           Pressure and Flow         10'  | MicroController   | USB connector                            | Digi-key               | 609-3656-ND     | 1    | 0.00       | \$0.00     |
| MicroController         Power Connector         Digi-key         CP-002A         1         0.00         \$0.00           MicroController         Board Programmer         Provided in kit         1         0.00         \$0.00           Bartender         LC Computer         Provided         1         0.00         \$0.00           User Interface         LC Computer         Provided         1         0.00         \$0.00           Pressure and Flow         CO2 Tank refill         Action Cycle         NA         1         \$20.53         \$20.53           Pressure and Flow         Rootbeer Keg and attachements         Simonton Lake Drive in NA         1         \$24.53         \$24.53           Pressure and Flow         5/8" 4'x8' composite board         Home Depot         77391400001         1         \$10.67         \$10.67           Pressure and Flow         1/8 Hexnipple adapter         Home Depot         48643067561         2         \$1.570         \$3.14           Pressure and Flow         Stretch and Seal Tape BLK         Home Depot         742366006295         1         \$6.87         \$6.87           Pressure and Flow         10' 3/8" vinyl tubing         Home Depot         78864177206         1         \$0.780         \$0.78           Pressure and Flo  | MicroController   | FT232RL-REEL                             | Digi-key               | 768-1007-1-ND   | 1    | 0.00       | \$0.00     |
| MicroController         Board Programmer         Provided in kit         1         0.00         \$0.00           Bartender         LC Computer         Provided         1         0.00         \$0.00           User Interface         LC Computer         Provided         1         0.00         \$0.00           Pressure and Flow         CO2 Tank refill         Action Cycle         NA         1         \$20.530         \$20.53           Pressure and Flow         Rootbeer Keg and attachements         Simonton Lake Drive ir NA         1         \$24.530         \$24.53           Pressure and Flow         5/8" 4'x8' composite board         Home Depot         77391400001         1         \$10.670         \$10.67           Pressure and Flow         1/8 Hexnipple adapter         Home Depot         48643067561         2         \$1.570         \$3.14           Pressure and Flow         Stretch and Seal Tape BLK         Home Depot         742366006295         1         \$6.870         \$6.87           Pressure and Flow         10' 3/8" vinyl tubing         Home Depot         78643025523         1         \$3.110         \$3.11           Pressure and Flow         teflon tape         Home Depot         78643071025         2         \$2.290         \$4.58           Pressu   | MicroController   | PIC18L4320-I/P Microcontroller           | Digi-key               |                 | 1    | 0.00       | \$0.00     |
| Bartender         LC Computer         Provided         1         0.00         \$0.00           User Interface         LC Computer         Provided         1         0.00         \$0.00           Pressure and Flow         CO2 Tank refill         Action Cycle         NA         1         \$20.530         \$20.53           Pressure and Flow         Rootbeer Keg and attachements         Simonton Lake Drive in NA         1         \$24.530         \$24.53           Pressure and Flow         5/8" 4'x8' composite board         Home Depot         77391400001         1         \$10.670         \$10.67           Pressure and Flow         1/8 Hexnipple adapter         Home Depot         48643067561         2         \$1.570         \$3.14           Pressure and Flow         Stretch and Seal Tape BLK         Home Depot         742366006295         1         \$6.870         \$6.87           Pressure and Flow         10' 3/8" vinyl tubing         Home Depot         48643025523         1         \$3.110         \$3.11           Pressure and Flow         teflon tape         Home Depot         78864177206         1         \$0.780         \$0.78           Pressure and Flow         3/8" tubing barb adapter         Home Depot         78575126029         3         \$0.850         \$2.55  | MicroController   | Power Connector                          | Digi-key               | CP-002A         | 1    | 0.00       | \$0.00     |
| User Interface         LC Computer         Provided         1         0.00         \$0.00           Pressure and Flow         CO2 Tank refill         Action Cycle         NA         1         \$20.530         \$20.53           Pressure and Flow         Rootbeer Keg and attachements         Simonton Lake Drive ir NA         1         \$24.530         \$24.53           Pressure and Flow         5/8" 4'x8' composite board         Home Depot         77391400001         1         \$10.670         \$10.67           Pressure and Flow         1/8 Hexnipple adapter         Home Depot         48643067561         2         \$1.570         \$3.14           Pressure and Flow         Stretch and Seal Tape BLK         Home Depot         742366006295         1         \$6.870         \$6.87           Pressure and Flow         10' 3/8" vinyl tubing         Home Depot         48643025523         1         \$3.110         \$3.11           Pressure and Flow         teflon tape         Home Depot         78864177206         1         \$0.780         \$0.78           Pressure and Flow         3/8" tubing barb adapter         Home Depot         48643071025         2         \$2.290         \$4.58           Pressure and Flow         SS Clamp         Home Depot         78575126029         3 <t< td=""><td>MicroController</td><td>Board Programmer</td><td>Provided in kit</td><td></td><td>1</td><td>0.00</td><td>\$0.00</td></t<>   | MicroController   | Board Programmer                         | Provided in kit        |                 | 1    | 0.00       | \$0.00     |
| Pressure and Flow         CO2 Tank refill         Action Cycle         NA         1         \$20.530         \$20.53           Pressure and Flow         Rootbeer Keg and attachements         Simonton Lake Drive in NA         1         \$24.530         \$24.53           Pressure and Flow         5/8" 4'x8' composite board         Home Depot         77391400001         1         \$10.670         \$10.67           Pressure and Flow         1/8 Hexnipple adapter         Home Depot         48643067561         2         \$1.570         \$3.14           Pressure and Flow         Stretch and Seal Tape BLK         Home Depot         742366006295         1         \$6.870         \$6.87           Pressure and Flow         10' 3/8" vinyl tubing         Home Depot         48643025523         1         \$3.110         \$3.11           Pressure and Flow         teflon tape         Home Depot         78864177206         1         \$0.780         \$0.78           Pressure and Flow         3/8" tubing barb adapter         Home Depot         48643071025         2         \$2.290         \$4.58           Pressure and Flow         SS Clamp         Home Depot         78575126029         3         \$0.850         \$2.55  | Bartender         | LC Computer                              | Provided               |                 | 1    | 0.00       | \$0.00     |
| Pressure and Flow         Rootbeer Keg and attachements         Simonton Lake Drive in NA         1         \$24.530         \$24.53           Pressure and Flow         5/8" 4'x8' composite board         Home Depot         77391400001         1         \$10.670         \$10.67           Pressure and Flow         1/8 Hexnipple adapter         Home Depot         48643067561         2         \$1.570         \$3.14           Pressure and Flow         Stretch and Seal Tape BLK         Home Depot         742366006295         1         \$6.870         \$6.87           Pressure and Flow         10' 3/8" vinyl tubing         Home Depot         48643025523         1         \$3.110         \$3.11           Pressure and Flow         teflon tape         Home Depot         78864177206         1         \$0.780         \$0.78           Pressure and Flow         3/8" tubing barb adapter         Home Depot         48643071025         2         \$2.290         \$4.58           Pressure and Flow         SS Clamp         Home Depot         78575126029         3         \$0.850         \$2.55   | User Interface    | LC Computer                              | Provided               |                 | 1    | 0.00       | \$0.00     |
| Pressure and Flow         5/8" 4'x8' composite board         Home Depot         77391400001         1         \$10.670         \$10.67           Pressure and Flow         1/8 Hexnipple adapter         Home Depot         48643067561         2         \$1.570         \$3.14           Pressure and Flow         Stretch and Seal Tape BLK         Home Depot         742366006295         1         \$6.870         \$6.87           Pressure and Flow         10' 3/8" vinyl tubing         Home Depot         48643025523         1         \$3.110         \$3.11           Pressure and Flow         teflon tape         Home Depot         78864177206         1         \$0.780         \$0.78           Pressure and Flow         3/8" tubing barb adapter         Home Depot         48643071025         2         \$2.290         \$4.58           Pressure and Flow         SS Clamp         Home Depot         78575126029         3         \$0.850         \$2.55  | Pressure and Flow | CO2 Tank refill                          | Action Cycle           | NA              | 1    | \$20.530   | \$20.53    |
| Pressure and Flow         1/8 Hexnipple adapter         Home Depot         48643067561         2         \$1.570         \$3.14           Pressure and Flow         Stretch and Seal Tape BLK         Home Depot         742366006295         1         \$6.870         \$6.87           Pressure and Flow         10' 3/8" vinyl tubing         Home Depot         48643025523         1         \$3.110         \$3.11           Pressure and Flow         teflon tape         Home Depot         78864177206         1         \$0.780         \$0.78           Pressure and Flow         3/8" tubing barb adapter         Home Depot         48643071025         2         \$2.290         \$4.58           Pressure and Flow         SS Clamp         Home Depot         78575126029         3         \$0.850         \$2.55   | Pressure and Flow | Rootbeer Keg and attachements            | Simonton Lake Drive in | NA              | 1    | \$24.530   | \$24.53    |
| Pressure and Flow         Stretch and Seal Tape BLK         Home Depot         742366006295         1         \$6.870         \$6.87           Pressure and Flow         10' 3/8" vinyl tubing         Home Depot         48643025523         1         \$3.110         \$3.11           Pressure and Flow         teflon tape         Home Depot         78864177206         1         \$0.780         \$0.78           Pressure and Flow         3/8" tubing barb adapter         Home Depot         48643071025         2         \$2.290         \$4.58           Pressure and Flow         SS Clamp         Home Depot         78575126029         3         \$0.850         \$2.55   | Pressure and Flow | 5/8" 4'x8' composite board               | Home Depot             | 77391400001     | 1    | \$10.670   | \$10.67    |
| Pressure and Flow         10' 3/8" vinyl tubing         Home Depot         48643025523         1         \$3.110         \$3.11           Pressure and Flow         teflon tape         Home Depot         78864177206         1         \$0.780         \$0.78           Pressure and Flow         3/8" tubing barb adapter         Home Depot         48643071025         2         \$2.290         \$4.58           Pressure and Flow         SS Clamp         Home Depot         78575126029         3         \$0.850         \$2.55  | Pressure and Flow | 1/8 Hexnipple adapter                    | Home Depot             | 48643067561     | 2    | \$1.570    | \$3.14     |
| Pressure and Flow         teflon tape         Home Depot         78864177206         1         \$0.780         \$0.78           Pressure and Flow         3/8" tubing barb adapter         Home Depot         48643071025         2         \$2.290         \$4.58           Pressure and Flow         SS Clamp         Home Depot         78575126029         3         \$0.850         \$2.55  | Pressure and Flow | Stretch and Seal Tape BLK                | Home Depot             | 742366006295    | 1    | \$6.870    | \$6.87     |
| Pressure and Flow         3/8" tubing barb adapter         Home Depot         48643071025         2         \$2.290         \$4.58           Pressure and Flow         SS Clamp         Home Depot         78575126029         3         \$0.850         \$2.55  | Pressure and Flow | 10' 3/8" vinyl tubing                    | Home Depot             | 48643025523     | 1    | \$3.110    | \$3.11     |
| Pressure and Flow         SS Clamp         Home Depot         78575126029         3         \$0.850         \$2.55   | Pressure and Flow | teflon tape                              | Home Depot             | 78864177206     | 1    | \$0.780    | \$0.78     |
|  | Pressure and Flow | 3/8" tubing barb adapter                 | Home Depot             | 48643071025     | 2    | \$2.290    | \$4.58     |
| Pressure and Flow         1/8- 1/4 reducer adapter         Home Depot         48643072169         2         \$2.550         \$5.10   | Pressure and Flow | SS Clamp                                 | Home Depot             | 78575126029     | 3    | \$0.850    | \$2.55     |
|  | Pressure and Flow | 1/8- 1/4 reducer adapter                 | Home Depot             | 48643072169     | 2    | \$2.550    | \$5.10     |

TOTAL: \$130.89

| t |  |  |  |
|---|--|--|--|
|   |  |  |  |
|   |  |  |  |
|   |  |  |  |
|   |  |  |  |
|   |  |  |  |
|   |  |  |  |
|   |  |  |  |