

Subsystem	Description	Distributor	Part #	Quan	Unit Price	Total Cost
FS&CC	SwissFlow 3000	Swissflow		2	0.00	\$0.00
FS&CC	ETI 12V Solenoid (US5311162)	stock		2	0.00	\$0.00
FS&CC	MOSFET N-CH 30V 1.7A SSOT3	Digi-key	NDS355ANCT-ND	2	0.51	\$1.02
FS&CC	50 ohm Resistor	stock		2	0.00	\$0.00
FS&CC	2200 ohm Resistor	Digi-key	RHM10.0KCRCT	2	0.00	\$0.00
FS&CC	500 ohm Resistor	stock		2	0.00	\$0.00
FS&CC	Diode 1N4001	Digi-key	1N4001FSCT-ND	2	0.31	\$0.62
FS&CC	toggle switch	stock		5	0.00	\$0.00
FS&CC	Ander-Lign Compression Connector (Brass)	Home Depot		2	2.19	\$4.38
FS&CC	Clear Vinyl Tubing	Home Depot		1	2.98	\$2.98
FS&CC	1000 ohm Resistor	stock		11	0.00	\$0.00
FS&CC	Danby 5.8 Cu. Ft. Capacity Keg Cooler	loaned		1	0.00	\$0.00
FS&CC	12v voltage Power Brick	provided in kit		1	0.00	\$0.00
Card Scan	Unitech America MS240 Mag Stripe Reader,	Unitech America	MS240-1T2	1	37.18	\$37.18
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	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	green led	Digi-key	160-1423-1-ND	9	0.00	\$0.00
MicroController	diode	Digi-key	1N4148WTPMSCT-ND	1	0.00	\$0.00
MicroController	ferrite bead	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		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 attachments	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
Pressure and Flow	1/8- 1/4 reducer adapter	Home Depot	48643072169	2	\$2.550	\$5.10

TOTAL: \$130.89

