



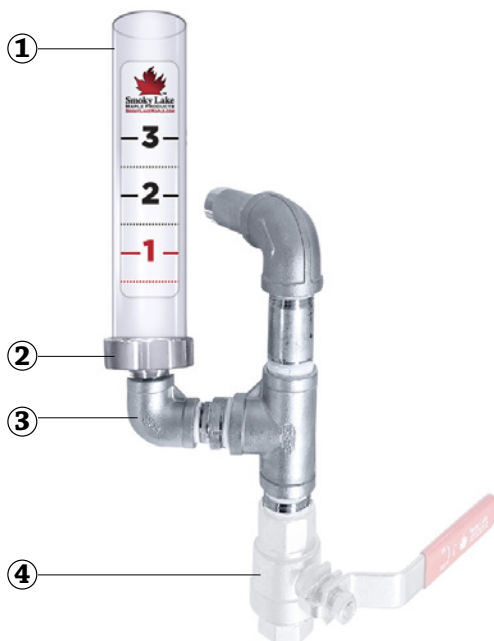
SKU: SL-STGLSDO

# Sight Glass

## TO CONNECT TO A 3/4" NPT PAN PORT

When sap is at a rolling boil and there is a lot of steam billowing from the pan, it can be challenging to see sap depth at any given moment. The Deluxe Sight Glass upgrade allows you to verify sap depth constantly, helping to protect both your syrup and your pans.

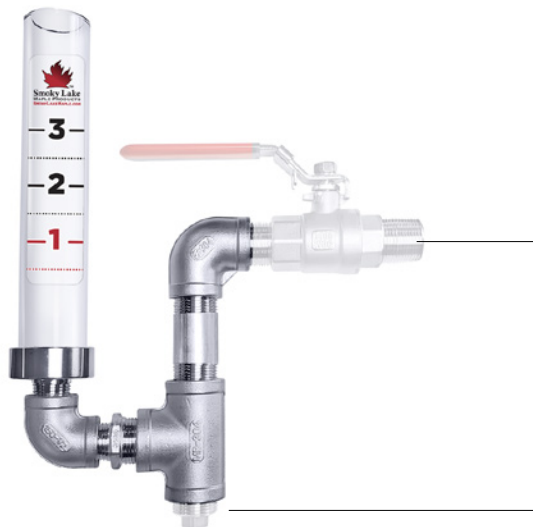
### OPTION 1 *(Attach the Sight Glass to your Pan's Draw-Off Port)*



#### Parts

1. Fire Polished Glass Tube with Measurement Sticker
2. Anti-Turbulence Base Seat with TWO O-Rings
3. Stainless Steel Fittings
  - ONE 3/4" NPT Elbow
  - ONE 1/2" NPT Elbow
  - TWO 2-1/2", 3/4" NPT Nipples
  - ONE 3/4" NPT Tee
  - ONE Close, 3/4" NPT Nipple
  - ONE 1/2" NPT to 3/4" NPT Transition Nipple
4. Draw-Off Valve  
*(Included with your pan)*

### OPTION 2 *(Attach the Sight Glass to the Sap Inlet Port on your Divided Pan OR Hybrid Pan)*



This alternate configuration can be achieved using the same kit of Stainless Steel Fittings listed in Option 1 above.

Your Sight Glass kit includes a 2-1/2" long Nipple to attach the Sight Glass directly to the inlet port. Alternatively, you may swap that out with a 3/4" NPT Ball Valve (attached with two 3/4" NPT Close Nipples) as shown here. This allows you to isolate and drain the Sight Glass after boiling.

This Hex Plug is included in the Smoky Lake Pan Accessory Kit.

## YOU WILL NEED

- **Teflon Tape**  
(Also known as “Plumber’s Tape.”  
Available at your local hardware store)
- **Vegetable Oil**  
(If your Glass Tube is preassembled in  
the Base Seat, you will not need this.)
- **Ruler & Level**  
(If your pan includes the Level Assist  
feature, you will not need this.)
- **Additional Ball Valve**  
(Optional. See option 2 on page 1 for  
more information.)



## IMPORTANT!

- The liquid level in your Sight Glass tube will NOT read depths that are below the level of your draw-off port/inlet port. If your Sight Glass indicates 1” depth, it is actually telling you that the depth is 1” OR LOWER. **ADD SAP IMMEDIATELY!**
- Use plumber’s tape on all stainless steel connections to enhance the seal and prevent thread binding.

## INSTRUCTIONS

1. Choose a configuration as described on page 1. Connect the Stainless Steel Fittings to your pan. (Everything minus the Base Seat and Glass Tube)  
**Use Teflon Tape on all stainless steel connections to enhance seal and prevent thread binding!**
2. If it has not been installed already, insert the Glass Tube firmly into the Base Seat. *TIP: Rub a small drop of vegetable oil on the o-rings inside the Base Seat to enhance the ease of installation.*
3. Screw the Base Seat into the elbow on the Sight Glass Assembly using Teflon tape.
4. Make sure your evaporator pan is level and fill it 2” deep with sap. Smoky Lake Flat Pans and Divided Pans include a Level Assist feature which calls out the 2” depth mark.



5. Next, adhere the provided measurement sticker so that the “2” mark on the sticker aligns with your liquid level. **If necessary, cut the sticker so that it does NOT extend into the Base Seat and disrupt the seal.**
6. While you are boiling, strive to keep your liquid level at the 2-inch mark.

