Item	Cost per unit	Quantity	Line Cost	Source
Sieve Beds				
3" Schedule 40 PVC Male Adapter - MIPT x Socket	$5.92	2	$11.84	https://www.pvcfittingsonline.com/436-030-3-schedule-40-pvc-male-adapter.html
3" Schedule 40 PVC Female Adapter - Socket x FIPT	$4.78	2	$9.56	https://www.pvcfittingsonline.com/435-030-3-schedule-40-pvc-female-adapter.html
3" x 3/4" Sch 40 PVC Reducer Bushing Flush Style - Spig x Fipt	$4.08	6	$24.48	https://www.pvcfittingsonline.com/3-x-3-4-sch-40-pvc-reducer-bushing-flush-style-spig-x-fipt-438-334.html
3" Sch 40 PVC Coupling - Socket	$4.44	4	$17.76	https://www.pvcfittingsonline.com/429-030-3-schedule-40-pvc-coupling.html
3" Schedule 40 White PVC Pipe 4004-030AB - 5ft	$37.10	1	$37.10	https://www.pvcfittingsonline.com/4004-030ab-3-schedule-40-pvc-pipe-5-ft-section.html
3/4" x 1/4" Sch 40 PVC Reducer (T.T.) Bushing Mipt x Fipt	$1.11	6	$6.66	https://www.pvcfittingsonline.com/439-098-3-4-x-1-4-schedule-40-pvc-reducer-bushing-flush-style.html
Oatey 4 oz. PVC Cement and 4 oz. Purple Primer Handy Pack	$14.41	1	$14.41	https://a.co/d/iHLaGt3
Vent Register Filters	$4.97	1	$4.97	https://a.co/d/hhaWrev
304 Stainless Steel Woven Wire Mesh 2 Mesh, 40" x 10"	$10.99	1	$10.99	https://a.co/d/dAtcvjY
Transfer Assist Springs 4"FL x 1.875"ID x 50 lb/in	$28.99	2	$57.98	https://hypercoilonline.com/transfer-assist-springs-50-rate/
0.4-0.8mm 13X Hp zeolite molecular sieve 1kg	$55.12	4	$220.48	https://www.aliexpress.us/item/3256805263376376.html
Compressor and Air Treatment				
California Air Tools SP-9421 2.0 Hp Air Compressor Motor	$289.99	1	$289.99	https://www.tractorsupply.com/tsc/product/california-air-tools-sp-9421-20-hp-ultra-quiet-oil-free-air-compressor-motor-1149415
1/2" NPT Plug Brass Pipe Fitting (3pcs)	$6.99	1	$6.99	https://a.co/d/8R9HpLW
Brass 3/8" NPT Female × 3/8" NPT Female Coupling (2pcs)	$9.49	1	$9.49	https://a.co/d/1a9gX0W
Copper Tubing 3/8" OD x 21/64" ID x 25 Ft	$40.99	1	$40.99	https://a.co/d/dxc5gbY
3/8" ID x 3/16" Thick 20" Black Foam Tube Closed Cell Foam	$7.99	1	$7.99	https://a.co/d/er3PODT
3/8" Flare Nut, Brass SAE 45 Degree Flare Tube Fitting (2pcs)	$6.98	1	$6.98	https://a.co/d/2iemEyw
3/8 inch Flare x 3/8 inch Male NPT, Brass Gas Adapter (2pcs)	$7.29	1	$7.29	https://a.co/d/6DBD5GU
Brass Reducer with 3/8" In NPT Female & 1/4" Out NPT Male	$6.02	1	$6.02	https://a.co/d/bstMFrt
Street Tee NPT 1/4" Female × 1/4" Female × 1/4" Male (2pcs)	$11.99	1	$11.99	https://a.co/d/hiVNzhm
Brass ASME-Code Safety Valve, 40 psi Set Pressure, 1/4" NPT Male	$19.39	1	$19.39	https://a.co/d/8W6IDa9
1/4 Inch NPT Automatic Drain Air Filter Pressure Regulator Combo	$23.49	1	$23.49	https://a.co/d/5oQlKug
Zinc Alloy Desiccant Dryer, Compressed Air in Line Filter	$36.99	1	$36.99	https://a.co/d/dhuziaa
Rectorseal 25551 8-Ounce No. 5 Pipe Thread Sealant , Yellow	$15.23	1	$15.23	https://a.co/d/45H9nWb
Eastman 1/2 Inch Teflon Pipe Thread for Gas Lines, 4 mil	$2.20	1	$2.20	https://a.co/d/c11MU3u
Valves and Plumbing				
1/4"NPT Solenoid Valve Single Coil Pilot-Operated 2 Position 3 Way	$15.99	2	$31.98	https://a.co/d/5EhPMKF
1/4"NPT 2 Position 2 Way Normally Closed Electric Solenoid Valve	$12.99	1	$12.99	https://a.co/d/5EhPMKF
1/2 Inch Tube OD x 1/4 Inch NPT Push to Connect Fittings (10pcs)	$18.99	2	$37.98	https://a.co/d/4YTLtZn
Yellow 1/2 Inch OD 10 Meters PU Air Tubing	$25.99	1	$25.99	https://a.co/d/g27gle3
1/2 Inch od Push to Connect Fittings Pneumatic Fittings kit	$22.49	1	$22.49	https://a.co/d/81q8tfb
Street Tee NPT 1/4" Female × 1/4" Female × 1/4" Male (2pcs)	$11.99	1	$11.99	https://a.co/d/hiVNzhm
2" Dial Dry Pressure Gauge, Brass Internals, 0-60 psi 1/4 inch NPT	$10.19	2	$20.38	https://a.co/d/bd59Ndd
1/4 Inch NPT Pressure Regulator for Compressed Air	$16.99	1	$16.99	https://a.co/d/7cn1Jfr
Condenser Cooling				
ARCTIC P8-80 mm Case Fan	$7.99	2	$15.98	https://a.co/d/5C41ve6
ARCTIC P12 (5 Pack) - 120 mm Case Fan	$23.99	1	$23.99	https://a.co/d/jlAMZxB
Power and Control				
2 Pieces DIN Rail Slotted Aluminum RoHS 12"	$9.99	1	$9.99	https://a.co/d/1B1dygQ
DIN Rail Mount Carrier for 160mm x 50mm PCB	$8.49	1	$8.49	https://a.co/d/cRlgkMt
3-Wire Appliance and Power Tool Cord, 6 ft, 14 AWG	$6.94	1	$6.94	https://a.co/d/gRHHSZ4
DIN Rail Terminal Blocks Red/Black 10 Gang with Jumpers	$21.49	1	$21.49	https://a.co/d/320vDea

Item	Cost per unit	Quantity	Line Cost	Source				
Miniature Circuit Breaker, 20 Amp 120V/240V 2 Pole DIN Rail Mount	$12.78	1	$12.78	https://a.co/d/avuqFnj				
MEAN WELL MDR-10-5 AC to DC DIN-Rail Power Supply 5V 2A	$11.20	1	$11.20	https://a.co/d/7P5dQ01				
MEAN WELL MDR-60-12 AC to DC DIN-Rail Power Supply 12V 5A	$20.42	1	$20.42	https://a.co/d/c0G6UZr				
Din Rail Solid State Relay (Input 3-32V DC Output 24-480V AC)	$18.90	1	$18.90	https://a.co/d/bHIsyic				
18 AWG Stranded Wire Kit – Silicone Coated Copper Wires	$16.95	1	$16.95	https://a.co/d/3lyZ3Yp				
Zip Ties 8 inch (100 Pack)	$4.19	1	$4.19	https://a.co/d/hRP8Df9				
18 Gauge Silicone Wire Kit 10 Color Each 5 ft	$13.98	1	$13.98	https://a.co/d/8dLJc32				
Wago 221-413 Lever-Nuts 3 Conductor Compact Connectors 10 PK	$6.80	1	$6.80	https://a.co/d/c5TR691				
SparkFun Qwiic Pro Micro - USB-C	$21.50	1	$21.50	https://www.sparkfun.com/products/15795				
Grand Total			$1,295.65					