

Accu-Tab® PowerBase® 3140AT Retrofit Kit *for Kerick Valve Conversion and Solenoid Removal*

TOOLS AND MATERIALS NEEDED:

1-PHILLIPS/STANDARD SCREW DRIVERS

1-SMALL HAND SAW OR CUTTING DEVICE

1-CHANNEL LOCK PLIER

1-PRECISION SCREWDRIVER

TEFLON TAPE

PVC PRIMER/CEMENT

DRILL

1 ¼" NPT PIPE TAP

1 ½" OR 38 mm HOLE SAW

2" HOLE SAW

MEASURING TAPE

PUMP OUT ANY REMAINING LIQUID IN THE LOWER TANK



SHUT OFF ISOLATION VALVES IF AVAILABLE.

(FILTRATION MAY NEED TO BE STOPPED).

USE PROTECTIVE WEAR/DEVICES AND:

CAREFULLY REMOVE ANY REMAINING TABLETS TO A CLEAN DRY PAIL



UNPLUG POWER AND CONTROLLER CORDS TO SYSTEM.



REMOVE NUT FROM SOLENOID COIL.



REMOVE COIL FROM VALVE.



LOOSEN UNION FOR REMOVAL.



LOOSEN UPPER UNION FOR REMOVAL.



REMOVE FLOW METER AND SOLENOID VALVE ASSEMBLY.



REMOVE GATE VALVE FROM CHLORINATOR.



CUT TO REMOVE ADDITIONAL SUPPLY PLUMBING.
LEAVE SEVERAL INCHES FOR ATTACHING INLET PIPING.



LOOSEN UNION AND REMOVE PIPING.



REMOVE ADDITIONAL PLUMBING FROM LOWER TANK.



REMOVE OLD SIEVE PLATE.



CUT OLD INTERNAL SPARGER PIPING AND REMOVE.



MEASURE / MARK CENTER OF CHLORINATOR BOTTOM.



DRILL HOLE WITH 2" HOLE SAW.



DEBURR THE EDGES OF HOLE.



REMOVE OLD KERICK VALVE FROM TANK.



MEASURE OVER 4", DOWN 5-3/4", AND MARK LOCATION FOR NEW FLOAT VALVE.



DRILL WITH 1 1/2" HOLE SAW.



TAP WITH 1 1/4" NPT PIPE TAP.



SUFFICIENTLY WRAP STEM OF NEW KERICK VALVE ASSEMBLY WITH TEFLON® TAPE, THEN SCREW SNUGLY INTO TANK SIDEWALL. ROTATE TOP PIPING AS SHOWN.



TEST FIT TOP HALF ON SPARGER.



CAREFULLY REMOVE FLOW METER FROM OLD PIPING.



INSTALL THREADED BUSHING AND T X T 90° ELBOW.



INSTALL T X S 90° ELBOW ON BOTTOM OF FLOW METER & THREAD ALL PIECES TOGETHER; POSITION FLOWMETER AS SHOWN.



REATTACH INLET PLUMBING.



PLUG ALL UNUSED HOLES WITH PROVIDED PLUGS.



REMOVE/UNWIRE LEVEL SWITCH AND SOLENOID.



PLUG HOLES IN ELECTRICAL BOX (WITH PROVIDED PLUGS).

ALLOW DRYING TIME FOR GLUE JOINTS; OPEN VALVES AND CHECK FOR LEAKS. REAPPLY POWER AND TEST RUN BEFORE ADDING TABLETS.