

20 Gallon Sump Recovery Unit



Fuel Tech's 20 Gallon Sump Recovery Unit eases the process of daily tank and filter sumping and will pay for itself in a few months. Operating an aviation fuel system requires that about 5 gallons of fuel be "sumped" daily from the tank and fuel filter vessel into a bucket for examination. With a sump fuel recovery unit, the good fuel can be recovered and returned to storage instead of the old way of putting it in drums and paying a hazardous waste company to haul it off site. If fuel is costing you \$5.00 a gallon, the Sump Recovery unit pays for itself 3 times over each year.

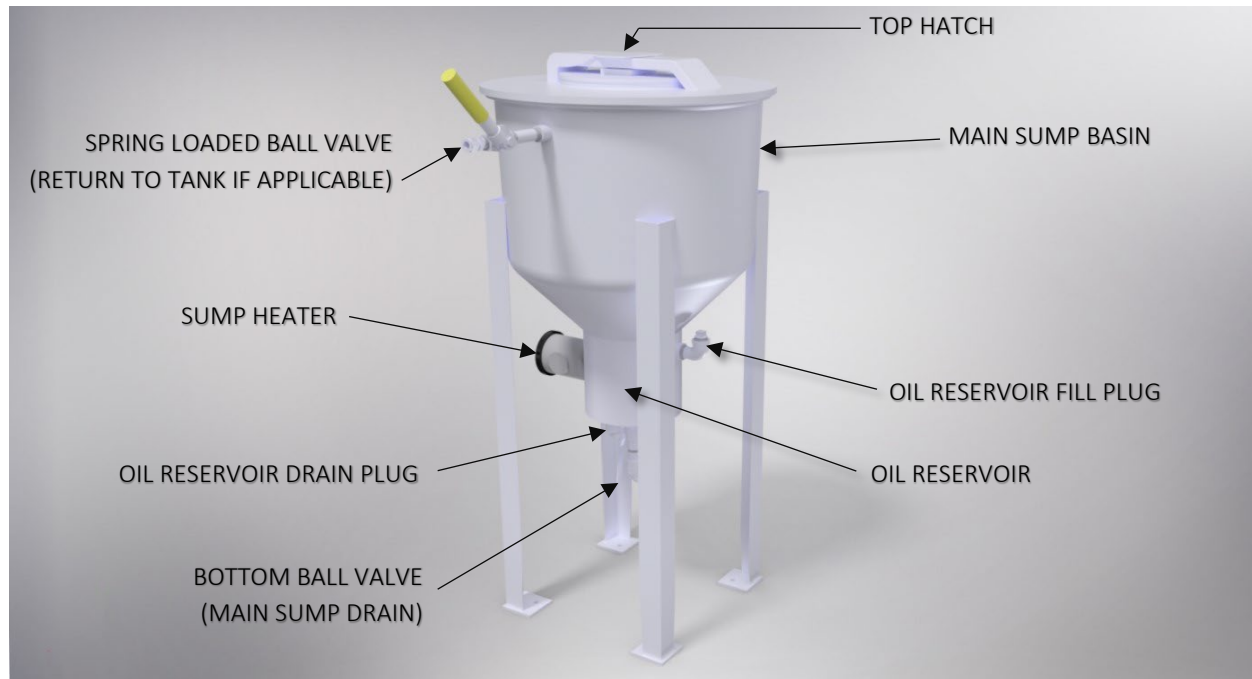
How it works: sumped fuel is poured into the 20-gallon tank and left to settle. Fuel Tech, Inc. recommends that you allow the sumps poured into the sump recovery tank to settle overnight, then check for any water or particulate. Drain water & particulate. Water is drawn off from the bottom valve and the remaining fuel is suctioned directly back into the system using the tank or cabinet pump. Handling is minimized and there are no waste barrels to deal with.

20 Gallon Sump Recovery Unit Instructions



1. Open top hatch.
2. Pour sump contents into Sump Recovery Unit.
3. Allow contents to settle overnight.
4. Check for any water or particulate, if none is present proceed to step 8.
5. Place bucket under bottom ball valve on Sump Recovery Unit and open.
6. Drain water/particulate contents, close when clean fuel is present.
7. Empty bucket using approved disposal, clean and wipe out bucket and repeat if necessary.
8. **When only clean fuel is present**, empty Sump Recovery Unit as follows:
 - a. If Sump Recovery Unit is piped back into tank pump suction, set up system to re-circulate, turn on motor, open top spring valve until Sump Recovery Unit is empty, release spring valve.
 - b. If Sump Recovery Unit is a stand-alone, place clean bucket under bottom ball valve, drain clean fuel contents, close ball valve and empty **clean fuel** into tank if allowed by the Authority Having Jurisdiction.

20 Gallon Sump Recovery Unit with Sump Heater Instructions



DO NOT connect heater to power source unless sump heater reservoir is filled with oil or damage to sump heater will occur!

Sump Heater Reservoir Filling Instructions

1. Remove heater reservoir fill plug. Make sure reservoir drain plug is installed.
2. Fill with approximately 4 quarts of standard 30 weight motor oil.
3. Replace fill plug, check for leaks. *** Recommend oil change every 12 months.
4. Electrical connection **must be** installed/connected by certified electrician.

Operating Instructions

1. Open top hatch.
2. Pour sump contents into Sump Recovery Unit.
3. Allow contents to settle overnight.
4. Check for any water or particulate, if none is present then proceed to step 8.
5. Place bucket under bottom ball valve on Sump Recovery Unit and open.

6. Drain water/particulate contents, close when clean fuel is present.
7. Empty bucket using approved disposal, clean and wipe out bucket and repeat if necessary.
8. **When only clean fuel is present**, empty Sump Recovery Unit as follows:
 - a. If Sump Recovery Unit is piped back into tank pump suction, set up system to re-circulate, turn on motor, open top spring valve until Sump Recovery Unit is empty, release spring valve.
 - b. If Sump Recovery Unit is a stand-alone, place clean bucket under bottom ball valve, drain clean fuel contents, close ball valve and empty **clean fuel** into tank if allowed by the authority having jurisdiction.