

# The Smugglers Room

[www.thesmugglersroom.com](http://www.thesmugglersroom.com)

## Margarita Machine – Parts List



### Cooler

You will want a round style 2.5 – 5 gallon water cooler. These are available in several places such as Home Depot, Walmart, Amazon, etc. We have found that Home Depot had both the 2.5 and 5 gallon units. \*NOTE – Though we assume we could make this work with a 2.5 gallon cooler, it may be a bit tight, so be aware before scaling down. All the parts listed below were based on the 5 gallon cooler.

1(x) Igloo Cooler

### Garbage Disposal

The most expensive aspect to this build is likely in the garbage disposal. We recommend a stainless steel unit. Our disposal was a Waste King Legend Series ½ HP. I will say that if and when we build another I would opt for a ¾ HP version. Once the ice is loaded in the more HP would help with the blending. However, those units are exceedingly higher in price.

1(x) Garbage Disposal

PVC Assembly Parts – All the fittings listed below are for the Margarita Machine only. Each of the PVC fittings need to be Schedule 40, female “slip fit” style.

- 1(x) 1 – 1/4 “ 45 degree Elbow
- 1(x) 1 – 1/4 “ 90 degree Elbow
- 1(x) 1 – 1/4 “ Tee
- 1(x) 1 – 1/4 “ Ball Valve
- 1(x) 1 – 1/4 “ 90 degree Street Elbow – Spigot Elbow
- 1(x) 1 – 1/4 “ x 3/4 “ Reducing Bushing
- 1(x). 1 – 1/4 “ PVC Pipe – The length of your pipe will vary depending on your overall design. The purpose of this pipe is between your garbage disposal and the valve, as well as between the “Tee” and the return into the cooler. We purchased a full 8’ pipe to have plenty given the low cost.

- 1(x) 1 – 1/2 “ x 1 – 1/4 “ PVC Reducing Bushing
- 1(x) 1 – 1/4 “ PVC Bushing
- 1(x) Plumb Pak, ABS 1-1/2” x 6” Sink Tailpiece. – This PVC attaches to the garbage disposal which will feed out toward your valve.
- 1(x) 1 – 1/2 “ ABS Trap Adapter & Nut

1(x) PVC Cement and Primer

## Power & Electrical Components

As mentioned in our video, we are not licensed electricians so please consult a professional if you are unsure how to use any of the parts or steps to assemble the power. Use caution when working with high voltage.

- 1(x) Single Gang Weatherproof Switch Box
- 1(x) Drip Proof Switch Cover – In addition to disguising the switch, this protects the single pole switch from moisture.
- 1(x) Single Pole Switch

Optional

- 1(x) W5320-TOW 15 Amp, 125 Volt, Weather and Taper Resistant Duplex Receptacle. – We say “optional” for this as you can/could wire the garbage disposal directly to the switch, and then run power directly through. In our build we put in a receptacle in our box so that I might have options for an additional power source for lighting or other effects later.

## Wooden Box

The construction of the box that the cooler mounts atop and conceals the Gargbage disposal unit along with the electrical components was built from 1/2" MDF. This box can be constructed from a number of materials, and the size of your assembly may vary from ours. Keep in mind that the distance from the output of the garbage disposal to your valve will need to be considered when building your box.

Our box dimensions are a strange mix, and this was due to the material we had on hand to save funds.

- Top – 16.5” x 17”
- Front – 17” x 16”
- Bottom, Back, L&R Sides – 16x16”

