



VR-Series Mixer | End User Guide

Maintenance and Care

Troubleshooting

Service Parts

Warranty



Fluid Management

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Content

Once your VR-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 VR-Series Mixer.



VR1+ Series Mixer

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About this Guide

Safety Precautions

- Read this guide and all warning labels before using the machine.
- Keep this guide in a safe place.
- Read and adhere to all Warning and Caution labels on the machine.
- Prepare, level, and clear the area where the machine will be installed.
- To avoid risk of fire or injury, unplug the power before servicing electrical components.
- DO NOT use mixer on or near flammable or combustible materials
- DO NOT mix flammable materials.
- Plug into an approved grounded outlet only. Make sure the outlet meets all national and local codes.
- To reduce the risk of electric shock or injury, use indoors only.
- This mixer contains moving parts. Tightly seal the container before operating.

How to Use this Guide

This guide is organized into eleven sections. Each section provides detailed information on VR-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 VR-Series Mixer.

This guide provides instructions for safely and easily installing your VR-Series Mixer when it arrives. This publication also includes operational instructions, daily and preventative maintenance procedures, basic troubleshooting suggestions and 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 VR-Series Mixer** to find out about the features of this VR-Series Mixer.

If you have internet access, the most current information for your VR-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 VR-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.



WARNING
Unplug before
servicing



Use a dedicated
15 amp circuit (US &
Latin America only)



WARNING
DO NOT use with or
near flammables

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.

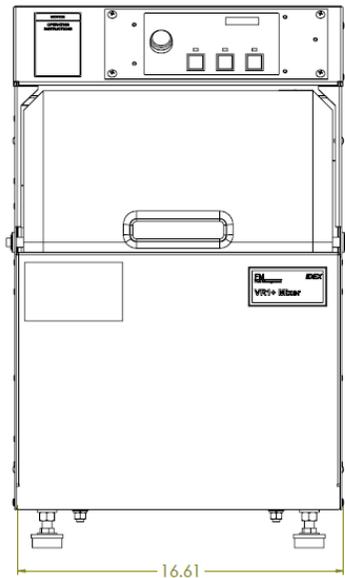
Safety and Regulatory Compliance Information

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

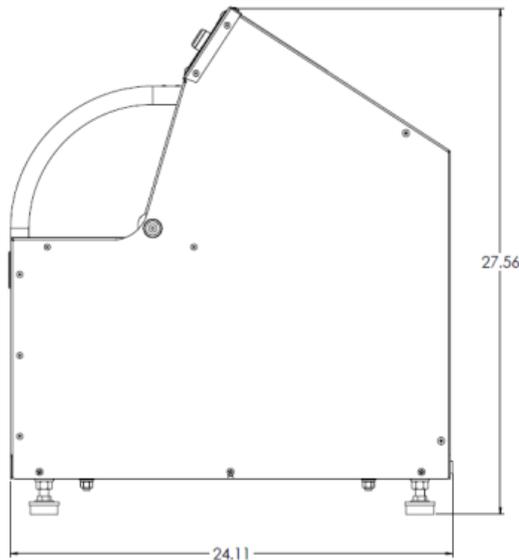
FCC Compliance Statement

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 VR-Series Mixer



VR1+ Front View



VR1+ Side View

VR-1+ Digital Model Shown

Features

- One-gallon mixer for round containers.
- Durable steel frame
- Three digital timer mixing settings: **Light (1.5 mins)**, **Medium (2 mins)** and **Dark (3 mins)**
1-4 minutes with the mechanical timer version
- 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

VR1+ Series

Height: 27.9" (71 cm)

Width: 17" (43 cm)

Depth: 24" (61 cm)

Weight: 117 pounds (53 kg)

Maximum power:

120V, 6.0 Amps +/- 10%, 60 Hz

220V, 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 cans 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

Getting to Know Your VR-Series Mixer

Tips to improve operations

These tips will help improve the operation of your VR-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 green button to stop the machine
- When the red LED is lit on the digital timer 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.



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: 1 5 amp line for 120 Volt equipment.

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

Your VR-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.



Getting Started

Installation

Unpacking and Set up

Follow the steps on the next two pages to set up your VR-Series Mixer

Important: Before you plug the VR-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.

VR-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.

- Remove the interior packaging materials.
- 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).

- Remove packing instructions from the front door and open door.
- Using the 9/16" socket wrench and extension, locate and remove the two bolts that secure the mixer to the skid. These are located on either side of the can holder near the back of the unit. (See figures 1a and 1b.)
- Using at least two people, remove the mixer from the skid and lower to the 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.

Getting Started Installation

5 Remove the packing blocks from inside the mixer

- Carefully lift up the mixer at an angle providing access to the bottom.
- Remove the three central bolts holding the shipping blocks (see Figure 2).
- Carefully set the mixer down and open the top cover.
- Use the cord that joined together the shipping blocks to pull the blocks out of the mixer. (See figure 3)



Figure 1a

6 Position mixer in permanent location.

- Choose a location for your mixer capable of supporting its weight of 117 pounds (53 kilograms).
- Make sure there is enough room to access the rear of the machine to perform routine maintenance.
- Adjust the feet to level the mixer and prevent it from rocking.



Figure 1b

7 Final preparations.

Plug in the power cord. Follow **Basic Operations** for operating instructions.



Figure 2



Figure 3

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 VR-Series Mixer:

1 Press the Power On/Off button.

2 Place container.

- Open the mixer door.
- 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.

Insert can into the can holder so it touches the bottom of the can holder

- 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)

The lid retainers assist holding the lid on the can during mixing, but are not required for mixing if the can is fully inserted into the holder. (See Figure 4)

- Close the mixer door.

3 Select the mix cycle.

- 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.



Figure 4

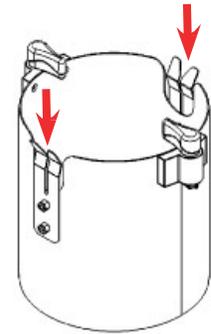


Figure 5

Basic Operations

Mixing

- b. To change the preset time settings on the **Light (1:30)**, **Medium (2:00)** or **Dark (3:00)** buttons follow the procedure below:
 - Press and hold the **Light**, **Medium**, or **Dark** button for 5 seconds a green light will flash right below the button you desired to adjust and the current time will display on the control panel display.
 - When adjusting the **Light** button, use the **Medium** button to raise the time and the **Dark** button to lower the time.
 - When adjusting the **Medium** button, use the **Light** button to raise the time and the **Dark** button to lower the time.
 - When adjusting the **Dark** button, use the **Light** button to raise the time and the **Medium** button to lower the time.

Note: The maximum time setting for the digital timer models is 5 minutes.

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



Figure 6



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.

Basic Operations

Using the adapter

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 Figure 8)
- 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 8)
- 4 Clamp both lid retainers over the adapter.**
(See Figure 9)
- 5 Follow *Basic Operation-Mixing* steps to begin mixing.**



Figure 8



Figure 9

Accessories

VR-Series Mixer Adapter

PART NUMBER	DESCRIPTION	IMAGE
25090	Round Quart Adapter for use with VR-1+ Mixer	

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

VR-Series Mixer Stand

PART NUMBER	IMAGE
30740	

Maintenance, Care and Use



To ensure safe, dependable operation of your V-Series Mixer follow the maintenance schedule detailed below:

Clean Every Day:

- Clean all accessible inside and outside surfaces with a mild cleaning solution.
- Clean control panel surfaces with a mild cleaning solution.

Every Six Months:

- Level the machine
- Adjust belt tension as needed
- Check for dirt accumulations on motor. Remove dirt by vacuuming.

Every Year:

- Lubricate the sleeve bearings on the motor with 30-35 drops of SAE 20 oil.
- Change the drive belt.



Unplug from outlet before servicing and cleaning.

Frequently Asked Questions

Equipment Troubleshooting

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 VR-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.

PROBLEM	FIRST CHECK	ACTION
The mixer does not start.	<ul style="list-style-type: none"> • Is mixer plugged in? • Does "0" appear on led? • Is voltage present? • Is front door closed? • Is motor overheated? 	<ul style="list-style-type: none"> • Connect mixer to power source. • Connect mixer to power source. • Contact an electrician. • Close front door. • Allow motor to cool for at least five minutes. Check for an excessive accumulation of dirt. Vacuum if necessary. • Call customer service.
The mixer will not shut off.	<ul style="list-style-type: none"> • Is time shown on the display visible and counting down? 	<ul style="list-style-type: none"> • Let mixer finish mixing cycle. • Unplug mixer. • Call customer service.
The motor has voltage and hums, but it will not run.	<ul style="list-style-type: none"> • Is the line voltage low? • Is the belt too loose or too tight? 	<ul style="list-style-type: none"> • Make sure the mixer is on a dedicated line. • Check the tension of the belt. • Call customer service.
An excessive amount of vibration occurs.	<ul style="list-style-type: none"> • Is can holder empty? • Is mixer level? • Is one of adjustable legs broken, low, or damaged? • Is paint can positioned in the can holder correctly? 	<ul style="list-style-type: none"> • Place container in can holder. • Adjust legs until balanced. • Replace or adjust damaged leg. • Position container in the can holder.
The motor starts slowly.	<ul style="list-style-type: none"> • Is the belt tension too tight? 	<ul style="list-style-type: none"> • Adjust the tension of the belt.

Service

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.



Fluid Management Customer Service
1.800.462.2466

Save time and money. If something should go wrong, we suggest consulting the **Maintenance, Troubleshooting** and **Service** sections of this guide. They are designed to solve basic problems before consulting a service technician.

However, should you need assistance, please have your model and serial number ready. Be near your machine when you call and have a purchase order number if ordering parts.

Fluid Management
SERIAL NO. _____
MODEL NO. _____

PN 4980001
1 800 462 2466 MADE IN USA
1023 Wheeling Road, Wheeling, Illinois 60090-5776

The serial plate is located on the side panel of the machine. It includes the serial and model numbers for your machine. Please make a note of these numbers below:

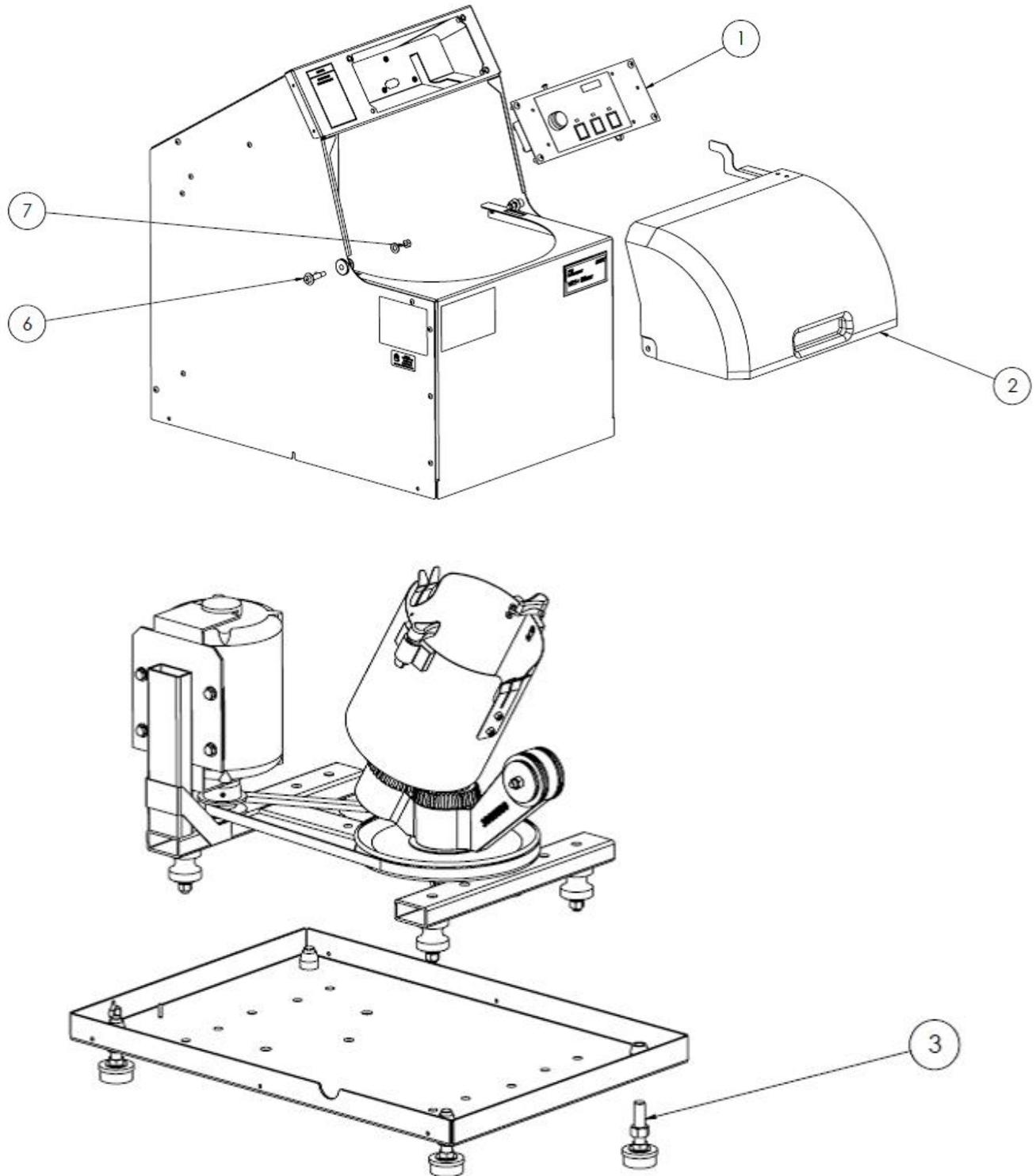
Date of purchase: _____

Model Number: _____

Serial Number: _____

Your Service Technician's
Name: _____

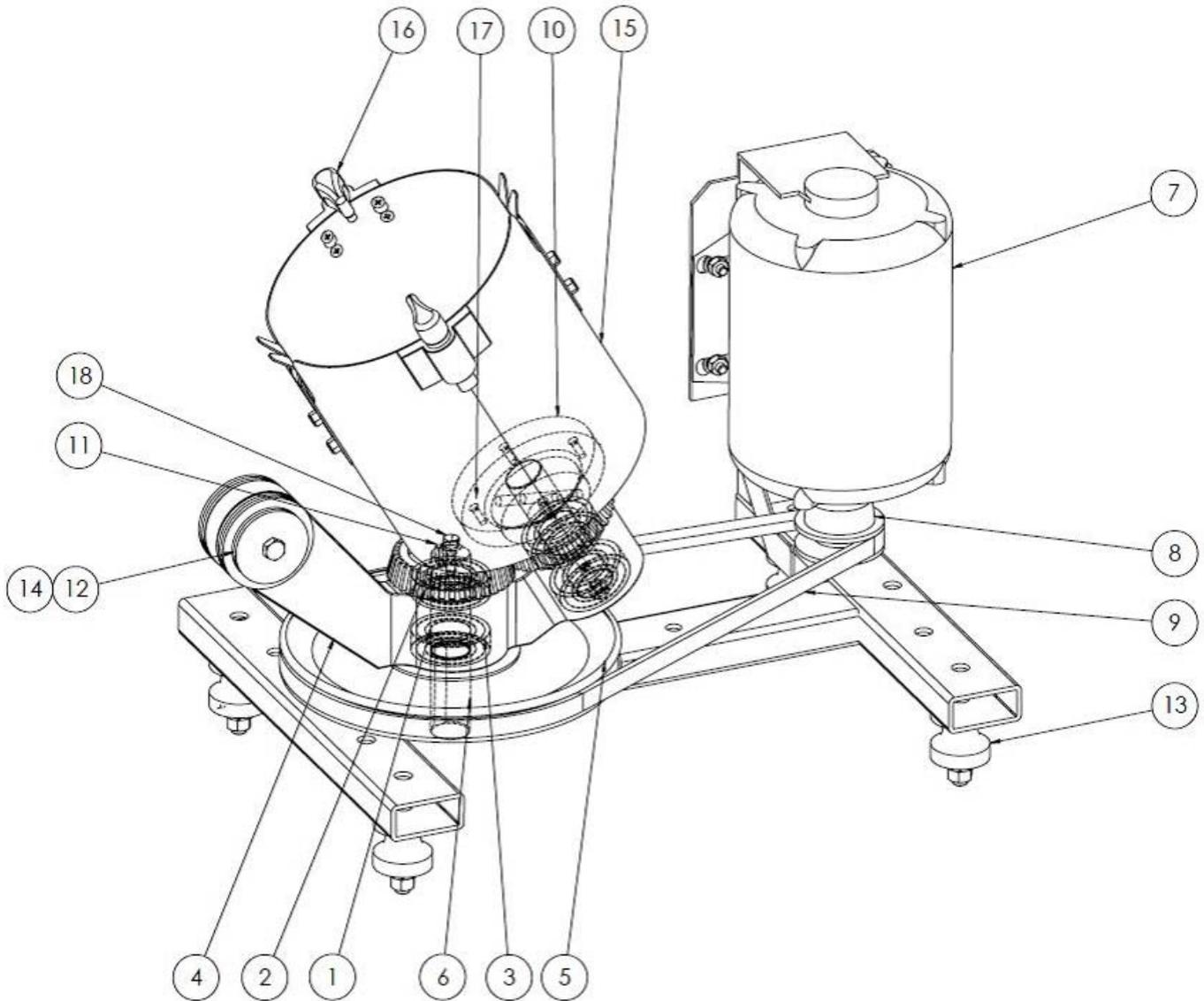
Parts



Parts

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	37220	CONTROL PANEL - DIGITAL TIMER 120V	1
1	37224	CONTROL PANEL - MECHANICAL KNOB TIMER, 120V MODEL	1
1	37320	CONTROL PANEL - MECHANICAL KNOB TIMER WITH INTERLOCK 120V	1
1	37314	CONTROL PANEL - MECHANICAL KNOB TIMER, 220V MODEL	1
2	37267	PLASTIC DOOR ASSEMBLY	1
3	16112	ADJUSTMENT FOOT	1
6	03675	SHOULDER SCREW 5/16 X 1 ¼ , ¼-20 THD	2
7	4000096	NUT, HEX, ¼-20 NYLOCK	2

Parts



Parts

ITEM NO.	PART NUMBER	DESCRIPTION	QUANTITY
1	24375	SHAFT, MAIN TRANSARM	1
2	24188	GEAR, BEVEL	2
3	3005002	BEARING	4
4	300500	TRANSARM	1
5	3005014	PULLEY	1
6	3005001	BEARING SHAFT	2
7	16429	MOTOR, 48 FRAME - 120V MODEL	1
7	00630	MOTOR, 1/3 HP ODP 1425 RPM - 220V MODEL	1
8	26004	SHEAVE - 120V MODELS	1
8	32449	SHEAVE - 220V MODELS	1
9	35021	V-BELT	1
10	24367	HUB AND SHAFT ASSEMBLY	1
11	3005011	SQUARE KEY, 3/16 X 7/16 LONG	2
12	37252	COUNTERWEIGHT; LARGE	6
13	23430	SHOCK MOUNT	4
14	37253	COUNTERWEIGHT; SMALL	4
15	37271	BUCKET ASSEMBLY	1
16	36567	LID RETAINER LEVERS	1
17	37361	SCREWS, FHCS, 10-32 X 5/8	4
18	F0103412	SCREW, HEX, ¼ -20 X ¾ , FLANGED	1

Fluid Management Statement of Limited Warranty

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.

Fluid Management Statement of Limited Warranty

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

Fluid Management Statement of Limited Warranty

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VR-Series Mixer

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