

Remote Display Module Kit

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EN

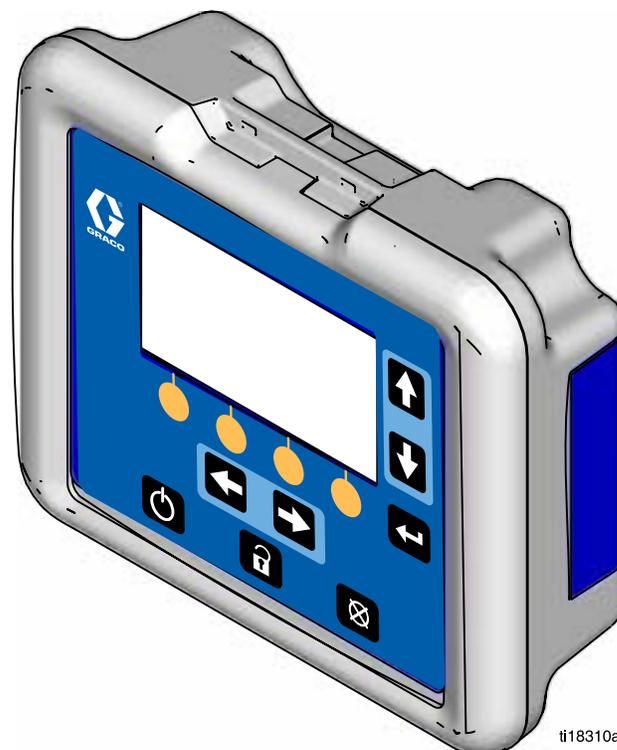
For changing system settings on a Graco Control Architecture™ controlled Reactor® .



Important Safety Instructions

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

24U174



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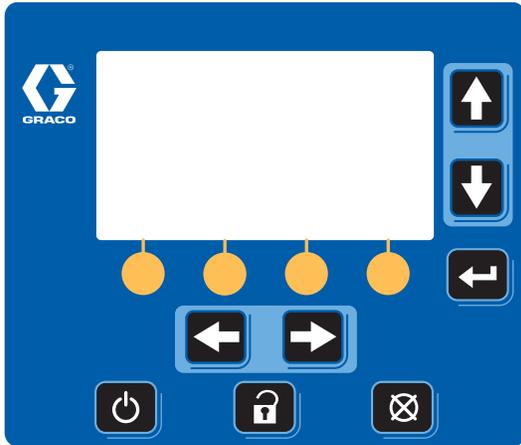
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Component Identification

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

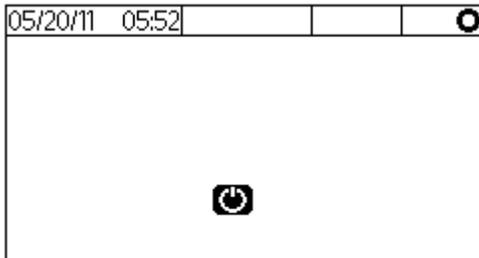
ADM Not Found

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



ADM Disabled

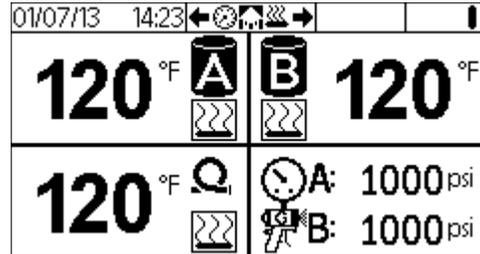
This screen is displayed when the system is first turned on. Press  to activate the system.



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.

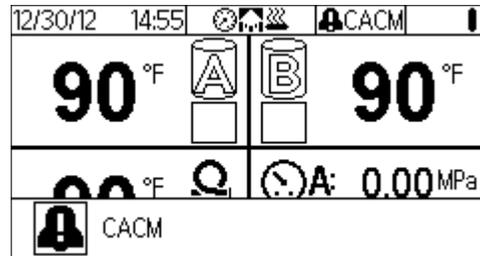
The screen below shows A and B heat zones enabled, actual temperatures, spray pressure, and mode. The actual pressure is also shown. The A and B drum icons show an estimated amount of material inside each drum.



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.

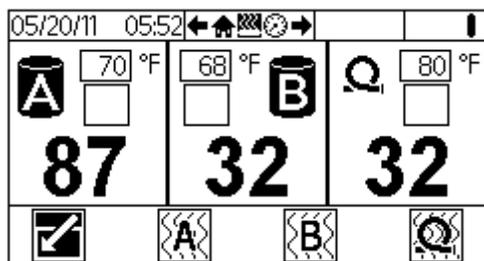
Temperature Screen

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.

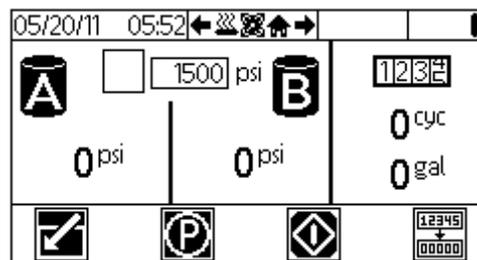


Icon	Function
	Press to edit the temperature setpoints.
	Press to enable or disable the A component heat zone.
	Press to enable or disable the B component heat zone.
	Press to enable or disable the heated hose heat zone.
	Indicates that the heat zone is on. A blank box indicates that the heat zone is 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 For Integrated Reactor 1st Generation

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).

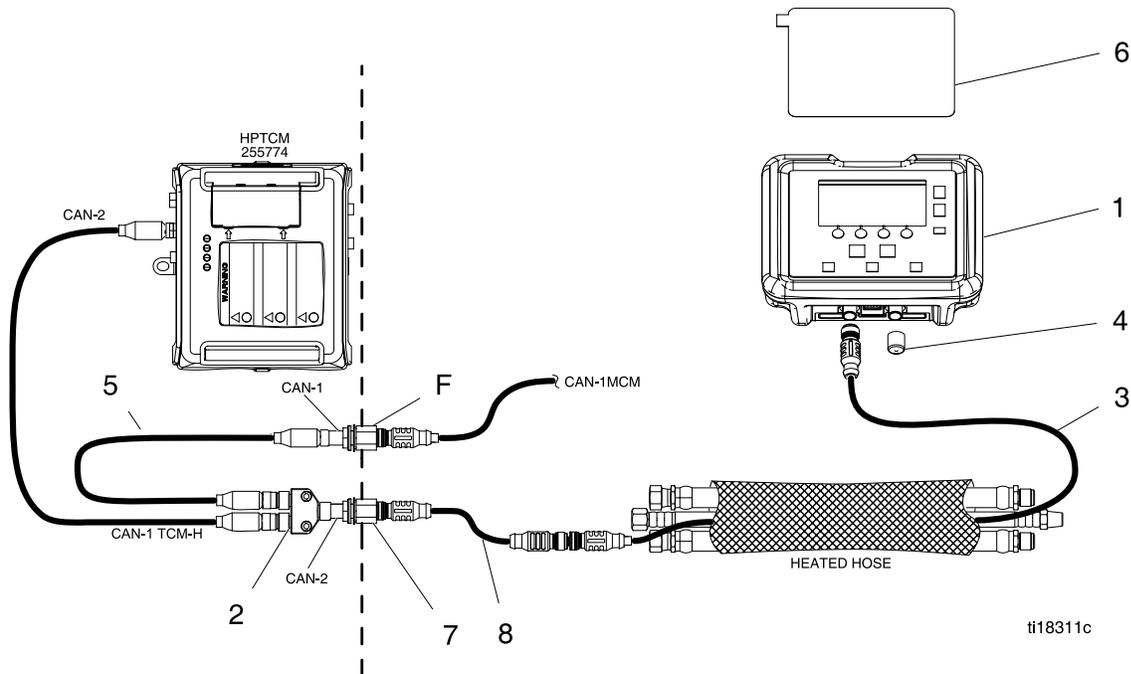
6. Route CAN cable (8) under fluid manifold. Connect cable (8) to CAN cable in heated hose assembly.

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.



Installation For Reactor 2

1. Shutdown system. See operation manual for shutdown instructions.
2. Disconnect CAN cable from TCM and attach to splitter (2).
3. Attach CAN cable (5) to splitter (2) and TCM.
4. Attach CAN cable (8) to splitter (2)).

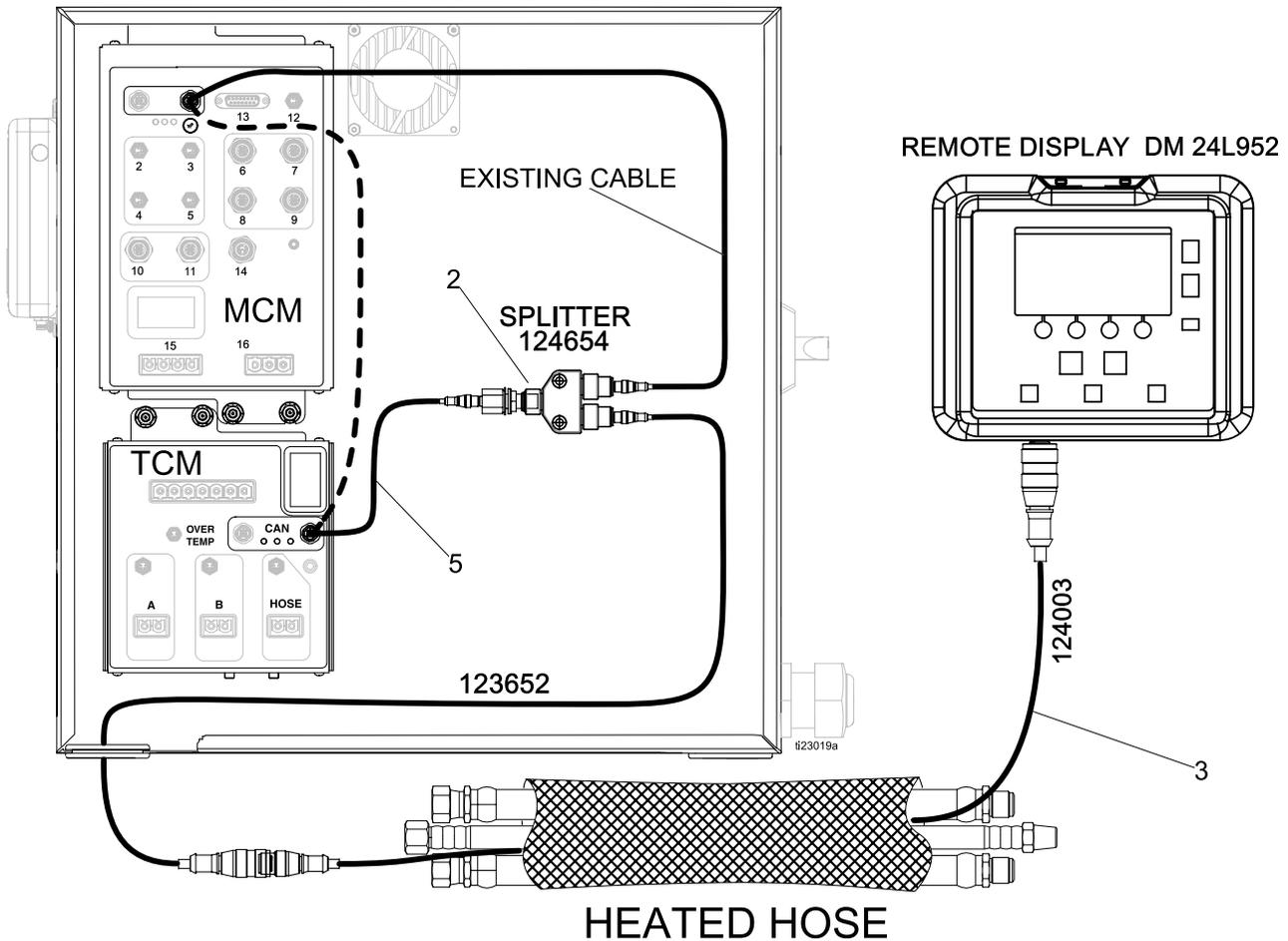
5. Route CAN cable (8) under fluid manifold. Connect cable (8) to CAN cable in heated hose assembly.

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)

6. 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.
7. Install the protective cap (4) on the unused CAN port.



Maintenance

Upgrade Software

Order 16X940 for an upgrade token. See Graco Control Architecture Module Programming manual 3A1244 for instructions.

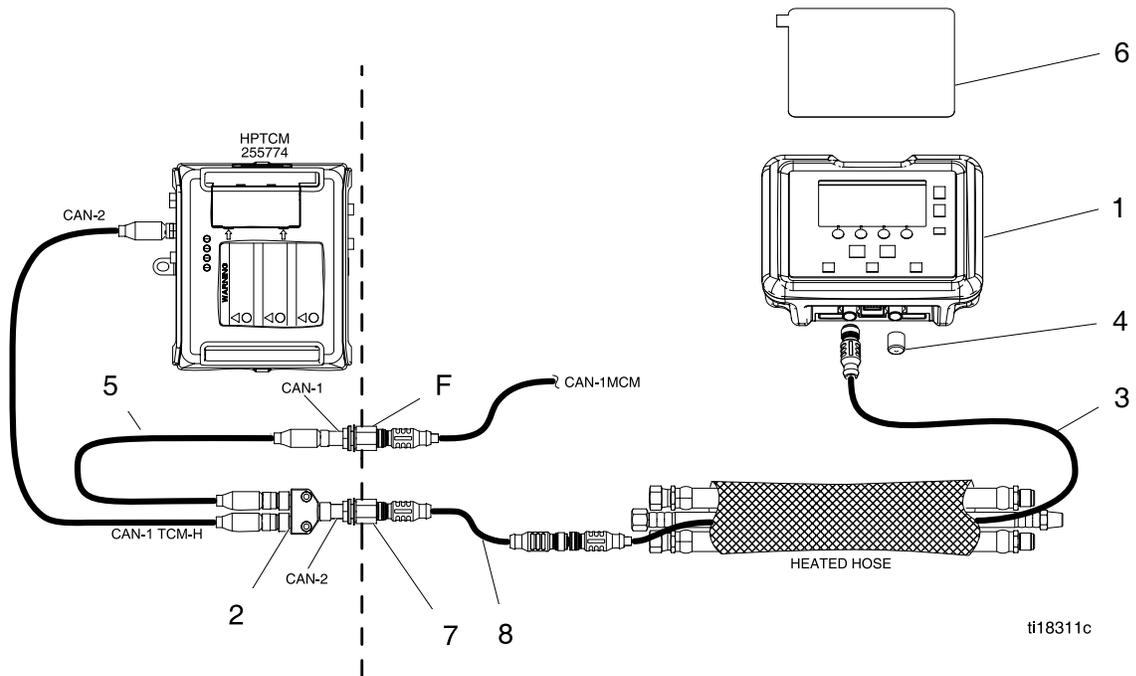
Replace Tear Off Sheet

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

Parts

24U174 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	1
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)	1
9	16X940	TOKEN, Reactor	1



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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.

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

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