

# St. Pat's Diffuser

## Uses

St. Pat's Diffuser is unique in that it is internally threaded, 1/8" FPT. This feature makes it easy to adapt the diffuser to virtually any configuration. We sell stainless steel fittings for this purpose including hose adapters (1/8" MPT x hose barb), compression fittings (1/8" MPT x Compression), as well as TriClamp sanitary fittings for use of the diffuser in commercial wine or beer tanks. (see Sanitary Fittings section of catalog). We also offer an In-Line version of the diffuser for aeration of wort during transfer.

## Assembly

Either finger tighten (use Teflon tape to make seal), or you can use pliers with a cloth to protect the diffuser. Scratches will not damage the performance of the diffuser since it is solid metal. However, you run the risk of crushing the diffuser if you apply too much force with the pliers.

## Aeration

We recommend a 4 psi aquarium pump or greater. 10 minutes of aeration in 5 gallons of beer or wine at ~75° F should be sufficient for saturation. It is best to move the diffuser to different positions every few minutes particularly in large diameter fermenters. If you use pure oxygen in place of an aquarium pump, cut time to 3 minutes and again move diffuser around to increase rate of saturation.

The diffuser can be cleaned by simply placing in boiling water for 5 minutes after each use.

## Carbonation

The diffuser can be used for carbonation of beer as well. We sell accessories for this application for hobbyists using 5 gallon soda kegs, but it can also be adapted to commercial serving tanks through TriClamp fittings.

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