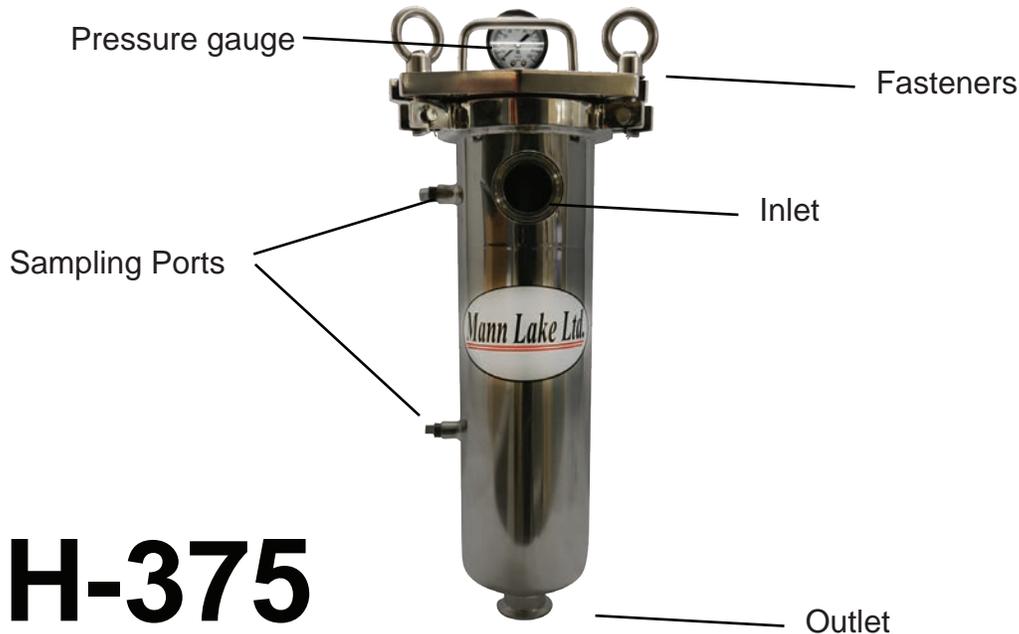


In-Line Filter - 1 1/2" Inlet/Outlet



HH-375

Please inspect your filter and remove the following items for assembly:

- (1) Pressure gauge
- (2) Threaded plugs
- (1) Filter compression ring
- (1) Perforated filter basket.

Thoroughly wash the filter and basket before use.

Technical specifications:

Size: 5" diameter x 14" length

Pump Requirements: Minimum flow rate of 5 gallons per minute.

We highly recommend using a pump equipped with a pressure relief valve. (Failure to do so may result in catastrophic filter damage, blown honey lines, and possible injury to operators.)

Recommended Honey Temperature: At least 100 degrees Fahrenheit for best results

Max Pressure: 45 PSI

TOOLS NEEDED (NOT SUPPLIED)

- Teflon Thread Tape

ASSEMBLY INSTRUCTIONS

STEP 1:

Apply Teflon thread tape or equivalent to the threads of the pressure gauge and install into $\frac{1}{4}$ " threaded hole in filter cover.

STEP 2:

Apply Teflon thread tape or equivalent to the threaded plugs and install into sampling ports along the length of the filter housing. Alternatively, ball valves could be installed in lieu of the plugs. This allows for pre-filter and post-filter sampling when necessary, or for pressure release when filter becomes plugged.

STEP 3:

Insert perforated basket into filter housing and install your preferred size of filter bag (10 - 200 micron; sold separately), followed by the filter compression ring.

Picture 1



Picture 2



Picture 3



STEP 4:

Close lid carefully over O-ring and tighten securely using the attached fasteners.



STEP 5:

Install sanitary lamps with gaskets (sold separately), and make required connections to your honey lines.



STEP 6:

Filter can be installed using filter legs and anchoring to the floor, (sold separately as HH-387) or by anchoring to a wall or other sturdy structure.



OPERATING INSTRUCTIONS

- Make all necessary connections, ensuring that all are secure. We recommend using T-Bolt clamps for all pressurized hose connections.
- Operate this system with a low flow rate to start. Slowly increase the flow rate to desired level while ensuring proper PSI is maintained in the filter.
- As filter becomes plugged the pressure will spike. Shut down the system and change the filter. Be certain that pressure in the system is at 0 PSI before opening filter. This may take a few minutes or more depending upon how plugged the filter has become.
- Install clean filter and continue filtering.

Note: To reduce down time for filter replacement, you can run a second filter system on a separate loop. Mann Lake carries many of the recommended pumps, hoses, fittings, ball valves, etc. that are needed with this style filter. Contact us for more information.

Common items used with HH-375 1½" filter:

HH-373 Filter Bag 200 Micron	HH-399 1½" Clamp Gasket
HH-374 Filter Bag 100 Micron	HP-509 1½" Male Adapter / Hose Barb
HH-376 Filter Bag 50 Micron	HH-400 1½" Clamp x Hose Adapter
HP-300 T Bolt Hose Clamp	HH-379 Replacement Top Seal
HP-301 1½" Ribbed Suction Hose	HH-387 Tripod Legs for HH-375
HP-304 1½" Male Coupler/Female Thread	80-376 Replacement Pressure Gage
HH-397 1½" Clamp x MNPT Adapter	HP-471 Roper Pump
HP-305 1½" Female Coupler/Hose Barb	
HH-398 1½" Sanitary Clamp	
HP-306 1½" Female Coupler/ Female Thread	



501 1st St S, **Hackensack, MN 56452**
500 Santa Anita Dr., **Woodland, CA 95776**
485 Stewart Rd, **Wilkes-Barre, PA 18706**
1600 Commerce Street, **Marshall, TX 75672**

Telephone: 800-880-7694
www.mannlakeltd.com