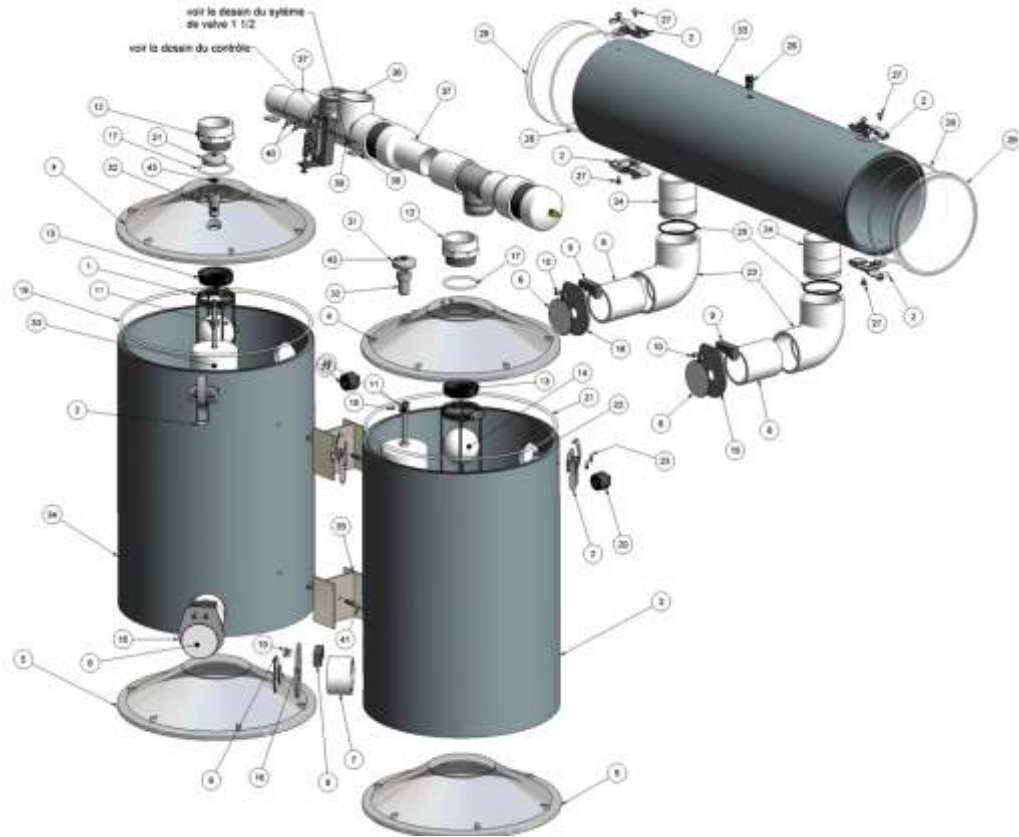


VERTICAL PNEUMATIC EXTRACTOR 12''x12''x18''x6''



How does it work

Once sap level reaches the desired height, the float activates the switch to start the pump. After the sap is pumped-out, the float goes down and the cycle starts again.

Installation

-The extractor should be installed where ambient temperature is at least 1 deg C. Otherwise, the reservoir will need to be drained everyday.

- Extractor need to be levelled properly
- Install water pump with supplied installation kit

Troubleshooting

- Problem:** Sap reservoir stays full --> check for leaks/cracks, fittings, check valve
- Problem:** Pump will not start --> check vacuum pump switch by activating manually

Hook-Up Requirements

- Vacuum pump to be selected according to number of taps.
- Use PVC or ABS pipe. Size depending on vacuum pump (1 ½", 2", 2 ½", 3")
- Vacuum regulator must be installed between vacuum pump & extractor.
- Vacuum gage must be installed on the manifold.
- For oil cooled pumps only, a humidity/Sap trap must be installed between vacuum pump & extractor for protection against flooding & avoid sugar build-up.

Do & Don't's

- Avoid heating source near-by plastic components
- Use proper lubricants (no vegetal oil or grease)

Maintenance

- Pre-season:
 - Inspect: switch, cracks, mobile parts, hoses, fittings & clamps
 - Lubricate float rod, covers gaskets, etc...
- During season:
 - Verify no sap is coming inside the float. If so, replace float
- Storage:
 - Remove clear covers and clean entire extractor thoroughly With dish soap and water solution.
 - Rinse
 - Lubricate all mobile components
 - Drain water pump

Survival Part Kit

- Lubricant
- Check valve
- Gaskets for covers and manifold.