

## MicroCloud Training Guide

### **Please read before unit startup:**

**IMPORTANT:** Your MicroCloud Product is designed and manufactured by Fluid Service Technologies (“FST”). By using your MicroCloud Product, you agree (i) to be bound by the terms of the Manufacturer’s Limited Warranty (“Warranty”) as set forth below, and (ii) you will not use the MicroCloud Product for personal, family or household purposes. If you do not agree to these two items, do not use the MicroCloud Product and return it to the distributor from whom you purchased the MicroCloud Product for a full refund. The MicroCloud Product should NOT be used as a replacement for conventional and approved Personal Protective Equipment. The device has not been industry tested nor has it been NIOSH approved. Your decision to use this device is solely at your own discretion. If you are using the MicroCloud Product in an effort to limit coronavirus, you should visit EPA.gov for products they believe meet the criteria to limit coronavirus. Many factors beyond FST’s control and uniquely within user’s knowledge and control can affect the use and performance of the MicroCloud Product in a particular application. As a result, customer is solely responsible for evaluating the MicroCloud Product and determining whether it is appropriate and suitable for customer’s application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use the MicroCloud Product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to persons or property.

**Warranty, Limited Remedy, and Disclaimer:** FST warrants that each MicroCloud product meets the applicable FST product specifications at the time FST ships the product. FST MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If the MicroCloud Product does not conform to this warranty, then the sole and exclusive remedy is, at FST’s option, replacement of the MicroCloud Product or refund of the purchase price.

**Limitation of Liability:** Except for the limited remedy stated above, and except to the extent prohibited by law, FST will not be liable for any loss or damage arising from or related to the MicroCloud Product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Additionally, your use of the MicroCloud Product is subject to the Terms and Conditions of Use found at [www.fluidtechs.com](http://www.fluidtechs.com)

## GETTING STARTED

---

1. Welcome

*Thank you for choosing FST for your sanitizing solutions.*

2. Introduction (s)

a. Precautionary statements

*Please be sure to read the enclosed instruction booklet, in its entirety, prior to assembling and operating your unit. Also, please utilize appropriate PPE, currently supplied with your kit. Warning statements are intended for your protection and to preserve the integrity of your machine.*

b. Purpose of the Equipment

*Your MicroCloud unit is designed to dispense disinfectants for the purpose of sanitizing general contact, non-porous surfaces.*

3. Inventorying Components

*Prior to setup, please check to assure your cart contains all necessary components:*

- *Cart keys*
- *The Compressor*
- *Cart ventilation system, consisting of 2-fans*
- *15ft power chord*
- *Pressure pot*
- *Silver colored Pressure pot handle*
- *Hose assembly*
- *The Spray Gun, stored in the cart cabinet*

4. Setup

a. Assembly

- i. Screw the silver colored handle onto the top of the pressure pot.
- ii. Attach the airline quick connect and the fluid hose to the spray gun. For the airline, simply pull back on the connector and insert the coupler onto the plug. For the fluid line, simply push the hose into the press-to-connect fitting. Make sure the line is fully inserted.
- iii. Perform a quick safety check, checking all your fittings to assure they are properly connected.

b. Filling the pot

**CAUTION:** Prior to opening pressure pot, turn the regulator valve clockwise until fully closed. Pull out pressure relief valve ring to release any pressure that may be on the pot.

- (i) Loosen the wingnuts on the pot to release the clamps.
- (ii) Remove the pot lid and fill with contents. Disinfectant should be added at the concentration recommended by the product manufacturer.
- (iii) Pot holds approximately 2-1/2 gal of fluid. Do not overfill the pot.
- (iv) Replace the lid, reposition all 4-clamps and hand-tighten the wingnuts, one-by-one, in a star-pattern.

c. Pressurizing the system

**IMPORTANT:** Before adding pressure to the pot, make sure the fluid line is fully attached between the spray gun and pot.

- i. **Locate the black power cord on the side of the unit and plug the unit into a 110-volt power-source.** You should hear the fans turn on.

- ii. **Turn on the compressor.**

*Compressor is located in the cabinet area of the cart. Locate the “Auto <-> Off” switch, on the left side of the compressor tank and turn the switch to the “Auto On” position. Compressor should start up (if not, see troubleshooting section of your instruction manual).*

- iii. Set outlet pressure

*Turn the compressor regulator adjustment knob clockwise to increase, or counterclockwise to decrease pressure to 60 psi.*

- iv. Set pressure on the pot

*Check to assure the pressure regulator on the pot is turned clockwise and turned completely off. Next, release the pressure in the pot by pulling the ring on the pressure release valve. Slowly turn the pressure regulator knob counterclockwise, approximately ½ a turn, until the gauge reads 25 psi. Rotate the valve clockwise to close. At this point, your pressure pot is primed and ready for operation.*

- v. Pressure Settings

- 1. Compressor – Max 60 psi
- 2. Pressure Pot – Max 25 psi

**\* Note:** If pressure amounts are not correct, see “Troubleshooting” section of the instructions.

5. Operation (s)

- *Prior to operating your MicroCloud sanitizing machine, please be sure to utilize the minimum recommended PPE, as indicated on the product SDS.*
- *Determine the starting point of the area you intend to sanitize and position your cart, accordingly.*
- *Unstrap the line from the unit and extend fully.*
- *There are 3-adjustments to the spray gun. The first, is the air-flow adjustment knob. This knob should be fully opened, by turning it counterclockwise. Second, is the fluid adjustment knob. Start with the knob fully closed (clockwise). While depressing the spray-gun trigger, turn the knob counterclockwise, until you achieve the desired amount of fluid output. Level of saturation should be appropriate for the type of area or items being treated. Third knob is your spray pattern adjustment. Adjust this knob to achieve a “fan pattern” in your spray.*
- *To spray surfaces, position the tip of your spray-gun approximately 12 – 18 inches from the treatment surface. Depress the trigger on the spray gun, while making smooth sweeping motions, so as not to oversaturate the area.*

6. Shut Down

- **CAUTION: Prior to unplugging unit, allow the compressor to cycle off or manually turn off on auto/off switch. Failure to allow cycle to complete may cause issues with restart of compressor.**
- *Upon completion of treatment, unplug the unit.*
- *Turn off the pressure regulator valve on the top of the pot.*
- *Release pressure to the pot, by pulling ring on the pressure release valve.*

7. Storage

- *Wrap up the dispensing line and attach to the black strap, on the side of your cart.*
- **CAUTION: Prior to opening pressure pot, turn the regulator valve clockwise until fully closed. Pull out pressure relief valve ring to release any pressure that may be on the pot.**
- *If you wish to empty the pressure pot, simply remove the pot lid and discard contents, appropriately.*

8. Help and Support

*For help or support with your MicroCloud Sanitizing Cart, please contact your Distributor or Fluid Service Technologies.*