The FS100 is a portable sprayer system with a fan nozzle pattern to wet surfaces with cleaning agents. The FS100 is a medium pressure sprayer with interchangeable nozzle tips. Effectiveness of the disinfectant operation is dependent on appropriate use and selection of the cleaning agent by the user of the sprayer system. The FS100 provides a means to apply a cleaning agent, but Akron Brass makes no warranties or representations regarding the effectiveness of the selected cleaning agent for disinfection or decontamination purposes.

**ATTENTION WARNING**

READ THESE INSTRUCTIONS AND ALL CHEMICAL OR CLEANING AGENT INSTRUCTIONS AND WARNINGS CAREFULLY. Failure to follow all instructions provided with the sprayer, the cleaning agent being used, and the AHJ (Authority Having Jurisdiction), may result in serious personal injury. For safe use of this product you must read and follow all instructions, including but not limited to:

- Do not leave a pressure in the sprayer system. Discharge residual pressure after pump has been turned off.
- Do not store or leave solution in tank after use for extended periods. Consult with cleaning agent supplier for guidance on specific cleaning agent use and storage.
- Always wear appropriate personal protection when spraying including goggles, gloves and additional PPE required by the cleaning agent manufacturer.
- Never service system if there is pressure in sprayer.
- Never point spray wand at people, animals or electrically charged equipment.
- Never use flammable or explosive cleaning agents or other materials in this sprayer.
- Do not attempt to modify this sprayer. Use only with manufacturer’s original parts.
- This sprayer is designed for use with only liquids having the active ingredients listed in the table below. Never mix different chemicals together.
- Always read and follow chemical manufacturer and/or cleaning agent manufacturer’s instructions before use with this sprayer, as some chemicals may be hazardous when used with this sprayer.

Example Disinfectant Agent

Purerox™ is an example of a broad spectrum disinfectant that is compatible with this sprayer. More information about its effectiveness is available at [https://icleanforhealth.com/orderp/purerox-covid19-pkg1](https://icleanforhealth.com/orderp/purerox-covid19-pkg1)

- Know the contents of the chemical or cleaning agent being sprayed. Read all Material Safety Data Sheets (MSDS) and container labels provided with the chemical or cleaning agent and follow the chemical manufacturer’s safety instructions.
- Do not operate the sprayer in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Do not allow bystanders or children in the area while operating this product. Exposure to some chemicals can be hazardous.
- Do not use while you are tired or under the influence of drugs, alcohol or medication. A moment of inattentiveness while operating this product may result in serious injury.
- Use this product in accordance with these instructions and in the manner intended, take into account the working conditions and the work being performed. Use of the product for operations different from those intended could result in a hazardous situation.
- Electric shock hazard. Never spray toward electrical outlets.
- Do not pour hot or boiling liquids into the tank. These can weaken or damage the hose or tank.
- Spray area must be well ventilated.
- Store the sprayer in a secure, well-ventilated indoor space with the fluid tank empty.
- Do not smoke while using the sprayer, or spray where spark or flame is present.
- Do not discharge directly against skin.
- To reduce the risk of electric shock, do not put the sprayer into water or other liquid. Do not place or store the sprayer where it can fall or be pulled into a tub or sink.

The list below is intended to provide guidance to the user about the active ingredients found in over the counter disinfectants that are suitable for use with the FS100 and its components. This list is intended to provide the user / AHJ guidance for selection of their preferred agent. Any deviation from this list will void the warranty as it may cause damage to the sprayer system and/or create risk to the user.

<table>
<thead>
<tr>
<th>Active Ingredient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen Peroxide</td>
</tr>
<tr>
<td>Sodium Hypochlorite Solution (20% strength or less)</td>
</tr>
<tr>
<td>Phenolic</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
</tr>
<tr>
<td>Sodium Bicarbonate</td>
</tr>
<tr>
<td>L-Lactic Acid</td>
</tr>
<tr>
<td>Peroxyacetic Acid</td>
</tr>
<tr>
<td>Silver Dihydrogen Citrate</td>
</tr>
<tr>
<td>Citric Acid</td>
</tr>
<tr>
<td>Hypochlorous Acid (37% Strength or less)</td>
</tr>
<tr>
<td>Ammonium Carbonate</td>
</tr>
</tbody>
</table>
- Refer to the chemical or cleaning agent manufacturer’s Safety Data Sheet (SDS), labels, and AHJ. Also refer to the SDS, NIOSHA, ANSI Z87.1-1989, and OSHA standards for guidance on Personal Protective Equipment (PPE) for the specific chemical/cleaning agent you are using.
- Flammability of some agents may be increased when sprayed. Follow all cleaning agent manufacturers’ guidance.
- Do not ingest chemicals or cleaning agents.

- Thoroughly inspect both the inside and outside of the sprayer and examine the components before each use. Check for cracked and deteriorated hoses, leaks, clogged nozzles, and missing or damaged parts. If damaged, have the product repaired before use.
- Some chemicals or cleaning agents may surfaces being cleaned. Check with chemical or cleaning agent manufacturer and test on a small area before spraying.

WHEN QUESTIONS COME UP REGARDING HOW TO SAFELY USE A CHEMICAL OR CLEANING AGENT OR WHETHER SUCH CHEMICAL OR CLEANING AGENT IS SUITABLE FOR YOUR PURPOSE, REFER THOSE QUESTION TO THE SUPPLIER OR MANUFACTURER OF THE CHEMICAL OR CLEANING AGENT.