DESIGN GUIDE

The quality behind the system
Welcome

For over 40 years Sage™ Systems have been leading the world in the manufacture of High Pressure Sanitizing Systems.

A commitment to continual product development to reflect the ever-changing needs and demands of both the customer and legislative requirements has led Sage™ Systems to be regarded as the # 1 Sanitizing System available on the market.

Sage™ Systems products are renowned for their reliability, versatility and durability with over ten thousand units being manufactured since our inception in 1964, many of which are still in use today.

Sage™ Systems - a Sanitizing System that will perform day after day, year after year.

Lee Llewellyn
Managing Director
Sage Specification Table Instructions

For your guide, use the Sage Specification Table on the following pages. This table outlines machine features and options, accessories to customize the system, and necessary installation components. Follow through the Table systematically, paying special attention to note areas.

**Remote Machine**

Remote Machines begin with SRW, for Sage Remote Wall. Use the Table to specify all machine features and options. Each choice fills into the space above to construct the final Sage model number.

*For Example:* SRW-0811-05R is a Sage Remote Wall at 800 psi (55 bar) with two chemical pumps, for soap and sanitize, for 115 Volt 60 Hertz power, with 50’ (15 m) of high pressure hose on a Reel.

**NOTE:** If you choose a Remote Machine, you MUST select a Master Control Panel and appropriate Remote Panel(s).

**Master Control Panel & Manifold**

The Master Control Panel powers the machine, and transforms the power down to a safe 24 Volt for the remote network. Specify the same voltage as the Remote Machine, and a key-lock main power switch if preferred. The Manifold attached a high pressure hose from the machine to the high pressure stainless Tubing network.

**Remote Panel(s)**

The Remote Panel allows people in different areas of one facility to operate the central machine one panel at a time. Each Remote Panel controls power and chemical selection. Specify up to 10 Remote Panels for each machine, with no Remote Panel more than 300’ (91 m) from the machine. The stainless Cover with Lock option is recommended for outside or vandal prone installations.

**Remote Panel Accessories**

Remote accessories finish customizing the system. Either a High Pressure Hose on Hose Hanger, or a Hose Reel give access to the pressurized network. Specify additional Spray Gun Assemblies for remote stations based on machine power and pressure.

**Installation Supplies**

**Electrical:** Remote Wallmount systems require one 20 amp appliance circuit of the specified voltage and frequency (i.e. 115V 60Hz) wired directly to the Master Control Panel. The use of a GFCI, Ground Fault Circuit Interrupter on the incoming power line is required and essential to personal safety, though not provided.

All Remote Panels are wired to the Master Control Panel, in series or parallel, with 12 conductor Wire. Terminal blocks in the Master Control Panel and wire nuts in the Remote Panels are already included.

**Plumbing:** All machines require a water connection through a Sill Faucet with shut off ability and a ¾” garden hose thread outlet. The machine requires a minimum of 4.0 gpm (15 lpm) at no less that 30 psi (2 bar). The maximum water temperature should never exceed 160°F (71 C).

All Remote Panels are plumbed to the Manifold at the central machine, in series or parallel, with stainless steel Tubing. The stainless Tubing is flared at installation to mate with the Remote Panel or Manifold. A Flaring Tool and Flare Fittings provide flexibility when constructing the optimal network for each facility.

**Other:** Typically, the Wire and Tubing run together behind the wall and across the ceiling between the Machine and the Remote Panels. However, a Spacer Block is available for installation where the Tubing and wire will run in conduit external to the wall.

The stainless Tubing should be clamped to the building’s structure and the Wire should be tied to the tubing every 3’-4’ (90cm-120cm). The Clamp and Tie Pack includes 15 of each, enough for 50’ (15 m) of tubing and wire.

# refers to the index number in the Specification Table and/or the balloon number on the Installation Schematic.
## Specification Table

### Remote Systems

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Qty</th>
<th>Wt. (lbs.)</th>
<th>Total Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRW-<strong>-</strong><em><strong>-</strong></em>__-</td>
<td>See separate spec and price list for model or pricing details.</td>
<td>175.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Master Control Panel

- **SR-0101-N**: 115 Volt, no options (16.4 lbs.)
- **SR-0102-N**: 230 Volt (50 and 60 Hertz), no options (16.4 lbs.)
- **SR-0101-L**: 115 Volt, Key Lock Master Power switch (16.4 lbs.)
- **SR-0102-L**: 230 Volt (50 and 60 Hertz), Key Lock Master Power switch (16.4 lbs.)

### Remote Panel

- **SR-0201**: Exposed wall mount panel (2.3 lbs.)
- **SR-0202-L**: Exposed wall mount panel, locking stainless Cover (4.0 lbs.)

### Hose, High Pressure

- **533600-45**: High pressure Hose, 30 feet (9 meters) long (4.2 lbs.)
- **536000-45**: High pressure Hose, 50 feet (15 meters) long (6.6 lbs.)
- **539000-45**: High pressure Hose, 75 feet (23 meters) long (8.6 lbs.)
- **531200-45**: High pressure Hose, 100 feet (30 meters) long (11.0 lbs.)

### Hose Reel

- **592117-45**: Reel with Hose, 30 feet (9 meters) long (19.2 lbs.)
- **592115-45**: Reel with Hose, 50 feet (15 meters) long (21.4 lbs.)
- **592118-45**: Reel with Hose, 75 feet (23 meters) long (23.9 lbs.)

### Other Hose Accessories

- **512035-45**: Spacer Block, to run tubing and wire outside wall in conduit (0.6 lbs.)
- **512051-45**: Hose Hanger, stainless, wall mount (1.3 lbs.)

### Spray Gun Assembly

- **541255-45**: Pack, 15 tubing Clamps, 15 wire Ties, for 50 feet (15 meters) of Tubing (0.7 lbs.)

### General Machine Accessories

- **525295-45**: Wire, 250 feet (76 meters), 12 conductor, 18 AWG color coded. Connect Master Control Panel to Remote Panels, series or parallel (37.6 lbs.)
- **541400-45**: Stainless welded Tubing, 50 feet (15 meters), 3/8" (9.5mm) OD. Connects Machine Manifold to Remote Panels, series or parallel (5.3 lbs.)
- **500006-45**: 45 degree Flaring Tool, 3/16" to 5/8" (5mm to 16mm) stainless tubing. (2.3 lbs.)
- **512035-45**: Spacer Block, to run tubing and wire outside wall in conduit. One for Machine Manifold and for each Remote Panel. (0.6 lbs.)
- **541255-45**: Pack, 15 tubing Clamps, 15 wire Ties, for 50 feet (15 meters) of Tubing. (0.7 lbs.)

### System Totals

Add all Total Weight Values
# Sage Specification Table Instructions

**Stand-alone Machines** begin with SW for Sage Wall on a bracket, or SM for Sage Mobile on a cart. First, use the table to choose machine mount. Second, select all features and options. Each choice fills into the space above to construct the final Sage model number.

**Electrical:** Stand-alone Wallmount and Mobile systems require one 20 amp appliance circuit of the specified voltage and frequency with a standard receptacle for the chosen power. Sage Systems supplies a GFCI 20 with stand-alone systems on the Machines power cord.

**Plumbing:** All machines require a water connection through a Sill Faucet with shut off ability and a ¾" garden hose thread outlet. The Machine requires a minimum of 4.0 gpm (15 lpm) at no less that 30 psi (2 bar). Maximum water temperature should never exceed 160°F (71 C).

## Specification Table

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Qty</th>
<th>Wt. (lbs.)</th>
<th>Total Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-_________</td>
<td>See separate spec and price list for model or pricing details.</td>
<td>175.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>M - Mobile mount, on a stainless steel cart with commercial castors</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>W</td>
<td>W - Wall mount, on a stainless steel wall bracket</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>600 psi (41bar) - Indoor use, sensitive flooring, walls, equipment</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>800 psi (55bar) - Variety of indoor and outdoor surfaces, remote networks</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>1000 psi (69bar) - Outdoor or stubborn areas</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>Gravity, Soap &amp; Sanitize - Two Solenoid valves for injection of two chemicals</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Pump, Soap &amp; Sanitize - Two Peristaltic pumps for injection of two chemicals</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Gravity, Soap only - One Solenoid valve for injection of only one chemical</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Pump, Soap only - One Peristaltic pump for injection of only one chemical</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>115 Volt, 60 Hertz - GFI plug on 35 feet (10.7 meters) of cord</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>230 Volt, 50 Hertz - GFI on 35 feet (10.7 meters) of cord. Denote country or specific plug.</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>230 Volt, 60 Hertz - GFI plug on 35 feet (10.7 meters) of cord</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>30 feet (9 meters) high pressure Hose with Spray Gun assembly</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>50 feet (15 meters) high pressure Hose with Spray Gun assembly</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>07</td>
<td>75 feet (23 meters) high pressure Hose with Spray Gun assembly</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>100 feet (30 meters) high pressure Hose with Spray Gun assembly</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>No options</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>R</td>
<td>With Hose Reel, stainless steel. Available in any hose length, except 100 feet (30 meters).</td>
<td>100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Sill Faucet** 3/4" Garden Hose thread outlet, single temperature faucets.

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
<th>Qty</th>
<th>Wt. (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>B-0702</td>
<td>1/2&quot; IPS femal inlet, 4 arm handle</td>
<td>1</td>
<td>2.0</td>
</tr>
<tr>
<td>B-0704</td>
<td>1/2&quot; IPS mail inlet, 4 arm handle</td>
<td>1</td>
<td>2.0</td>
</tr>
<tr>
<td>B-0730-POL</td>
<td>1/2&quot; IPS femal inlet, loose key handle</td>
<td>1</td>
<td>3.0</td>
</tr>
</tbody>
</table>

**Other Hose Accessories**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
<th>Qty</th>
<th>Wt. (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>512051-45</td>
<td>Hose Hanger, stainless, wall mount.</td>
<td>1</td>
<td>2.3</td>
</tr>
</tbody>
</table>

**System Totals** *Add all Total Weight Values*
Sage Specification Schematic

**Stand-alone Machines**

**Wallmount Machine**

**Mobile Machine**
Service
Sage® has gathered a full network of Authorized Service Agents. These professionals are experienced foodservice equipment repair personnel. They inspect every new remote system installation and can offer regular maintenance or service on demand.

Warranty
Sage® Systems carry a 1 year Parts and Labor warranty. However, before any warranty service can be performed, please contact Sage® service on: +1 866 264 8895. We offer technical support, verify warranty claims and connect you with an authorized service company in your area.

Technical Specification Order Codes

<table>
<thead>
<tr>
<th>Model</th>
<th>SR-01</th>
<th>SR-02</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWER</td>
<td>01 = 115 Volt, 60 Hertz</td>
<td>02 = 230 Volt, 50/60 Hertz</td>
</tr>
<tr>
<td>OPTIONS</td>
<td>N = No other options</td>
<td>L = Master switch with lock key</td>
</tr>
<tr>
<td>DESIGN</td>
<td>1 = Exposed Remote</td>
<td>2 = Exposed Remote with Locking Security Cover</td>
</tr>
</tbody>
</table>

Example
Mobile unit - 800 PSI with Gravity feed soap & Sanitize Injection, 115 Volt 60 Hz - including 50' Hose on a manual hose reel.

NOTE: If you choose a Remote Machine, you MUST select a Master Control Panel and appropriate Remote Panel(s) and optional accessories.

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The quality behind the system

Sage™ Sanitizing Systems is a trading division of Microflex Ltd.