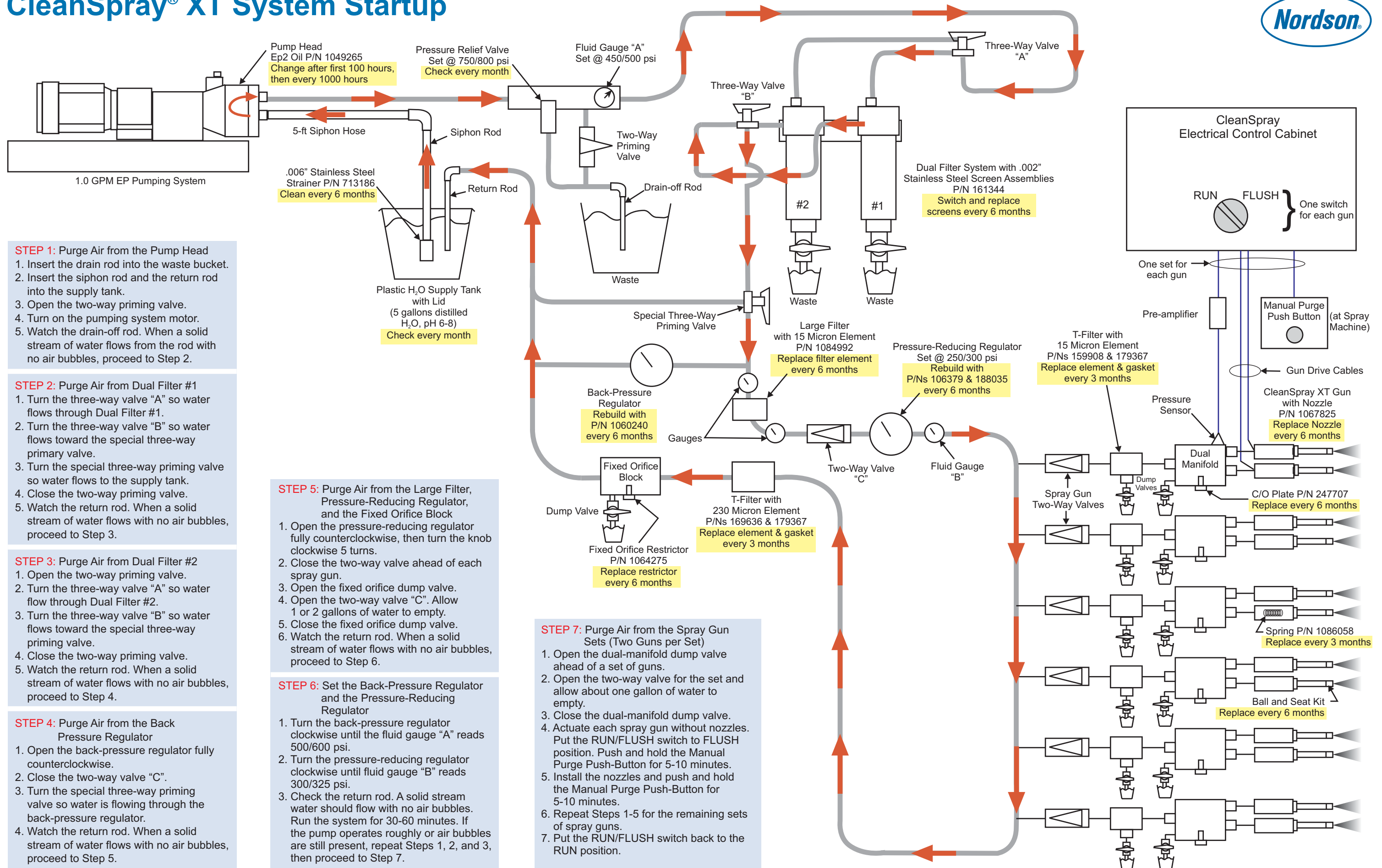


# CleanSpray® XT System Startup



**STEP 1: Purge Air from the Pump Head**

1. Insert the drain rod into the waste bucket.
2. Insert the siphon rod and the return rod into the supply tank.
3. Open the two-way priming valve.
4. Turn on the pumping system motor.
5. Watch the drain-off rod. When a solid stream of water flows from the rod with no air bubbles, proceed to Step 2.

**STEP 2: Purge Air from Dual Filter #1**

1. Turn the three-way valve "A" so water flows through Dual Filter #1.
2. Turn the three-way valve "B" so water flows toward the special three-way priming valve.
3. Turn the special three-way priming valve so water flows to the supply tank.
4. Close the two-way priming valve.
5. Watch the return rod. When a solid stream of water flows with no air bubbles, proceed to Step 3.

**STEP 3: Purge Air from Dual Filter #2**

1. Open the two-way priming valve.
2. Turn the three-way valve "A" so water flow through Dual Filter #2.
3. Turn the three-way valve "B" so water flows toward the special three-way priming valve.
4. Close the two-way priming valve.
5. Watch the return rod. When a solid stream of water flows with no air bubbles, proceed to Step 4.

**STEP 4: Purge Air from the Back Pressure Regulator**

1. Open the back-pressure regulator fully counterclockwise.
2. Close the two-way valve "C".
3. Turn the special three-way priming valve so water is flowing through the back-pressure regulator.
4. Watch the return rod. When a solid stream of water flows with no air bubbles, proceed to Step 5.

**STEP 5: Purge Air from the Large Filter, Pressure-Reducing Regulator, and the Fixed Orifice Block**

1. Open the pressure-reducing regulator fully counterclockwise, then turn the knob clockwise 5 turns.
2. Close the two-way valve ahead of each spray gun.
3. Open the fixed orifice dump valve.
4. Open the two-way valve "C". Allow 1 or 2 gallons of water to empty.
5. Close the fixed orifice dump valve.
6. Watch the return rod. When a solid stream of water flows with no air bubbles, proceed to Step 6.

**STEP 6: Set the Back-Pressure Regulator and the Pressure-Reducing Regulator**

1. Turn the back-pressure regulator clockwise until the fluid gauge "A" reads 500/600 psi.
2. Turn the pressure-reducing regulator clockwise until fluid gauge "B" reads 300/325 psi.
3. Check the return rod. A solid stream water should flow with no air bubbles. Run the system for 30-60 minutes. If the pump operates roughly or air bubbles are still present, repeat Steps 1, 2, and 3, then proceed to Step 7.

**STEP 7: Purge Air from the Spray Gun Sets (Two Guns per Set)**

1. Open the dual-manifold dump valve ahead of a set of guns.
2. Open the two-way valve for the set and allow about one gallon of water to empty.
3. Close the dual-manifold dump valve.
4. Actuate each spray gun without nozzles. Put the RUN/FLUSH switch to FLUSH position. Push and hold the Manual Purge Push-Button for 5-10 minutes.
5. Install the nozzles and push and hold the Manual Purge Push-Button for 5-10 minutes.
6. Repeat Steps 1-5 for the remaining sets of spray guns.
7. Put the RUN/FLUSH switch back to the RUN position.