HOW to BUILD
Your Own
Unique Lighted
FOUNTAIN

With Sprink-L-ites™

By Gary Hartz

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Fountain arrangement using standard SprinkLites™ 6 piece Hummingbird configuration.

PARTS:

70GPH PUMP purchase yourself at Home Depot Item # MD11060 $18.96

Custom Manifold parts at cost:

“T” adapter $0.99

½” Dia Tubing Manifold $08.97

6 pieces ¼” Barb Adapters $02.24

NOTE: You will need a special tool to make holes in the ½” tubing for the barb fittings.

6 pieces ¼” flow control valves $05.94

Your Cost TOTAL for Pump and Manifold Components from Home Depot $39.14

CA Sales Tax 8% for items purchased above $03.13

MY Fabrication and Partial Assembly about 1 hour $25.00

SprinkLites™ complete 6 piece lighting kit $119.95

Choices:

Standard Mixed Kit (2 BF, 2 DF, 2 HB)

6 ButterflyLites™

6 DragonflyLites™

6 HummingbirdLites™

Custom: (3BF 3HB) (3DF 3BF) (3DF 3HB)

(4BF 2DF) (4BF 2HB) (4DF 2BF) (4DF 2HB) (4HB 2BF) (4HB 2DF)

Spitter Nozzles $05.00

Sub Total $192.02

Shipping USPS zone 7 7 – 9 Day Delivery SIZE =27” X 11” X 6” Weight = 13lbs $25.45

TOTAL Custom Order Invoiced via PayPal $217.67
Pump & Manifold for Spitters

Parts Needed:
- ½” or 3/8” flexible tubing
- 6 pieces ¼” Barb fittings to press into tubing for water outlets
- 6 pieces small ¼” barb valves to regulate water flow.

NOTE: The valves should be near the support for ease of use. By using a “T” fitting to connect to the pump the flow is more even.

The valves are hard to adjust when in the pond, it is much easier to control the flow when the valve is mounted closer to the sculpture and attached to the bendable stainless steel control wand using cable ties.
The control wands can be bent into any pleasing shape. By using a round form like a coffee can will keep the bends smooth. After bending around the can grab the LED housing and stretch to the desired length. This will create a pleasing flight path appearance for the acrylic sculptures.
Bending using Coffee Can Arbor
6 of the Clear Acrylic Hummingbird Sculptures. (NON Yellowing)

Extended Hummingbird Nozzles and stubby nozzles for the Butterflies and Dragonfly sculptures.

The sculptures are simply slipped onto the control wand. There is a small flat area for alignment with the LED housing, the flat spot should be pointed in the up direction.
Insert the 6 pieces of clear tubing into the through hole in the sculptures.

After inserting the tubing through the sculptures press the spitter nozzles into the end of the tubing and align with the end of the sculptures so it looks like the beak or nose.

There will be an algae buildup inside the clear tube, any ¼” OD tubing can be substituted, even solid copper but there may be a bit of reaming required for copper as there is a slight taper through the sculptures, simply use a ¼” drill to clean out the hole.

The poly tubing will probably need replacement after a couple years exposure to sunlight.

NOTE:
If you want to use the sculptures for lights instead of water spitters:
Cut 6 pieces of the clear tubing about 1-1/2” – 2” long.
Insert the 6 clear nozzles into the pieces of tubing.
These assembled nozzles are then inserted into the sculptures.
With this method the alignment is automatic and there is no need for any glue.
The support stakes can hold multiple sculptures, simply use the extension piece as holding screw to mount the lower sculpture and then mount another sculpture in the end section in the normal fashion. The image on the right shows three sculptures mounted onto a single support using two extension rods, this makes the sculptures about 1’ apart. Use landscape ties or cable ties to hold the tubing and electrical lines in place and improve appearances.

Another method of mounting additional sculptures is to use a piece of ¼-20 threaded rod.

Place the threaded rod into the forked base and stack as many sculptures into the rod as desired, simply add a nut to the end of the stack to hold the sculptures and wands securely and cut off excess.
Various Mounting Methods

Radial Mounting

Cable Tie Mounting Slots

Pole Mounting

Helical Mounting Display
SprinkLites™ Fountain Spitters at SORO’s Restaurant Patio Seating Area.
NOTE:
The ¼” poly tubing is wrapped around the control Wand.
Setup for my Display Fountain.
Garden Show Display by Pedgrow Landshaping Atlanta

Display Pond at Laguna Koi, Laguna Beach California
Sprink-L-ites™ Water Spitter connected to sprinkler system for topping off water feature.
NEWER NOZZLES put out a much larger Water Stream.
STORE DISPLAY "Light Bulbs Etc." Montclair California

Sprink-L-ites™ in Snow - Bloesh Backyard Garden New York
Outline See Summertime Daylight view below.
Sprink-L-ites™ in Bloesh Backyard Garden New York
Summertime Daylight View, see Backyard Snow View above.
NOTE: The Solar Lights in this view are not visible in the snow picture!

Paradise Fountains Orange California
A cascading Water Wall with Sprink-L-ites™ in the foreground San Diego.

Front Entry Garden Display at Allied Lighting Costa Mesa, California.
NOTE the Fountain Hanging on the Wall.
Small pond water feature made of formed foam 3’ x 3.5’ with foam rocks.

ORDER COMPLETE FOUNTAIN SPITTER KIT
Add onto existing Fountain or Pond
6/22/2013

Pre-assembled fountain coming soon.