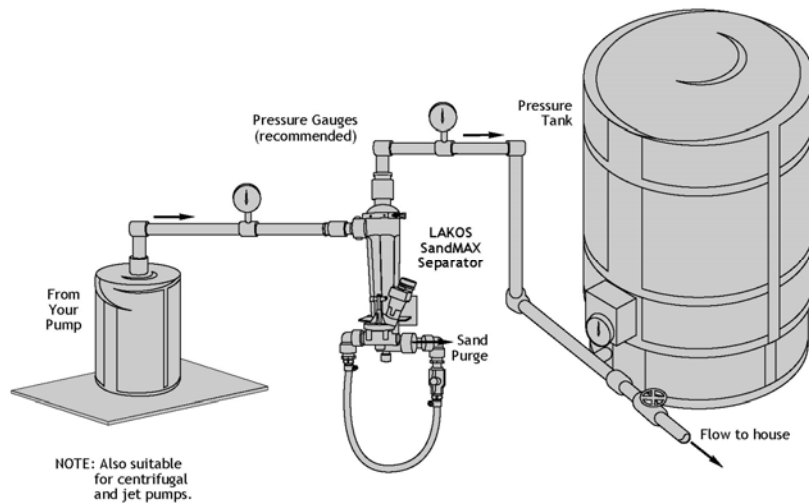


Installation and Operating Instructions



LAKOS SandMAX Separators are designed for residential water well/fresh water systems only. For continuous-duty applications and/or commercial/industrial applications, consult LAKOS for the proper separator products. Note the proper flow range for your model:

Model MAX-05: 05 – 10 US gpm

Model MAX-10: 10 – 20 US gpm

For flow rates outside this range, please contact LAKOS for proper separator selection.

PREPARATION & INSTALLATION

LAKOS SandMax Separators are shipped in a protection-packed carton. The inlet fitting, outlet fitting and purge hose connections must be attached prior to installation.

1. Apply sealant tape to the threads of the separator body's inlet and outlet.
2. Attach the appropriate fittings to these connections.
3. The purge hose is connected using hose clamps (provided). Press the hose onto the barbed connections and tighten the clamps. The hose should form a U-shape directly below the separator body (refer to the illustration).
4. Ring clamp on separator body should only be tightened in the case of leakage. Pump is to be turned off during tightening of the clamp. CAUTION: Clamp should be tightened in one turn increments. Over tightening can damage unit.

The LAKOS SandMAX Separator should be installed between the pump and pressure tank of a residential water well system. The pump's flow and pressure dictate the performance of the separator. Note that the inlet is the side connection and the outlet is at the top (see illustration). Determine where you want the separated and purged sand to be discharged from the separator's purge outlet. Add appropriate piping as needed. It is not recommended to purge a long distance within hosing or piping. If you must do so, increase the duration of the purge cycle to be sure that all separated sand is flushed from the line during each purge cycle.

Take normal precautions to protect the SandMAX Separator from vibration and/or water hammer.

Use the integral mounting tabs to secure the SandMAX to a surface able to handle the weight of the product with water (9.8 lbs. or 4.4 kg). Do NOT rely only on inlet/outlet piping to support the separator.

(see reverse for additional instructions)