

Protecting and the Feeding of Fry

Supply List

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Plastic Canvas Mess – Available at hobby stores such as Pat Catans, Michaels, Walmart, Amazon.

Turkey Baster – Available in supermarkets, Walmart, Amazon, etc. Get one with a bulb that is not too hard to squeeze.

Sink Sprayer with hose <http://www.homedepot.com/p/KOHLER-Side-Sprayer-in-Almond-K-1021724-47/203783134>

Cobalt (Ziss) Egg-Rocker – Josh Cunningham, <https://www.cunninghamcichlids.com/product-page/colbalt-egg-rocker>

Live Plants (Java Moss) – Local Auctions for best price.

Brine Shrimp Net - Weco Classic Brine Shrimp Net
https://www.amazon.com/gp/product/B0152NPJDW/ref=ox_sc_act_title_1?ie=UTF8&psc=1&smid=A3OUBK9YC1TQAT

Brine Shrimp Net - JW Smartnet 3" Brine Shrimp Net <https://www.reefcleaners.org/aquarium-store/jw-smartnet-3-brine-shrimp-net>

Lamp Timer Intermatic TN111K-2PK Premium Indoor Timers, 2-Pack
https://www.amazon.com/gp/product/B00QFL20F6/ref=ox_sc_act_title_3?ie=UTF8&psc=1&smid=A2WAY1C660BNWB

Lamp Dimmer if needed for Air Heated Brine Shrimp Hatcher. Lutron TT300H-BR Electronics Plug-In Lamp Dimmer, Dark Brown
https://www.amazon.com/gp/product/B0000BYEF6/ref=ox_sc_act_title_4?ie=UTF8&smid=ATVPDKIKX0DER&th=1

Egg Crate – Home Depot, Lowes. Can be cut with a saber saw or hack saw.

<https://www.lowes.com/pd/PLASKOLITE-Common-24-in-x-48-in-Actual-23-75-in-x-47-75-in-7-85-sq-ft-Louvered-Ceiling-Light-Panels/3280904> \$12.97

¾" PVC Pipe, elbows and Tee, All hardware stores, Lowes, Home Depot etc.

<https://www.lowes.com/search?searchTerm=pvc+schedule+40+pipe&catalog=4294822019>

5 ft. for \$2.59, 10 ft. for \$3.05, Elbows for \$0.44, Tee for \$0.50

Three-way corner PVC fitting \$1.60 each (Use for a more compact design, \$2.66 more for 4 3-way fittings, instead of Tee and Elbows) (LASCO ¾-in Dia 90-Degree PVC Sch 40 Side Outlet Elbow) <https://www.lowes.com/pd/LASCO-3-4-in-Dia-90-Degree-PVC-Sch-40-Side-Outlet-Elbow/3344664>

PVC Bottle Holder 3" to 4" coupling fitting (PVC DWV Fitting) (Found in Waste and Sewer PVC area) \$2.78 ea. <https://www.lowes.com/pd/3-in-x-4-in-dia-PVC-Coupling-Fitting/3455150>

Parts for the Air Heated Brine Shrimp Hatcher

4-inch Tee Regular Schedule 40, (NOT from Waste and Sewer section, cap below will not fit inside) <https://www.lowes.com/pd/Charlotte-Pipe-4-in-dia-PVC-Sanitary-Tee-Fitting/3132827>

4-inch Waste and Sewer Cap, fits inside of Tee without a section of pipe.
<https://www.lowes.com/pd/4-in-dia-PVC-Cap-Fitting/3133139>

Light Bulb Socket with Switch. SERVALITE 660-Watt Hard-Wired Light Socket \$3.63
<https://www.lowes.com/pd/SERVALITE-660-Watt-Hard-Wired-Light-Socket/3379450>

Extension cord for wiring the Light Bulb Socket above, 15 foot length
<https://www.lowes.com/pd/Project-Source-15-ft-13-Amp-3-Outlet-16-Gauge-Brown-Indoor-Extension-Cord/3135033>

6 foot length <https://www.lowes.com/pd/Project-Source-6-ft-13-Amp-3-Outlet-16-Gauge-Brown-Indoor-Extension-Cord/3129337>

Light Bulb for heat and light. Don't use LED as you want the heat along with the light from the bulb.

40 watt Incandescent bulb (maybe able to use lower wattage without dimmer)

https://www.amazon.com/GE-Lighting-13257-40-Watt-8-Pack/dp/B00J7X3GRA/ref=sr_1_3?s=hi&ie=UTF8&qid=1517639909&sr=1-3&keywords=40+watt+Incandescent+bulb&dpID=31jnKS-kOtL&preST= SX342 QL70 &dpSrc=srch13%20watt%20CFL%20

13 watt CFL bulb

<https://www.lowes.com/pd/Utilitech-6-Pack-60-W-Equivalent-Soft-White-Spiral-CFL-Tube-Light-Bulbs/50109680>

10 watt CFL https://www.amazon.com/GE-Lighting-68504-10-watt-replacement/dp/B00IH2HTWK/ref=sr_1_1?s=hi&ie=UTF8&qid=1486765322&sr=1-1&keywords=cfl+light+bulbs+10+watt

Valve for bottle \$2.19 each with about \$10.00 shipping
<http://www.usplastic.com/catalog/item.aspx?sku=17247&catid=828>

Rigid Airline tubing for bottle. About \$2 for 3-foot length. Ken's Fish
<http://www.kensfish.com/aquarium-supplies/air-supplies/3-16-od-rigid-airline-tubing.html>

70 -120 degree Mixing Valve
http://www.supplyhouse.com/Honeywell-Sparco-AM100C1070-US-1LF-1-2-Lead-Free-NPT-Mixing-Valves-Union-Sweat-70-120F?gclid=Cj0KEQjAOL_FBRDMmaCTw5nxm-ABEiQABn-VqTW2JApBUH1C2EyZ2IV9IdieJPmivGBwtgz-njggKgUaAkRt8P8HAQ

Open Cell Foam Sheets: Poret brand foam <http://www.swisstropicals.com/>, Rift Lake Aquatics, Aquatica Aquarium Gallery, Cut to size with large kitchen knife
https://www.amazon.com/Utopia-Kitchen-Stainless-Steel-Knife-8-Inches/dp/B00R200LKU/ref=sr_1_1?ie=UTF8&qid=1487362028&sr=8-1&keywords=large+kitchen+knife. Holes made using sharpened water pipe. You sharpen it by filing the inside to a point keeping the outside diameter the same. I used the rotary sandpaper drum on the inside edge of the pipe, set at about a 45 degree angle and then finished it up with 240 grit sand paper to get a finer sharp edge.

Tools

Drill

PVC Pipe Cutter-BrassCraft 1-1/4-in PVC Cutter \$12.98
<https://www.lowes.com/pd/BrassCraft-1-1-4-in-PVC-Cutter/999903141>

Electric PVC Cutter - Milwaukee 2470-21 M12 12V Cordless Lithium-Ion PVC Shear Kit \$200.00 <http://www.cpomilwaukee.com/milwaukee-2470-21-m12-12v-cordless-lithium-ion-pvc-shear-kit/miln2470-21,default,pd.html?cgid=milwaukee-shears>

1 ¼" Hole Saw to drill for hole in bottom of bottle for adding water, salt, brine shrimp eggs, bleach. <https://www.lowes.com/pd/LENOX-1-1-4-in-Carbide-Grit-Arbored-Hole-Saw/50041082>

13/64" drill for airline hole in bottom of bottle.

13/32" drill for hole in cap for valve to fit into bottle

2.5" hole saw for viewing the separation of brine shrimp in the PVC Bottle Holder 3" to 4" coupling fitting. <https://www.lowes.com/pd/LENOX-2-1-2-in-Bi-Metal-Arbores-Hole-Saw/3361288>

Lengths of $\frac{3}{4}$ " PVC pipe for Brine Shrimp Separator – (2) 3" for sides, (2) 6" for front and back, (4) 7" for legs.



Lengths of $\frac{3}{4}$ " PVC pipe for Double Aquarium Brine Shrimp Hatcher – (2) 3" for sides, (2) 7.5" for front and back, (4) 3" for legs.



Heat gun to bend rigid airline tubing or melt sharp edges. Wagner HT1000 Heat Gun 750 and 1000 degrees <https://www.lowes.com/pd/Wagner-HT1000-Heat-Gun/3067569>

Hair Dryer with concentrator for bending rigid airline tubing. I used my wife's Conair 1850 watt with concentrator. https://www.amazon.com/Conair-Cord-Keeper-Dryer-Ionic-Conditioning/dp/B000E8PG98/ref=sr_1_13_s_it?s=beauty&ie=UTF8&qid=1486856612&sr=1-13&keywords=conair+1875

Small Level to adjust separator legs <https://www.lowes.com/pd/KAPRO-9-in-Magnetic-Torpedo-Level-Standard-Level/1000179331>

To smooth out cuts Kobalt 1/2-in Cylinder Rotary Rasp
<https://www.lowes.com/pd/Kobalt-1-2-in-Cylinder-Rotary-Rasp/3353928>

Sanding Drum to smooth out cuts. Also used to sharpen the 1" copper pipe coupler for cutting holes into foam. <https://www.lowes.com/pd/Gator-10-Pack-1-in-W-x-0-75-in-L-Multi-Grade-Pack-Commercial-Sanding-Drum-Sandpaper/1209735>

Frozen Fry Foods local Pet Shops.

Golden Pearls

Ken's Fish <http://www.kensfish.com/aquarium-supplies/fish-food-feeders/kens-specialty-food.html>

Brine Shrimp Direct <http://www.brineshrimpdirect.com/Original-Golden-Pearl-Diets-Active-Spheres-c11.html>

Non-Contact Infrared Forehead Thermometer -
https://www.amazon.com/gp/product/B06W5561XZ/ref=oh_aui_detailpage_o05_s00?ie=UTF8&psc=1

Egg-Rocker Fish Egg Tumbler - Cobalt Aquatics -
https://www.amazon.com/gp/product/B00LIYMZKA/ref=oh_aui_detailpage_o04_s00?ie=UTF8&psc=1