



Maintenance Procedures

UDOR Diaphragm Pumps

Establishing and following a maintenance schedule is a good investment. It will add greatly to the longevity of your pump and your sprayer.

UDOR DIAPHRAGM PUMP MAINTENANCE PROCEDURE

STEP NO. 1 “AFTER EACH USE” flush pump with clean water. Most diaphragm “attacks” occur when chemicals are left sitting in the pump. These few minutes of cleaning are well spent, extending diaphragm life and minimizing chemical buildup throughout the system

STEP NO. 2 “AFTER EVERY 500 HOURS OF USE OR AT SEASON’S END” (whichever comes first). Install a new set of diaphragms. Inspect check valves for spring fatigue and seat wear. Change oil using UDOR LUBE premium pump oil or a non-detergent 30 weight oil: hand rotate shaft while filling. This evacuates most unwanted air pockets. Run pump five minutes under “no-load” conditions. This evacuates remaining air pockets from diaphragm cavity. Recheck oil level.

STEP NO. 3 “WINTER STORAGE” Perform **Step 1** (above), then, with tank empty and suction and discharge valves “open”, run pump one minute to ensure complete drainage of pump heads and lines. Recirculate antifreeze and leave in system to complete winterizing procedure.

NOTE: Allow antifreeze to replace any possible water in hoses and booms. If a handgun is in the system, run antifreeze through the hose and handgun into tank lid opening to clear and/or dilute water. (Depending on the length of hose, more than one gallon of antifreeze may be required to protect the system from freezing).

NOTE

**TO PROTECT AGAINST SERIOUS INJURY, NEVER SPRAY
FLAMMABLE LIQUIDS, OR FLUSH PUMP WITH FLAMMABLE LIQUIDS!
THIS WILL VOID ANY AND ALL WARRANTIES.**