Your customers have a vision, you want to make it happen, and Fluid Management can give you the answer. Fluid Management is a global leader in dispensing and mixing equipment used in the paint industry, as well as, specialized equipment for the food and beverage, chemical, health and beauty, and home improvement industries. Located in the suburbs of Chicago, Illinois, Fluid Management is a United States owned and operated company with historical roots to the paint industry dating back to 1927. In 1996, IDEX Corporation purchased Fluid Management giving the organization the financial wherewithal and global footprint of a large organization while still maintaining its deep values and history.

As industry leaders, Fluid Management provides trend-setting creativity in the design, products, and services it offers. United with FMDirect, our nationwide service team, we provide after-sales support around the clock—when you need them. Being factory-direct employees, FMDirect technicians are experts on Fluid Management equipment and understand customer needs from start to finish.

The combination of leading edge technology, excellent service and support, and a company prepared for the future’s ever-changing business environment makes Fluid Management an ideal partner to assist in providing solutions to your business needs. Thank you for putting your trust in Fluid Management products and making us part of your customer’s vision.
Once your V-Series Mixer is installed, what’s next? In this guide, you’ll find more information to help you get the most from your new Fluid Management V-Series Mixer.
How to Use this Guide

This guide is organized into eleven sections. Each section provides detailed information on V-Series Mixer topics and provides a basic reference that can be used to help you with specific issues.

Important: Carefully read all the installation instructions and the safety information before you first use your V-Series Mixer.

This guide provides instructions for safely and easily installing your V-Series Mixer when it arrives. This publication also includes operational instructions, daily and preventative maintenance procedures, basic troubleshooting suggestions, adapters to use for various can types, customer service, and warranty information.

If you are an experienced user, you may already know enough to get started. Make sure you look over the information in Getting to Know Your V-Series Mixer to find out about the features of this V-Series Mixer.

If you have internet access, the most current information for your V-Series Mixer is available from the worldwide web at

http://www.fluidman.com

For Your Safety

Customer safety is important. Our products are designed to be safe and effective. However, mixers are electrical equipment. The V-Series Mixer is safe, fast, and reliable—designed to bring many years of operation. There are precautions you can take to avoid damage to the equipment or bodily injury before operating. By carefully following the instructions in this document and the warning and maintenance labels on the machine, you can help protect yourself from hazards and create a safer work environment.

Equipment can become damaged due to misuse or neglect. Some product damage is serious enough that the product should not be used again until it has been inspected and, if necessary, repaired by a Fluid Management authorized service technician.

As with any electronic device, pay close attention to the mixer when it is turned on. On very rare occasions, you might notice an odor or see a puff of smoke or sparks vent from your machine, or you might hear sounds like popping, cracking or hissing. These conditions might merely mean that an internal electronic component has failed in a safe and controlled manner. However, it may indicate a potential safety issue. DO NOT take risks or attempt to diagnose the situation yourself. Contact Fluid Management at 1-800-462-2466 for assistance.
Important Safety Information

Information and Instruction Labels
You should become familiar with the information labels affixed to the machine, as well as the warnings, cautions, and notes which appear throughout this guide. Read all the warning labels on the exterior and interior of the mixer. If the labels become damaged or unreadable, you may purchase replacements from Fluid Management Customer Service.

Safety Notice Information
The two main notices used in this guide and on the V-Series Mixer are Warning and Caution.

A Warning notice tells you about a hazard that could cause serious injury to you or extensive damage to the equipment. This information is featured in the beginning of the guide to emphasize safety. When you see a Warning notice in this guide, read it carefully before continuing with the operation of the machine. Take all necessary precautions to avoid potential injury.

A Caution notice tells you about a danger that could cause injury to you or minor damage to the mixer. When you see a Caution notice in this guide, read it carefully and be sure you understand it before continuing.

General Safety Information
DO NOT attempt to service a product yourself unless instructed to do so by Fluid Management Customer Service. Use only a Fluid Management Authorized Service Technician to repair your equipment. Please note that some parts can be upgraded or replaced by the customer. Fluid Management identifies those parts as such and provides documentation with instructions when it is appropriate for customers to replace those parts. You must closely follow all instructions when performing such replacements. ALWAYS make sure that the power is turned off and the machine is unplugged before you attempt the replacement. If you have any questions or concerns, contact Fluid Management Customer Service.
Important Safety Information

Warnings

- This machine draws
  6.0 Amps at 120 ± 10% VAC
  3.6 Amps at 220 ± 10% VAC
- DO NOT modify the provided plug
- Improper use of grounding plug can result in risk of electric shock.

Cautions

- Check with a qualified electrician or service person if grounding instructions are not completely understood or if in doubt as to whether product is properly grounded.
- DO NOT use an adapter or extension cord with this product.
- This unit must be plugged into a dedicated electrical line.
- To reduce the risk of electric shock or injury, use indoors only.

Grounding

This product must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electrical shock by providing an escape for the electric current. This product is equipped with a cord that has a grounding wire and an appropriate grounding plug. The plug must be inserted into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Danger

Improper installation of the grounding plug can result in a risk of electric shock. If repair or replacement of the cord or plug is necessary, DO NOT connect the grounding wire to either flat blade terminal. The insulation wire with green or green and yellow stripes on the outer surface is the grounding wire. Check with a qualified electrician if the grounding instructions are not completely understood or if in doubt about whether the product is properly grounded. DO NOT modify the plug provided. If it will not fit into the outlet, have the proper outlet installed by a qualified electrician.

Note: This product is for use on a dedicated nominal 120 Volt (US only) or nominal 220 Volt circuit where applicable and has a grounding plug.

Safety and Regulatory Compliance Information

See the affixed labeling on the machine. ETL Listed, conforms to UL STD 1450. Certified to CAN/CSA STD C22.2 NO. 68.

FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Getting to Know Your V-Series Mixer

Features

- One-gallon mixer for round and square containers (V-1 model; VR-1 model mixes round only)
- Durable steel frame
- Three mixing settings - Light, Medium, and Dark (or 1-4 minutes with Mechanical Knob Timer Model)
- Pint and quart mixing possible with adapter
- Partially enclosed motor for clean, quiet and safe operations
- Easy access for maintenance
- Compact design fits on counter or stacking unit

Technical Specifications

V1 Series

Height: 26" (66 cm)
Width: 17" (43 cm)
Depth: 24" (61 cm)
Weight: 165 pounds (75 kg)
Maximum power: 120 volts, 6.0 Amps +/- 10%, 60 Hz

VR1 Series

Height: 27.9" (71 cm)
Width: 17" (43 cm)
Depth: 24" (61 cm)
Weight: 117 pounds (53 kg)
Maximum power: 120 volts, 6.0 Amps +/- 10%, 60 Hz
220 volts, 3.6 Amps +/- 10%, 50Hz

Environmental Conditions

- Operating temperature: between 50°F (10°C) and 104°F (40°C)
- Relative humidity: between 5% and 85% without condensation

Highlights

- Mixes round and square cans (V-1 model only; VR-1 model mixes round only)
- Fast and thorough mixing action
- Fully rotational, dual-axis vortex motion
- Adapter allows for pint and quart mixing
- Programmable mix timer up to 5 minutes
- LED display shows mix time countdown and life cycle counter
- Automatic shut off
- Small and compact to fit on counter or stacking unit
These tips will help improve the operation of your V-Series Mixer:

- DO NOT mix dented or damaged cans
- DO NOT mix flammable materials or solvent based colorants
- DO NOT run the mix without a container in place
- For optimal performance, DO NOT run mixer on carpet, countertops, or tables
- Seal the paint container tightly before mixing to prevent any spills
- Press the red Emergency Button to stop the machine in an emergency
- When the red LED is lit on the display, the machine has power
- Position the containers correctly to ensure best mixing results
- Make sure the mixer is level and the position where it will be operating
- The mixer will stop running if the door is opened during operation
- Follow the preventative maintenance procedures in this guide.

Your V-Series Mixer has been designed so that you can set it up quickly and begin using it right away. If you have never used a mixer, read this section for instructions on getting started and installing your machine.

**Warnings**

ALWAYS shut off the power and unplug your machine from the AC power outlet before servicing.

This unit must be plugged into a dedicated electrical line. This includes: 15 Amp line for 120 Volt equipment

The surface the mixer sits on must be strong enough to support its weight.
Getting Started
Installation

Unpacking and Set up
Follow the steps on the next two pages to set up your V-Series Mixer

**Important:** Before you plug the V-Series Mixer into a power outlet, carefully read all of the following installation instructions and the safety information. It is recommended that at least one other person assist in taking the machine off the pallet.

1 Make sure these items are available before installing.
   - V-Series Mixer
   - Surge protector (recommended, not included)

2 Tools needed for installation:
   - 9/16" socket wrench and extension
   - Scissors or diagonal cutters
   - Straight screw driver

3 Unpack the machine while still on the shipping skid.
   a. Remove the interior packaging materials
   b. While unpacking, inspect the machine for any damage that may have occurred during shipping.

   **If any damage is found, notify the carrier immediately.**
   **Arrange for inspection in order to claim recovery. Claims for damage must be made by the consignee (YOU). The carrier assumes full responsibility upon acceptance of the shipment and will not entertain any claims by the consignor.**

   Verify the contents against the packing slip. Note if any items are missing or damaged. Call Fluid Management Customer Service at 1-800-462-2466 if any items are missing.

4 Remove from skid (see unpacking instructions attached to machine).
   a. Open upper cabinet by removing the back screw that secures the top cabinet to the lower cabinet. Do not discard this screw. (See Figure 1.)
   b. Carefully flip the top cabinet forward.
   c. Remove shipping bolts located through the holes in the inner base. Using 9/16" socket wrench and extension, unbolt the two bolts that secure the machine to the skid.
   d. Using at least two people, remove mixer from skid and lower to floor.

Warnings
Verify that your mixer is firmly positioned on the surface it will sit on.
This machine is not explosion proof and must not be used in a flammable atmosphere or with flammable materials.
Protect the cords and any surge protectors from liquids. Liquids can cause gradual corrosion of the power cord which can result in overheating.
To reduce the risk of electric shock or injury, use indoors only.

Cautions
DO NOT operate the mixer until it is in a permanent location.
ALWAYS route power cords so they will not be walked on, tripped over, or pinched by objects.
Avoid using extension cords with unit.
5a **Remove the packing blocks from inside the mixer (for V1 models only)**
   a. Carefully lift up the top cover until it rests on the front of the mixer.
   b. Unscrew the wooden block on the interior of the mixer between the gears and the motor (see Figure 2).
   c. Remove the wooden block.
   d. Close the top cover and reattach the latch (see Figure 1).

5b **Remove the packing blocks from inside the mixer (for VR1 models only)**
   a. Close the upper cabinet and secure it to the lower cabinet by reattaching the back screw (see Figure 1).
   b. Carefully lift up the mixer at an angle providing access to the bottom.
   c. Remove the three (3) central bolts holding the shipping blocks (see Figure 3).
   d. Carefully set the mixer down and open the top cover.
   e. Use the cord that joined together the shipping blocks to pull the blocks out of the mixer.

6 **Position mixer in permanent location.**
   a. Choose a location for your mixer capable of supporting its weight. (V-1 = 165 pounds, 75 kilograms, VR-1 = 117 pounds, 53 kilograms).
   b. Make sure there is enough room to access the rear of the machine to perform routine maintenance.
   c. Adjust the feet to level the mixer and prevent it from rocking.

7 **Final preparations.**
   Plug in the power cord. Follow *Basic Operations* for operating instructions.
Basic Operations
Mixing

There are three mix cycles to choose from – **Light**, **Medium**, and **Dark** depending on the paint you are mixing. Follow these steps to begin the mix cycle for your V-Series Mixer:

1. **Press the Power On/Off button.**

2. **Place container.**
   a. Open the mixer door.
   b. Turn the can holder towards you and place the paint container inside the holder.

   **Note:** Make sure the paint container is tightly sealed to prevent spills. For plastic square paint containers, align the container’s handle with the metal lever on the side of the can holder. (See Figure 4.)

   c. Turn both lid retainer levers on the can holder until they firmly snap into place.

   **Note:** If you are mixing a metal paint container, make sure the handles fit firmly into the slots on the side of the can holder. (See Figure 5.)

   d. Close the mixer door.

3. **Select the mix cycle.**
   a. Press the **Light**, **Medium**, or **Dark** button to start the mixing cycle. (See Figure 6.) The mix times are factory set at 1.5, 2, and 3 minutes, respectively.
   b. To program your timer for alternate mix settings, contact Fluid Management Customer Service.

   **Note:** For mechanical timer models, turn the timer knob to the desired mixing time (1 to 4 minutes). (See Figure 7.)

4. **Remove the container from the mixer.**
   a. Open the door when the mixing cycle is complete.
   b. Turn the lid retainer levers to the open position.
   c. Remove the paint container.
The adapter is used to mix quarts and pints. Each can shape is molded into the adapter.

1. **Open the adapter.**
   Select the appropriate adapter to match the paint container size.

2. **Place the paint container in adapter.**
   (See Figures 8 and 9.)

3. **Close the adapter and insert into the mixer can holder.**
   Make sure the adapter handles fit against the reinforced side of can holder.
   (See Figure 10.)

4. **Clamp both lid retainers over the adapter.**
   (See Figure 11.)

5. **Follow Basic Operation-Mixing steps to begin mixing.**
## Accessories

### V-Series Mixer Adapters

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>IMAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>25090</td>
<td>Round Quart Adapter for use with VR-1 Mixer</td>
<td><img src="image1.png" alt="Image" /></td>
</tr>
<tr>
<td>30598</td>
<td>Square Quart Adapter for use with V-1 Mixer</td>
<td><img src="image2.png" alt="Image" /></td>
</tr>
</tbody>
</table>

Contact Fluid Management Customer Service for custom adapters that are available.

### V-Series Mixer Stands

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>IMAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>30740</td>
<td>Holds two V-Series Mixers</td>
<td><img src="image3.png" alt="Image" /></td>
</tr>
<tr>
<td>32340</td>
<td>Lifts mixer to conveyor height</td>
<td><img src="image4.png" alt="Image" /></td>
</tr>
</tbody>
</table>
To ensure safe, dependable operation of your V-Series Mixer follow the maintenance schedule detailed below:

<table>
<thead>
<tr>
<th>Clean every day:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Clean all accessible inside and outside surfaces with a mild cleaning solution.</td>
</tr>
<tr>
<td>• Clean control panel surfaces with a mild cleaning solution.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Every six months:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Level the machine.</td>
</tr>
<tr>
<td>• Adjust belt tension as needed.</td>
</tr>
<tr>
<td>• Check for dirt accumulations on motor. Remove dirt by vacuuming.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Every year:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Lubricate the sleeve bearings on the motor with 30-35 drops of SAE 20 oil.</td>
</tr>
<tr>
<td>• Change the drive belt.</td>
</tr>
</tbody>
</table>

Unplug from outlet before servicing and cleaning.
Most problems with the V-Series Mixer can be easily solved with a quick and easy solution. For instance, follow the daily cleaning suggestions in the [Maintenance, Care, and Use](#) and the [Getting to Know Your V-Series Mixer](#) section. Think about the conditions that led up to the problem. Making a note of things you did before the problem occurred will help you narrow down possible causes and find the answers you need.

First, make sure:

- The power cords are securely connected to a working dedicated power source.
- The power button is on.
- You have followed the suggestions in the [Maintenance, Care, and Use](#) section.
- The machine is situated on a flat, level, and stable surface capable of supporting the weight of the machine.

Use the chart below to locate the problem, check the possible cause, and then take the action recommended. Contact Fluid Management Customer Service if you are unable to find a resolution.

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>FIRST CHECK</th>
<th>ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>The mixer does not start.</td>
<td>• Is mixer plugged in?</td>
<td>• Connect mixer to power source.</td>
</tr>
<tr>
<td></td>
<td>• Does “0” appear on led?</td>
<td>• Connect mixer to power source.</td>
</tr>
<tr>
<td></td>
<td>• Is voltage present?</td>
<td>• Contact an electrician.</td>
</tr>
<tr>
<td></td>
<td>• Is front door closed?</td>
<td>• Close front door.</td>
</tr>
<tr>
<td></td>
<td>• Is motor overheated?</td>
<td>• Allow motor to cool for at least five minutes.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Vacuum if necessary.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Call customer service.</td>
</tr>
<tr>
<td>The mixer will not shut off.</td>
<td>• Is time shown on led display showing and counting down?</td>
<td>• Let mixer finish mixing cycle.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Unplug mixer.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Call customer service.</td>
</tr>
<tr>
<td>The motor has voltage and hums, but it will not run.</td>
<td>• Is the line voltage low?</td>
<td>• Make sure the mixer is on a dedicated line.</td>
</tr>
<tr>
<td></td>
<td>• Is the belt too loose or too tight?</td>
<td>• Check the tension of the belt.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Call customer service.</td>
</tr>
<tr>
<td>An excessive amount of vibration occurs.</td>
<td>• Is can holder empty?</td>
<td>• Place container in can holder.</td>
</tr>
<tr>
<td></td>
<td>• Is mixer level?</td>
<td>• Adjust legs until balanced.</td>
</tr>
<tr>
<td></td>
<td>• Is one of adjustable legs broken, low, or damaged?</td>
<td>• Replace or adjust damaged leg.</td>
</tr>
<tr>
<td></td>
<td>• Is paint can positioned in the can holder correctly?</td>
<td>• Position container in the can holder.</td>
</tr>
<tr>
<td>The motor starts slowly.</td>
<td>• Is the belt tension too tight?</td>
<td>• Adjust the tension of the belt.</td>
</tr>
</tbody>
</table>
FMDirect

Fluid Management products are backed by FMDirect, our nationwide team of phone and field service engineers. Providing you with local, hands-on support, over 30 factory-direct service technicians deliver expertise when and where you need it.

• 24/7 multilingual tech support
• Professional installation and on-site operator training
• Fully-stocked parts inventory on FMDirect vans
• Extended warranty and preventive maintenance programs

Upgrades and Replacement Parts

Some parts can be upgraded or replaced by the customer. Fluid Management expressly identifies parts as such, and provides documentation with instructions when it is appropriate for customers to replace those parts. You must closely follow all instructions when performing such replacements. ALWAYS make sure that the power is turned off and that the product is unplugged from any power source before you attempt the replacement.

DO NOT attempt to service a product yourself unless instructed to do so by a Customer Service Representative. Use only a service provider who is approved to repair your particular product.

Obtain Warranty Service

First, follow the advice in this guide. If the unit still does not function, call Customer Service for information about how to obtain warranty service.
## Parts

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>27970</td>
<td>CONTROL PANEL - DIGITAL TIMER 120V</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>35831</td>
<td>CONTROL PANEL - MECHANICAL KNOB TIMER 120V</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>30990</td>
<td>CONTROL PANEL - MECHANICAL KNOB TIMER WITH INTERLOCK 120V</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>35886</td>
<td>CONTROL PANEL - MECHANICAL KNOB TIMER 220V</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>35146</td>
<td>PLASTIC DOOR ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>35049</td>
<td>ADJUSTMENT FOOT</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>32782</td>
<td>SOLENOID ASSEMBLY - INTERLOCK MODEL</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>26065</td>
<td>CONTROL PANEL SWITCH</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>F015308025</td>
<td>SHOULDER SCREW 8X25MM, M6 THREAD</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>F0098P06</td>
<td>HEX NUT, M6 WITH NYLON PATCH</td>
<td>2</td>
</tr>
<tr>
<td>ITEM NO.</td>
<td>PART NUMBER</td>
<td>DESCRIPTION</td>
<td>QUANTITY</td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>--------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>1</td>
<td>35014</td>
<td>SHAFT, MAIN TRANSARMS</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>24188</td>
<td>GEAR, BEVEL</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>3005002</td>
<td>BEARING</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>35015</td>
<td>TRANSARM</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>3005014</td>
<td>PULLEY</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>35019</td>
<td>BEARING SHAFT</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>16429</td>
<td>MOTOR, 48 FRAME - MODEL 120V</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>00630</td>
<td>MOTOR, 1/3 HP ODP 1425 RPM - 220V MODEL</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>26004</td>
<td>SHEAVE - 120V MODELS</td>
<td>1</td>
</tr>
<tr>
<td>8</td>
<td>32449</td>
<td>SHEAVE - 220V MODELS</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>35021</td>
<td>V-BELT</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>35026</td>
<td>HUB AND SHAFT ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>3005011</td>
<td>SQUARE KEY, 3/16 X 7/16 LONG</td>
<td>2</td>
</tr>
<tr>
<td>12</td>
<td>3005103</td>
<td>COUNTERWEIGHT</td>
<td>2</td>
</tr>
<tr>
<td>13</td>
<td>23430</td>
<td>SHOCK MOUNT</td>
<td>3</td>
</tr>
<tr>
<td>14</td>
<td>35545</td>
<td>BUCKET ASSEMBLY</td>
<td>1</td>
</tr>
<tr>
<td>15</td>
<td>35123</td>
<td>LID RETAINER LEVERS</td>
<td>2</td>
</tr>
<tr>
<td>16</td>
<td>F0145A05B14</td>
<td>SCREWS, FHCS M5 X 15</td>
<td>4</td>
</tr>
<tr>
<td>17</td>
<td>F0141P0616</td>
<td>HEX NUT, M6 X 15MM</td>
<td>1</td>
</tr>
</tbody>
</table>
WARRANTY COVERAGE

Fluid Management, Inc. ("Fluid Management") warrants all Fluid Management Accutinters, Manual Paint Dispensers, and Paint Mixers and Shakers ("Paint Equipment") to be free of defects in material and workmanship during normal operation, use and service for a period of two years from the date of shipment by Fluid Management.

The first year of the warranty period covers parts and labor. If any Paint Equipment fails during normal operation, use and service during the first year of the warranty period due to a defect in material or workmanship, Fluid Management will repair the defective Paint Equipment and replace any defective parts at no charge to the Customer. The warranty repairs and defective parts replacement will be carried out by Fluid Management or one of its Authorized Service Representatives.

The second year of the warranty period covers parts only. If any Paint Equipment fails during normal operation, use and service during the second year of the warranty period due to a defect in material or workmanship, Fluid Management will provide Customer with a replacement for any defective parts at no charge to the Customer. Customer will be responsible for all labor.

The above warranty and obligations are subject to the WARRANTY CONDITIONS, EXCLUSIONS AND LIMITATIONS and the WARRANTY DISCLAIMERS AND LIABILITY LIMITATIONS set forth below.

WARRANTY CLAIMS

Warranty claims must be asserted during the warranty period. While Paint Equipment is under warranty, no repair or part replacement should be undertaken without first contacting Fluid Management at 800-462-2466. To expedite the process, the model and serial numbers of the Paint Equipment should be available at the time of the call.

WARRANTY CONDITIONS, EXCLUSIONS AND LIMITATIONS

Fluid Management shall have no liability or obligation under its warranty in connection with any warranty claim asserted or any failure or malfunction occurring after the expiration of the warranty period.

As a condition to any warranty repair or part replacement, Fluid Management shall have the right to first inspect, test and evaluate the Paint Equipment and parts that are claimed to be defective.

Return of Paint Equipment and parts to Fluid Management requires a Return Goods Authorization (RGA) from Fluid Management, and the RGA number must be included with any returned Paint Equipment or part.

Customer shall be required to provide Fluid Management and its Authorized Service Representatives with all information that any of them may request concerning the maintenance, operation, use, service, failure or malfunction of Paint Equipment and parts that are claimed to be defective.

Fluid Management may use reconditioned parts for warranty repairs and parts replacement.

Warranty repairs and part replacement do not extend the warranty period for Paint Equipment and repaired Paint Equipment and replacement parts are warranted only for the remainder of the original warranty period.

Any repair or replacement requested as a warranty repair or replacement that is not covered by Fluid Management’s warranty will be billed to Customer as non-warranty repair or replacement on a time and materials basis.
WARRANTY CONDITIONS, EXCLUSIONS AND LIMITATIONS (cont.)

Fluid Management’s warranty transfers to the new owner with transfer of ownership Paint Equipment. It is the responsibility of new owner to notify Fluid Management at 1-800-462-2466 of the transfer of ownership of Paint Equipment. Transfer of ownership does not extend the warranty period.

Fluid Management’s warranty does not cover, extend or apply to, or include:

- Computer or computer-related equipment such as laptops, monitors and printers and other third-party equipment supplied with Paint Equipment (In the case of computer and computer-related equipment such as laptops, monitors or printer, and other third-party equipment, any warranty is limited to a pass through to Customer of any warranty received from the equipment manufacture, and is subject to whatever terms, conditions and limitations are imposed by the equipment manufacturer)

- Third-party software (In the case of third-party software, any warranty is limited to a pass through to Customer of any warranty received from the software provider and is subject to whatever terms, conditions and limitations are imposed by the software provider)

- Normal wear and tear

- Any Paint Equipment or part that fails or malfunctions due to any computer or computer-related equipment, other peripheral equipment, third-party software or software or equipment provided by Customer or a third party

- Any Paint Equipment or part failure or malfunction that Fluid Management or one of its Authorized Service Representatives determines to have been caused by or attributable to damage during or after shipment, colorant in the wrong canister, colorant related issues (e.g. beads in colorant, etc.), overfilling of canisters, improper operation or misuse, lack of daily maintenance, power surge, power outage, fire, flood, water leakage, accident, acts of god, casualty, or other similar causes

- Any Paint Equipment or part that Fluid Management or one of its Authorized Service Representatives determines was tampered with, disassembled, repaired, modified or altered by anyone other than Fluid Management or one of its Authorized Service Representatives without the prior written authorization of Fluid Management, used to mix or dispense material that the Paint Equipment was not designed to mix or dispense or otherwise used for a purpose or under conditions that differ from those for which the Paint Equipment was designed, or subjected to abnormal use or service, or has had its serial number removed or altered.

- Field repair, removal, reinstallation or other similar tasks not performed by Fluid Management or one of its Authorized Service Representatives

- Cabinets and structural frames

- Mistints or misfills
WARRANTY DISCLAIMERS AND LIABILITY LIMITATIONS

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UNDER NO CIRCUMSTANCES SHALL FLUID MANAGEMENT OR ANY OF ITS AUTHORIZED SERVICE REPRESENTATIVES HAVE (I) ANY LIABILITY FOR ANY CLAIM, LOSS, DAMAGE, INJURY, LIABILITY, OBLIGATION, COST OR EXPENSE THAT DIRECTLY OR INDIRECTLY RELATES TO OR ARISES OUT OF THE PERFORMANCE OF ANY SERVICES OR THE USE, FAILURE OR MALFUNCTION OF ANY EQUIPMENT, COMPONENT OR PART OR (II) ANY LIABILITY FOR INDIRECT, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOSS OF SALES, LOSS OF PROFITS, LOSS OF MATERIAL BEING DISPENSED, DOWN TIME, LOSS OF PRODUCTION, LOSS OF CONTRACTS, OR DAMAGE TO REPUTATION OR GOOD WILL, WHETHER OR NOT FLUID MANAGEMENT OR ANY OF ITS AUTHORIZED SERVICE REPRESENTATIVES WAS AWARE OF OR ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

IN ANY EVENT, FLUID MANAGEMENT’S TOTAL LIABILITY IN CONNECTION WITH ANY INDIVIDUAL ITEM OF EQUIPMENT SHALL LIMITED TO THE NET PRICE PAID TO FLUID MANAGEMENT FOR SUCH ITEM OF EQUIPMENT.