



Remote Display Module Kit

3A1907C
EN

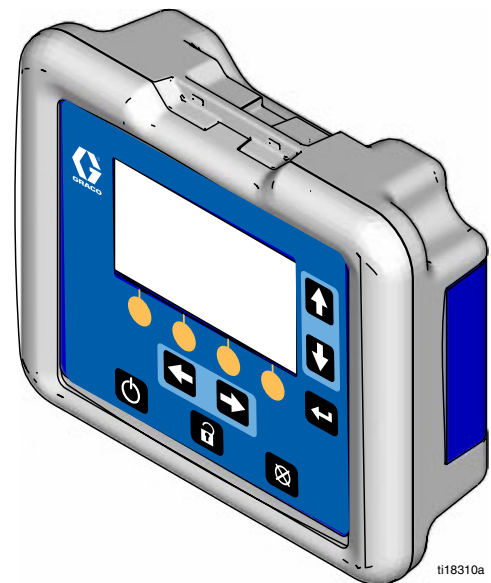
For changing system settings on a Graco Control Architecture™ controlled Reactor® .



Important Safety Instructions

Read all warnings and instructions in this manual and the Reactor manual. **Save these instructions.**

24K338



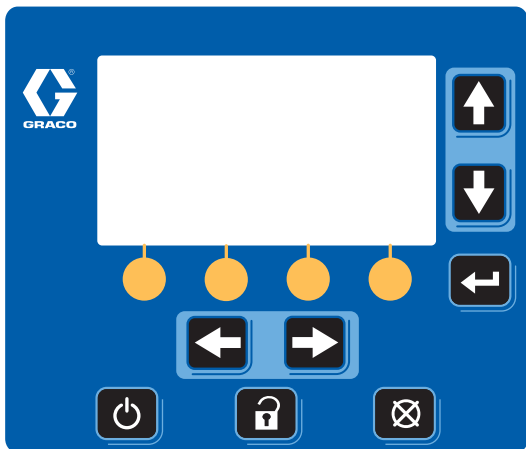
Contents

Component Identification.....	3	Upgrade Software	6
Remote Display Module Screens	4	Replace Tear Off Sheet.....	6
Installation.....	6	Parts.....	7
Maintenance	6	Graco Standard Warranty.....	8

Component Identification

NOTICE

To prevent damage to the softkey buttons, do not press buttons with sharp objects such as pens, plastic cards, or fingernails.



User Interface
Figure 1

Button	Function
	Activate remote display module. When activated, press to stop the current operation and put the system in standby.
	Not used.
	Not used.
	Use to move from screen to screen.
	Press to change a setpoint.
	Press to acknowledge an error.
	Press to select specific operation shown on the display directly above each key.


Remote Display Module Screens

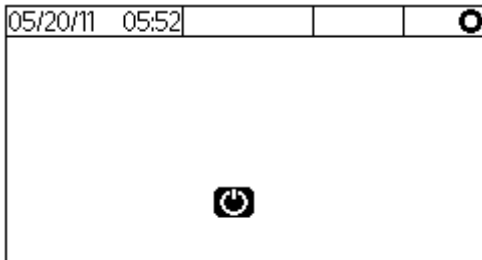
ADM Not Found

This screen is displayed when the ADM is disconnected. Ensure all cable connections are secure.



ADM Disabled

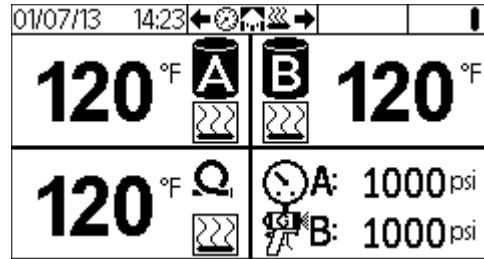
This screen is displayed when the system is first turned on. Press  to activate the system.






Home Screen


This screen displays the actual temperature for the A material, B material, and heated hose at the gun. This screen also indicates which heat zones are on and what mode the pump is in.

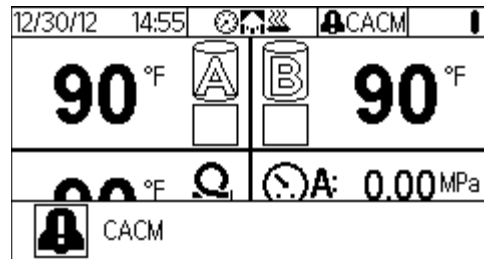
The screen below shows A and B heat zones enabled, actual temperatures, spray pressure, and mode. The actual pressure is also shown. The A and B drum icons show an estimated amount of material inside each drum.






Icon	Mode
	Spray
	Jog
	Park

Error Display

This is the home screen with an active error. Press  to acknowledge the error.



Icon	Mode
	Alarm — High Priority Error
	Deviation — Medium Priority Error
	Advisory — Low Priority Error


See operation manual for more information about error codes.

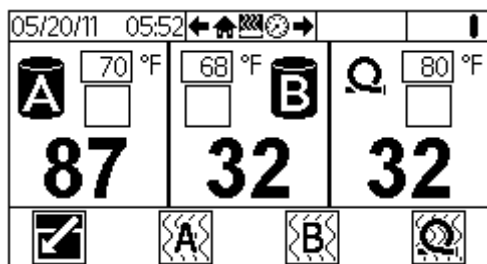
Temperature Screen






Use this screen to view the actual and target temperatures for A material, B material, heated hose at the gun, and estimated drum level.

At this screen you can turn on heat zones and make minor adjustments to the temperature and pressure as the ambient temperature, drum temperature, and other environmental variables change over the course of the spray day.

Turn on a heat zone: Press one of the softkey buttons to turn on or off the corresponding heat zone.


Adjust temperature setpoint: Press  and use the left and right arrow keys to select which temperature setpoint you want to modify. Press the up and down arrows to change the temperature.

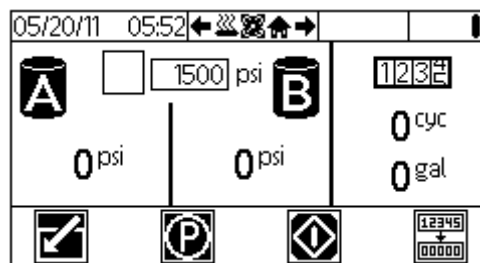







Icon	Function
	Press to edit the temperature setpoints.
	Press to enable or disable the A component heat zone.
	Press to enable or disable the B component heat zone.
	Press to enable or disable the heated hose heat zone.
	Indicates that the heat zone is on. A blank box indicates that the heat zone is off.

Pressure Screen

Use this screen to view actual pressures for A and B components at the fluid manifold, A and B pressure setpoint, number of cycles, number of flow units pumped, estimated drum level, and park the pumps.

Adjust pressure setpoint: Press . Press the up and down arrows to change the pressure.



Icon	Function
	Press to edit the pressure setpoint.
	Press to park the system pumps.
	Press to start proportioner.
	Press to stop proportioner.
	Press to clear cycle counter

Installation

Reference parts illustration on next page.

1. Shutdown system. See operation manual for shutdown instructions.
2. Remove CAN 2 knockout from electrical enclosure and install bulkhead fitting (7).
3. Disconnect CAN cable (CAN-1 TCM-H) from existing bulkhead fitting (F). Leave CAN cable (CAN-1 MCM) connected to fitting.
4. Attach splitter (2) on new bulk head fitting (7). Connect CAN cable (CAN-1 TCM-H) and CAN cable (5) to splitter.
5. Attach CAN cable (5) to bulk head fitting (F).
6. Route CAN cable (8) under fluid manifold. Connect cable (8) to CAN cable in heated hose assembly.

Note

Order CAN cables if the heated hose assembly does not have a CAN cable.

- 24N449 — 50 ft (15.2 m)
- 121006 — 150 ft (45.7 m)

7. Connect CAN cable (3) to heated hose assembly at the joint before the whip hose and either CAN port on the remote display module (1). Keep the remote display module near spray area.
8. Install the protective cap (4) on the unused CAN port.

Maintenance

Upgrade Software

Order 16M459 for an upgrade token. See Graco Control Architecture Module Programming manual 3A1244 for instructions.

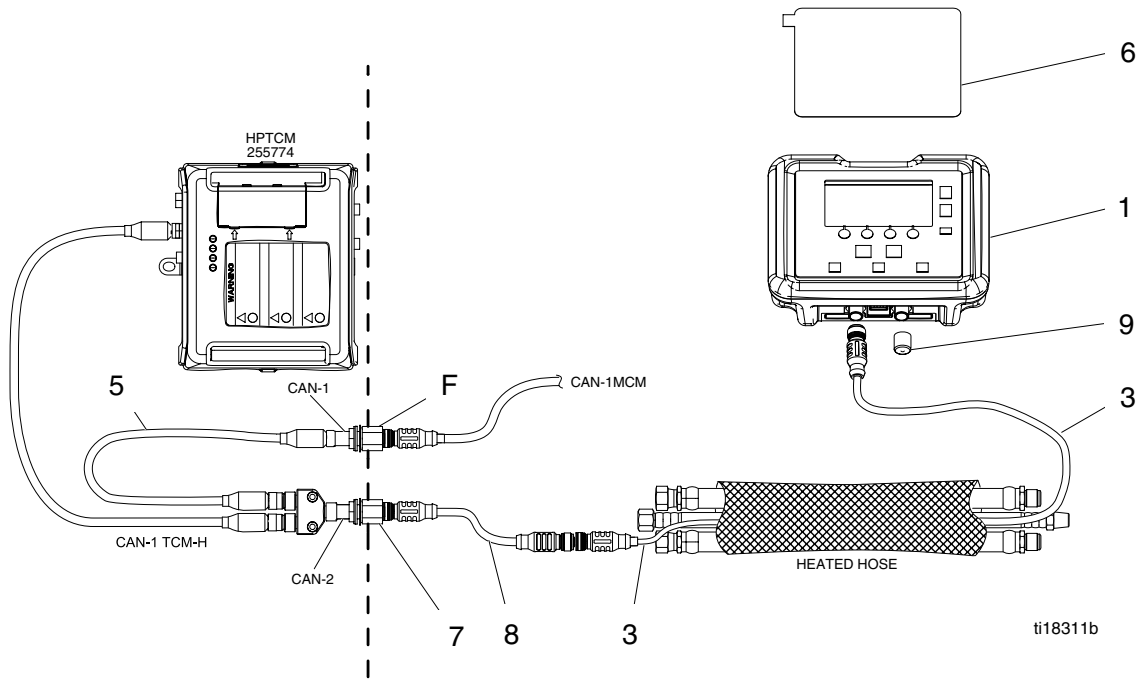
Replace Tear Off Sheet

1. Peel away the dirty protective sheet.
2. Install a new protective sheet (6) on the display.

Parts

24K338 Remote Display Module Kit

Ref.	Part	Description	Qty.
1	24L952	MODULE, display	1
2	124654	CONNECTOR, splitter; (2) M12 (m) x M12 (f)	1
3	124003	CABLE, can, male/female; 16.4 ft (5 m)	1
4	121262	CAP, vinyl	2
5	121000	CABLE, CAN, female/female; 1.6 ft (0.5 m)	1
6	15M483	SHIELD, membrane; (10 pack)	1
7	121612	CONNECTOR, bulkhead, male/female	1
8	123652	CABLE, can, male/female; 11.5 ft (3.5 m)	2
9	16M459	TOKEN, Reactor, E30i and EXP2i	1



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.

This warranty does not cover, and Graco shall not be liable for general wear and tear, or any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution of non-Graco component parts. Nor shall Graco be liable for malfunction, damage or wear caused by the incompatibility of Graco equipment with structures, accessories, equipment or materials not supplied by Graco, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Graco.

This warranty is conditioned upon the prepaid return of the equipment claimed to be defective to an authorized Graco distributor for verification of the claimed defect. If the claimed defect is verified, Graco will repair or replace free of charge any defective parts. The equipment will be returned to the original purchaser transportation prepaid. If inspection of the equipment does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor, and transportation.

THIS WARRANTY IS EXCLUSIVE, AND IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

Graco's sole obligation and buyer's sole remedy for any breach of warranty shall be as set forth above. The buyer agrees that no other remedy (including, but not limited to, incidental or consequential damages for lost profits, lost sales, injury to person or property, or any other incidental or consequential loss) shall be available. Any action for breach of warranty must be brought within two (2) years of the date of sale.

GRACO MAKES NO WARRANTY, AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IN CONNECTION WITH ACCESSORIES, EQUIPMENT, MATERIALS OR COMPONENTS SOLD BUT NOT MANUFACTURED BY GRACO. These items sold, but not manufactured by Graco (such as electric motors, switches, hose, etc.), are subject to the warranty, if any, of their manufacturer. Graco will provide purchaser with reasonable assistance in making any claim for breach of these warranties.

In no event will Graco be liable for indirect, incidental, special or consequential damages resulting from Graco supplying equipment hereunder, or the furnishing, performance, or use of any products or other goods sold hereto, whether due to a breach of contract, breach of warranty, the negligence of Graco, or otherwise.

FOR GRACO CANADA CUSTOMERS

The Parties acknowledge that they have required that the present document, as well as all documents, notices and legal proceedings entered into, given or instituted pursuant hereto or relating directly or indirectly hereto, be drawn up in English. Les parties reconnaissent avoir convenu que la rédaction du présente document sera en Anglais, ainsi que tous documents, avis et procédures judiciaires exécutés, donnés ou intentés, à la suite de ou en rapport, directement ou indirectement, avec les procédures concernées.

Graco Information

For the latest information about Graco products, visit www.graco.com.

To place an order, contact your Graco Distributor or call to identify the nearest distributor.

Phone: 612-623-6921 **or Toll Free:** 1-800-328-0211 **Fax:** 612-378-3505

All written and visual data contained in this document reflects the latest product information available at the time of publication.

Graco reserves the right to make changes at any time without notice.

For patent information, see www.graco.com/patents.

Original Instructions. This manual contains English. MM 3A1907

Graco Headquarters: Minneapolis

International Offices: Belgium, China, Japan, Korea

GRACO INC. AND SUBSIDIARIES • P.O. BOX 1441 • MINNEAPOLIS MN 55440-1441 • USA

Copyright 2012, Graco Inc. All Graco manufacturing locations are registered to ISO 9001.

www.graco.com

Revised August 2012