

# Simulation XM™ and XM™ PFP Display Module

407061B  
EN

*For demonstrating use of the XM and XM PFP displays.*

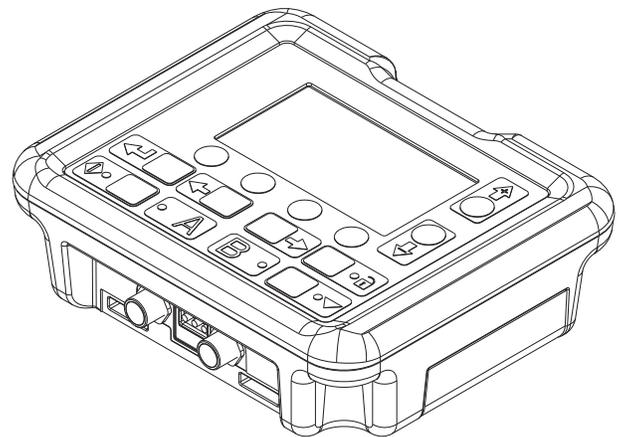
## 24R904

Simulation XM and XM PFP Display Module



### Important Safety Instructions

Read all warnings and instructions in this manual, in XM manual 312359, and in XM PFP manual 3A2776. Save all instructions.



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# Contents

- Overview . . . . . 3**
  - Simulation . . . . . 3
  - System Selection . . . . . 3
  - Setup Mode Screens . . . . . 4
  - Operator Command Mode Screens . . . . . 5
- Access Auto Display Screens . . . . . 6**
  - USB Download Simulation . . . . . 6
  - Potlife Simulation . . . . . 7
  - Test Mode Simulation . . . . . 8
  - Other Simulations . . . . . 8
- Parts . . . . . 9**
- Graco Standard Warranty . . . . . 10**

# Overview

The simulation display module simulates all functions of a display module installed on XM and XM PFP proportioners.

For more information about the icons, screens, and functions of the display module, see:

- Manual 312359 for XM system
- Manual 3A2776 for XM PFP system

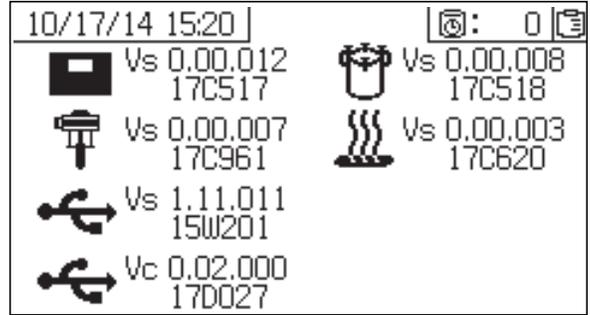
# Simulation

Use the blue simulation token 16N498 provided to put the display into simulation mode. When the blue token is inserted into the programming connector on the display, the display simulates the XM and XM PFP systems and will not communicate with other electronic modules. When the blue token is removed from the programming connector, the display will act like a normal module and can be used in the XM or XM PFP system.

# System Selection

The display simulates an XM system when shipped from Graco. To switch between XM and XM PFP, complete the following steps.

1. Enter Setup mode.
2. Navigate to the Software Versions screen.



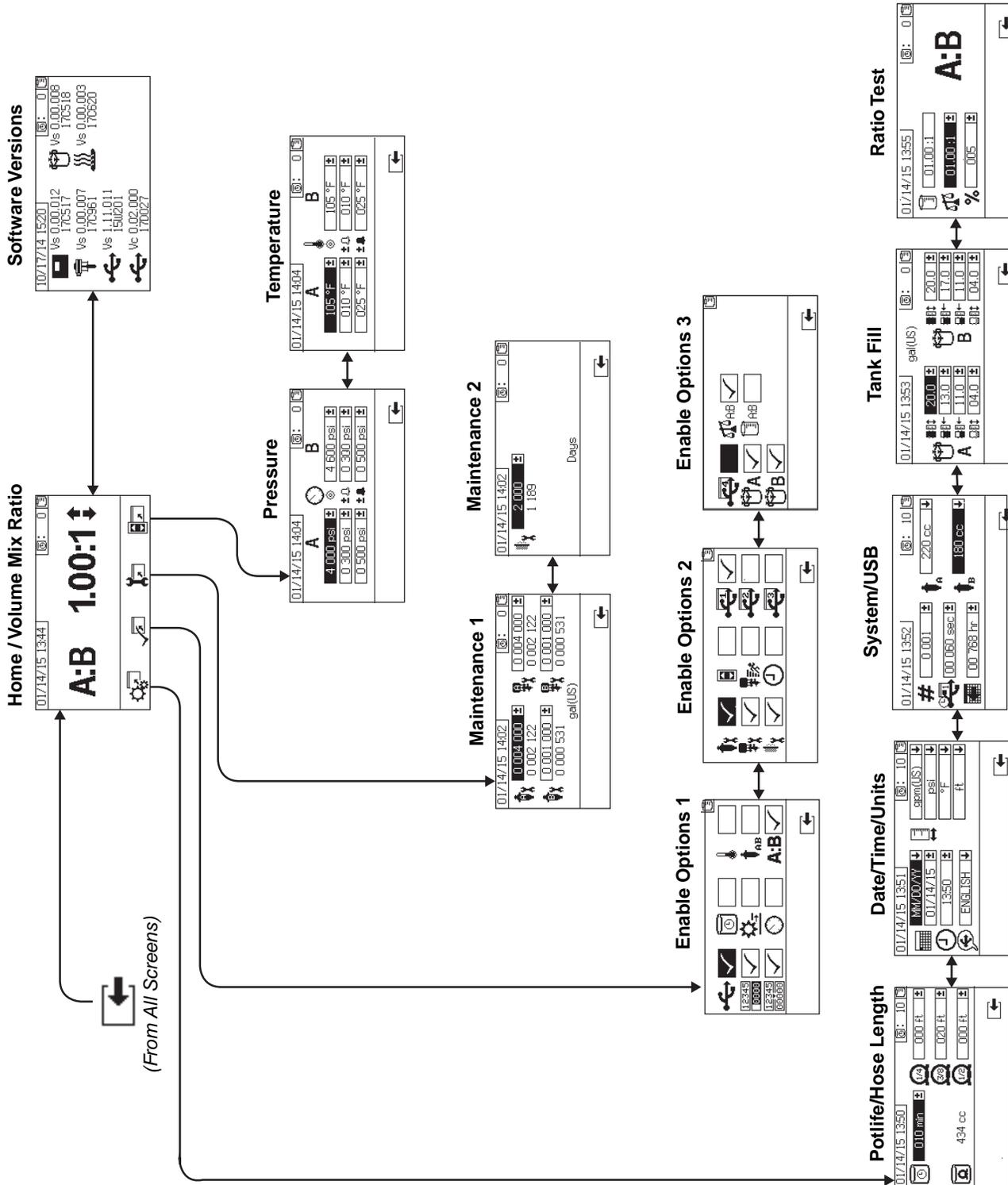
3. Press  .

# Setup Mode Screens

To enter Setup mode during simulation, go to the Alarm Information screen and press the UP arrow. See **Operator Command Mode Screens** on page 5 for instructions on how to navigate to the Alarm Information screen.

**NOTE:** The Tank Fill screen exists only on an XM PFP system.

## Setup Mode Screens Navigation Diagram

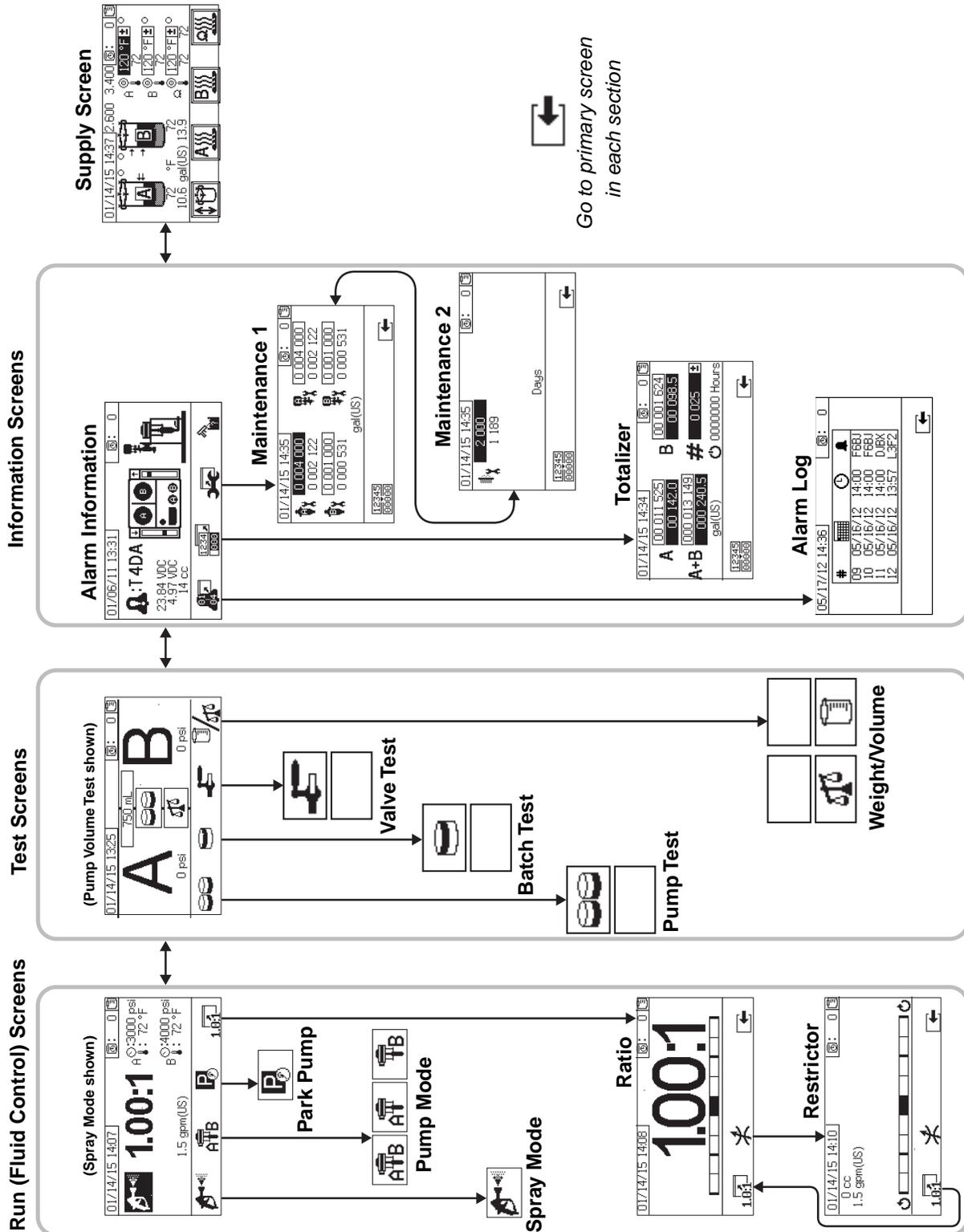


# Operator Command Mode Screens

To enter the Operator Command Mode screens during simulation, go to the Software Versions screen and press the UP arrow. See **Setup Mode Screens** on page 4 for instructions on how to navigate to the Software Versions screen.

**NOTE:** The Supply screen exists only on an XM PFP system.

## Operator Command Mode Screens Navigation Diagram



# Access Auto Display Screens

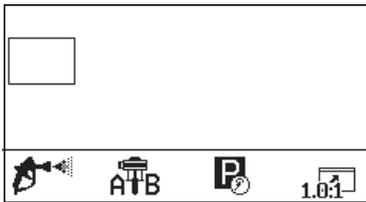
The simulation display module does not communicate with fluid control modules when the blue simulation token is installed. Therefore, the USB and Potlife screens cannot be accessed through normal navigation. The following sections describe how to access each screen.

## USB Download Simulation

Complete the following steps to simulate a USB download.

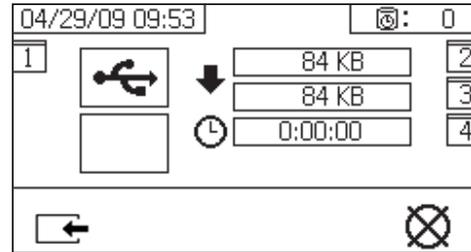
1. Navigate to the Power On/Enter Mode screen in the (Operator Command Mode) displays.

**Power On/Enter Mode**



2. Press  .

The USB screen displays automatically.  continuously flashes, simulating download.



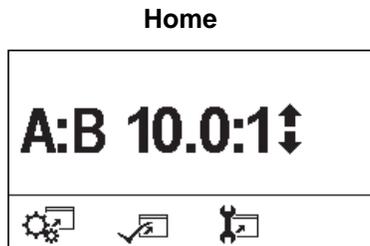
3. Press  to simulate stopping the download process.

4. Press  to return to the Power On/Enter Mode screen.

## Potlife Simulation

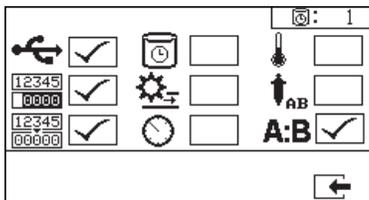
The Potlife screen is not available unless the potlife timer is enabled. To enable the potlife timer complete the following steps.

1. Enter Setup mode by navigating to the Alarm Information screen then pressing the UP arrow. The Home Setup screen displays.



2. Press from the Home Setup screen.

3. Press to scroll down and highlight .

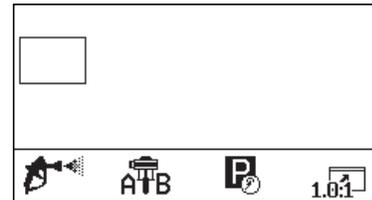


4. Press to enable the potlife timer.

5. Press to return to the Home Setup screen.

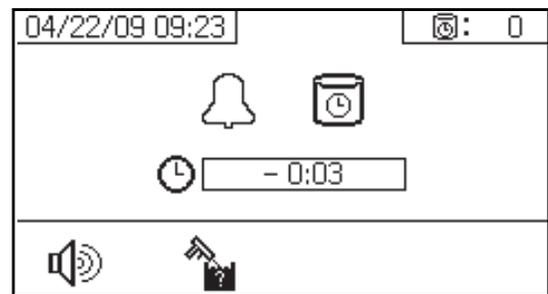
6. Exit Setup Mode to access the Potlife screen: Navigate to the Version Control screen then press the UP arrow. The Power On/Enter Mode screen displays.

### Power On/Enter Mode



7. Press to view the Potlife screen.

This screen simulates that a potlife advisory alarm has been activated.



8. Press to exit and return to the Power On/Enter Mode screen.

## Test Mode Simulation

1. Enable Pump Test or Batch Test.
2. Press Start. The left side A letter will flash.
3. Press  . The right side B letter will flash.
4. Press  . The Test Result screen will display.

**NOTE:** The fluid weight or volume can then be entered.

## Other Simulations

### **Spray Mode, Run Mode, Park Mode**

Pumps will move up and down on the Alarm Information screen.

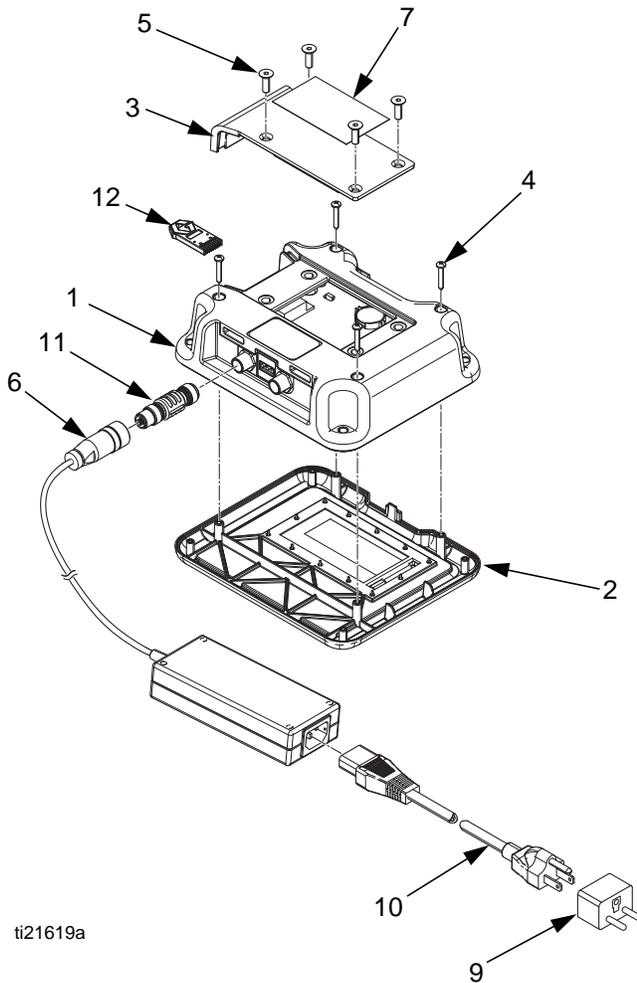
### **Pressure Tank Control Mode**

Tank level will go up and down.

### **Temperature Control Mode**

Temperature will rise from room temperature to setpoint entered.

# Parts



ti21619a

## 24R904 Simulation Display Module

Ref.	Part	Description	Qty.
1	288997	CASE, rear, portable display	1
2*	255727	CASE, front, data module	1
3*	277463	COVER, access, low level display	1
4*	121946	SCREW, pan head, #6 x 7/8 in.	4
5*	113768	SCREW, socket, flat head, M5 x 0.80 x 16	4
6	124149	CABLE, can female, transformer, AC to DC	1
7▲	15W958	LABEL, warning, battery	1
9	122054	PLUG, electrical, international adapter	1
10	---	CORD, North America, IEC-320-C13 to NEMA 5-15P	1
11	16T072	CAN ADAPTER	1
12	16N498	TOKEN, simulation	1

▲ Replacement Danger and Warning labels, tags, and cards are available at no cost.

\* See XM PFP proportioner repair manual 3A2989.

--- Not for sale.

# Graco Standard Warranty

Graco warrants all equipment referenced in this document which is manufactured by Graco and bearing its name to be free from defects in material and workmanship on the date of sale to the original purchaser for use. With the exception of any special, extended, or limited warranty published by Graco, Graco will, for a period of twelve months from the date of sale, repair or replace any part of the equipment determined by Graco to be defective. This warranty applies only when the equipment is installed, operated and maintained in accordance with Graco's written recommendations.

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For patent information, see [www.graco.com/patents](http://www.graco.com/patents).

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