



**PX300ES**  
Cordless Electrostatic Backpack Sprayer

## Operation Instructions – EvaClean Infection Prevention Program

Please read the operation manual for detailed instructions and safety handling



KILL CLAIMS	CONCENTRATION	DILUTION
Food contact surface sanitizer (No Rinse) 60 seconds contact time	Food contact surface sanitizer (no rinse) – <b>100ppm- 200ppm</b>	(1) 3.3g tab / 2 gal
Hospital grade disinfectant claims (Bleach alt.) Cold & flu virus' (including H1N2), Salmonella & Staph	<b>538 ppm</b>	(4) 3.3g tab / 2 gal (1) 13.1g tab / 2 gal
Bloodborne pathogen, Herpes & Polio, Norovirus, MRSA & Ecoli, HIV & Hep B claims, Many animal pathogens	<b>1076 ppm</b>	(8) 3.3g tab / 2 gal (2) 13.1g tab / 2 gal
C. Diff spore 10 minute claim	<b>2153 ppm</b>	(16) 3.3g tab / 2 gal (4) 13.1g tab / 2 gal
C. Diff spore 4 minute claim	<b>4306 ppm</b>	(32) 3.3g tab / 2 gal (8) 13.1g tab / 2 gal

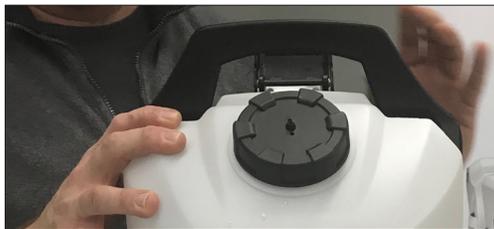
**\*\* Disclaimer:** The Protexis Electrostatic Sprayer™ has not been evaluated for use with solutions other than those from EarthSafe or the EvaClean Program. Disinfectants and sanitizers have differing usage guides, dwell times, and kill claims which can impact application results. EarthSafe makes no guarantees or warranties of any kind, either express or implied, including but not limited to, fitness for a particular purpose. Use of the Protexis Electrostatic Sprayer™ is at the user's own risk. Improper care or use of the Protexis Electrostatic Sprayer™ resulting in damage to the unit is not covered under manufacturer's warranty.



**IMPORTANT:** Battery door must be closed at all times during use. Failure to close the battery door can cause damage if the battery gets wet.

## BATTERY OPERATION

- 1. Charge the battery for two hours before inserting the Protexus 16.8 volt battery into the backpack.**
  - a. Plug the charger into an outlet and insert the battery until the power level indicator shows a full charge.
- 2. Insert battery into backpack.**
  - a. Open battery door by turning the knob counter clockwise
  - b. Align battery grooves and push battery until it clicks into the locked position.
  - c. Tighten the knob clockwise until secure.



## SPRAYER SETUP

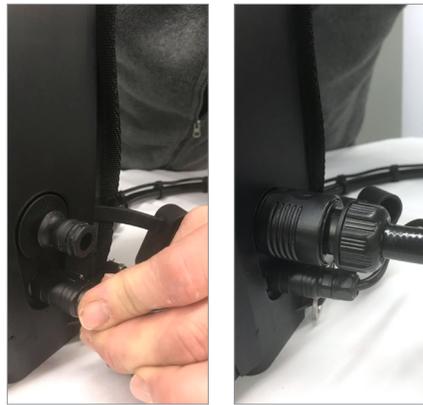
- 1. Remove the Sprayer Tank.** Pull the top tank latch release to unlock, (see image) and carefully remove the tank.



- 2. Diluting PURTABS solution.** After selecting your concentration, fill the tank according to the dilution chart. Drop the PURTABS \*\* tablet into the tank. Close the tank lid, and wait approx. 2 minutes for the tablet to dissolve completely. Label the date and ppm on a tank label. Please reference the dilution chart for appropriate tablet size.



- 3. Inserting tank back into sprayer.** Place the tank on a flat surface, and align the grooves of the tank with the sprayer. Insert the tank into the sprayer until you hear the click of the tank locking back into place. Secure the top latch back into place.
- 4. Apply appropriate tank labels.** Secure tank measurement guide label alongside the edge of the tank. Apply Dilution (ppm) label in a visible location on the tank. Labels may be removed and replaced as needed.



- 4. Handheld sprayer hose.**
  - a. Connect the water line (larger) hose to the sprayer.
  - b. Connect the electric line (smaller) to the base of the sprayer.
  - c. To remove water line from electric gun handle, pull back on quick release coupler to remove
  - d. To remove electrical connection push metal spring loaded tab inward until electric line is released.



- 5. Electrostatic on/off.**  
When the light is red, the electrostatic component is on.



- 1. Sanitizing:** adjust to the small nozzle setting.
- 2. Disinfection:** adjust to the medium nozzle setting.
- 3. Soft surfaces:** (linens/ carpet/outdoors) use large setting.

- 5. Changing the 3-in-1 nozzle (PX50ES) settings.** “Do not touch or insert foreign object into the nozzle to avoid electric shock”. Adjust the nozzle to the appropriate setting by using the nozzle wrench. Gently rotate the wrench in the clockwise direction until you hear a “click.”

\* **PLEASE NOTE:** If your nozzle becomes clogged, soak in hot soapy water and blow out with pressurized air to remove blockage. When not properly cleaned, the sprayer nozzle residual chemical deposits build up. Deposit build up results in decreased bar pressure and decreased spray patterns.



- 7. Optimal spraying distance.** To ensure optimal electrostatic performance always keep your hand firmly wrapped around the handle and in contact with the ground strap. Keep a distance of 2-3 feet from desired surface. Pull the trigger and spray evenly.



- 8. Drain unit before storage.** Never store the sprayer with a full tank inserted. Remove tank, prior to storing the sprayer, and use the tank lid to seal any remaining PURTABS solution for the next use. Evacuate water fully from sprayer tubing prior to storing. Regularly flush both sprayer and nozzles by filling the tank with warm water and spraying each nozzle setting for approximately 30 seconds. Wipe nozzle area dry after each use.