PENTAIR
FLECK

ENHANCED WITH ACCUSENSE™ TECHNOLOGY
Installation Guide

This installation guide augments the 5800 XTR2 Service Manual (PN 43359-02).

The Fleck XTR2 Electronic Control now features AccuSense sensor technology capability as of software version 4.0.

❶ ONE OF THE FOLLOWING FLECK 5800 XTR2 VALVES:

PN 580008-009	Set up for 8″ tanks
PN 580008-010	Set up for 9″ or 10″ tanks
PN 580008-011	Set up for 12″ tanks

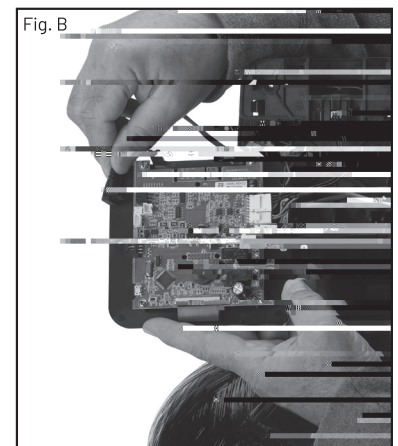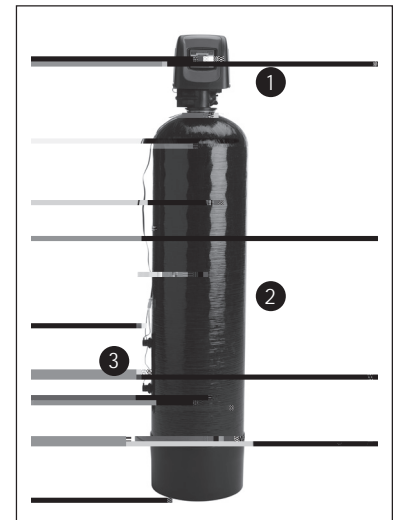## ❷ ONE OF THE FOLLOWING STRUCTURAL POLYGLASS TANKS:

PN CH34204-03010201-30	0844 PG 2.5"T UI BLK 9100 SNSRTK COMP BASE
PN CH34205-03010201-30	0948 PG 2.5"T UI BLK 9100 SNSRTK COMP BASE
PN CH34206-03010201-30	1054 PG 2.5"T UI BLK 9100 SNSRTK COMP BASE
PN CH34299-03010201-30	1248 PG 2.5"T UI BLK 9100 SNSRTK COMP BASE

❸ ONE PENTAIR ACCUSENSE SENSOR PROBE ASSEMBLY

PN 61893   KIT, SENSOR PROBE ASSEMBLY

SENSOR PROBE INSTALLATION (FIG. A AND FIG. B)

1. Do not install sensor probes in tank sensor ports before loading tank with gravel and/or resin. Sensor probes could be damaged by falling gravel and/or resin during loading. (Reference "5800 XTR2 Enhanced with AccuSense™ Technology Top 3 Tips for Success" for tips on application suggestions.)

2. Load sensor resin tank with distributor tube, gravel and/or resin per your normal loading procedure. Dry loading is preferred as some water will exit the tank through the sensor ports without probes installed.

3. Please note that the sensor probe with the longest wire must be installed in the lower tank sensor port.

4. Use a clean cloth to remove any debris (resin, etc.) from the tank bulkheads (sensor tank ports, Fig. A.)

5. Apply 100% silicone lubricant (included) to each O-ring and install in the O-ring groove on the end of each probe.   :

6. The probe assemblies are keyed for easy alignment; align probe pins to pin holes in the tank, and push each probe into the tank bulkhead.

7. Install the red probe retainer clips into bulkhead. Ensure that each clip is fully seated in the bulkhead.

8. Plug sensor wire harness into appropriate circuit board receptacle, Fig. B.

9. Connect white end of sensor wire harness to white end of the sensor probe assembly.

10. Install probe cover included with tank.

Fig. A

Fig. B

BEGIN VALVE SETUP

Follow the setup instructions outlined in the Fleck 5800 XTR2 Service Manual as you power up the system.

From the XTR2 main Master Settings screen, press the valve button to display the valve screen.

Press the regen. type button and scroll through the options until the tank sensors option is seen. Press the check mark button to select.