

Remote Display Module Kit

3A1907E

EN

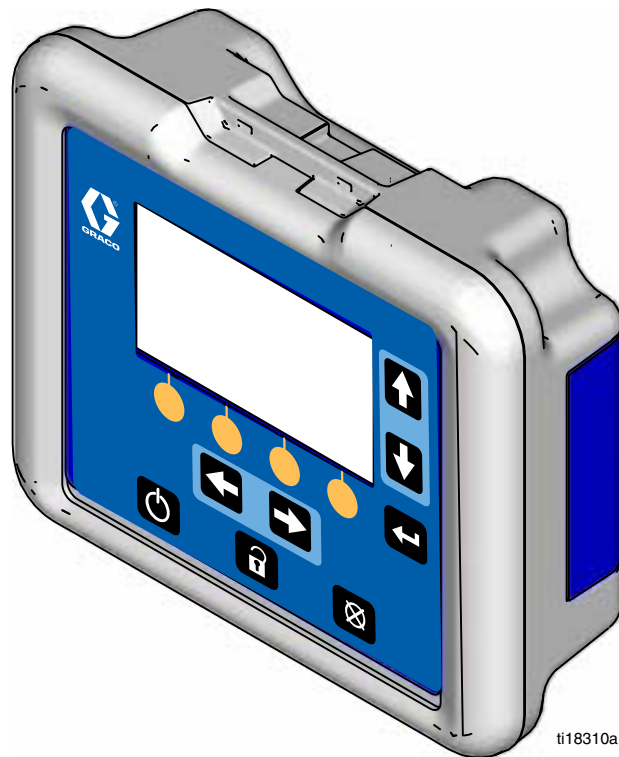
For changing system settings on a Graco Control Architecture™ controlled Reactor®. For professional use only.

24U174



Important Safety Instructions

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



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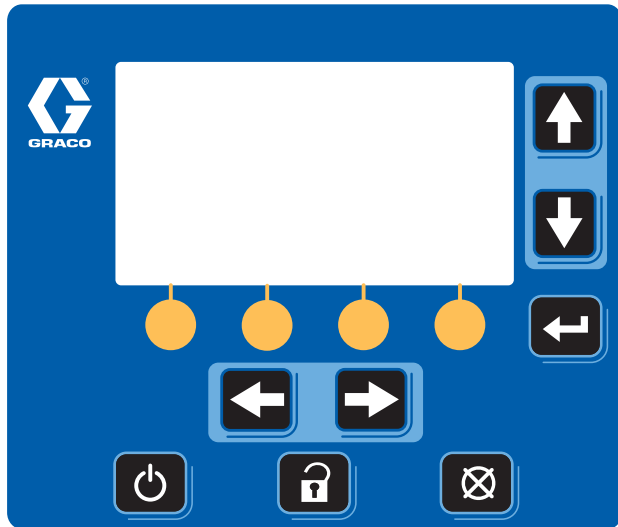
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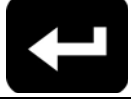

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Component Identification

NOTICE

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



Button	Function
	Activate system. 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.

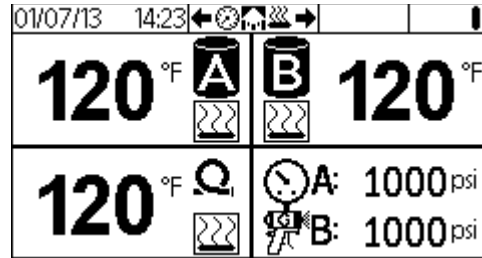
Remote Display Module Screens

ADM Not Found


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

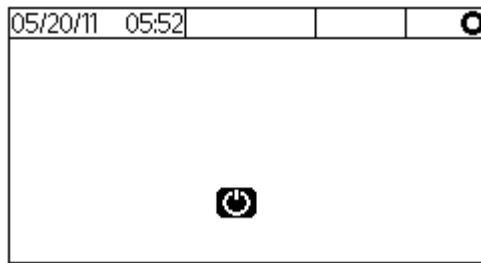





The home screen below shows A and B heat zones enabled, actual temperatures, spray pressure, and mode. The actual pressure is also shown. the A and B drum icons show an estimated amount of material inside each drum.



System Disabled

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



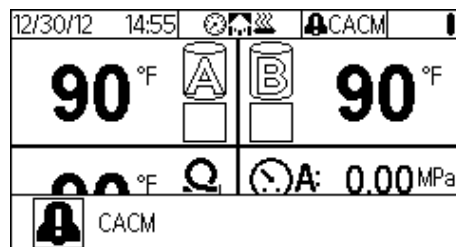
Button	Function
	Spray
	Jog
	Park

Error Display

This is the home screen with an active error. Press






to acknowledge the error.



Home Screen

The home 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.

Button	Function
	Alarm - High Priority Error
	Deviation - Medium Priority Error
	Advisory - Low Priority Error


See operation manual for more information about error codes.

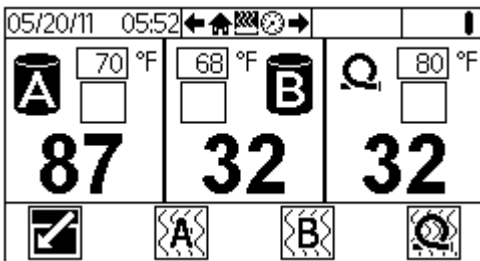
Temperature Screen






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 source 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.

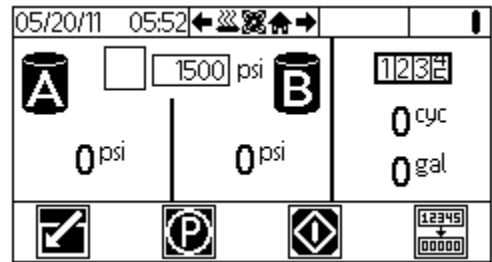







Button	Function
	Press to edit the temperature setpoints.
	Press to enable or disable the A component heat zone.
	Press to enable or disable the B component heat zone.
	Press to enable or disable the heated hose heat zone.
	Indicates that the heat zone is on. A blank box indicates that the heat zone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

Pressure Screen

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

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



Button	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

Integrated Reactor E-30i and E-XP2i

1. Shut down system. See operation manual for shut-down 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 bulkhead fitting (7). Connect CAN cable (CAN-1 TCM-H) and CAN cable (5) to splitter.
 5. Attach CAN cable (5) to bulkhead 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.

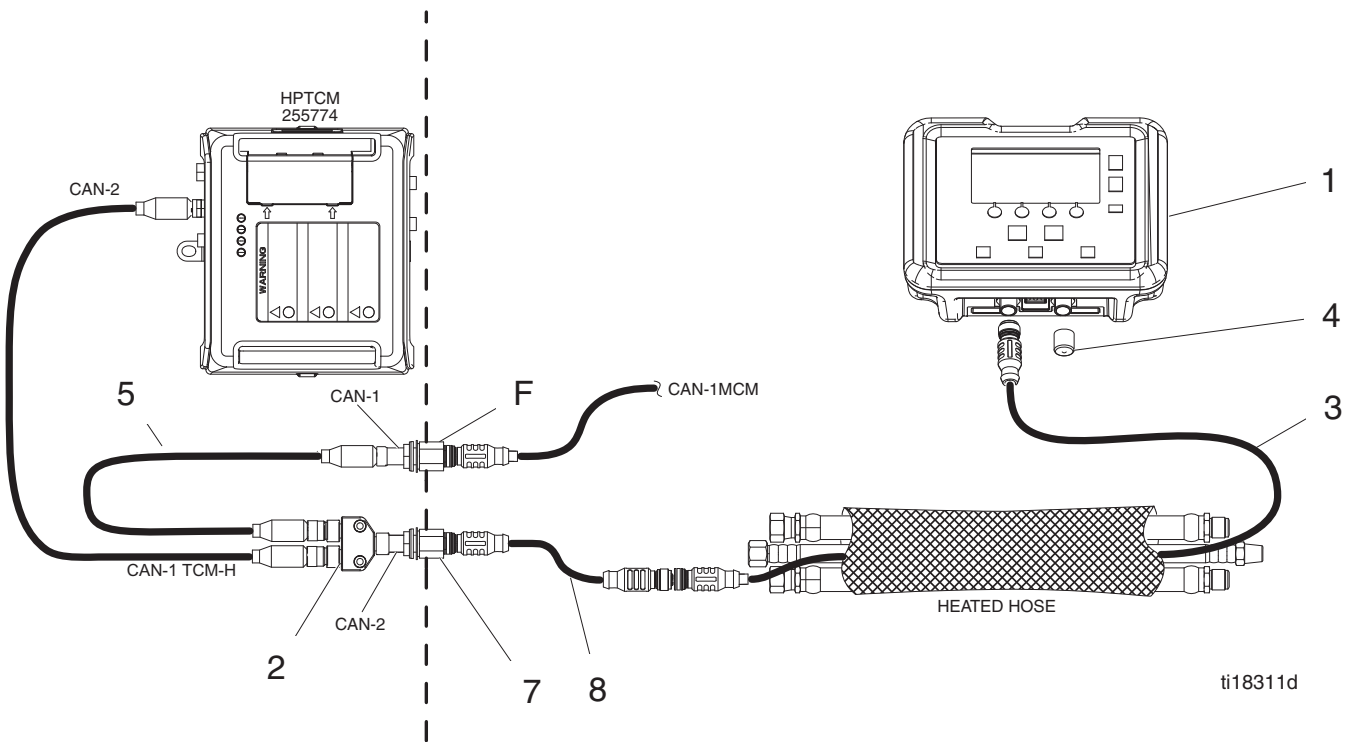


FIG. 1: Integrated Reactor E-30i and E-XP2i

Integrated Reactor 2 E-30i and E-XP2i

1. Shut down system. See operation manual for shut-down instructions.
2. Remove CAN 2 knockout from electrical enclosure and install bulkhead fitting (7).
3. Disconnect CAN cable (CAN-1 MCM) from existing bulkhead fitting (F). Leave CAN cable (CAN-1 ADM) connected to fitting.
4. Attach splitter (2) on new bulkhead fitting (7). Connect CAN cable (CAN-1 MCM) and CAN cable (5) to splitter.

5. Attach CAN cable (5) to bulkhead 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.

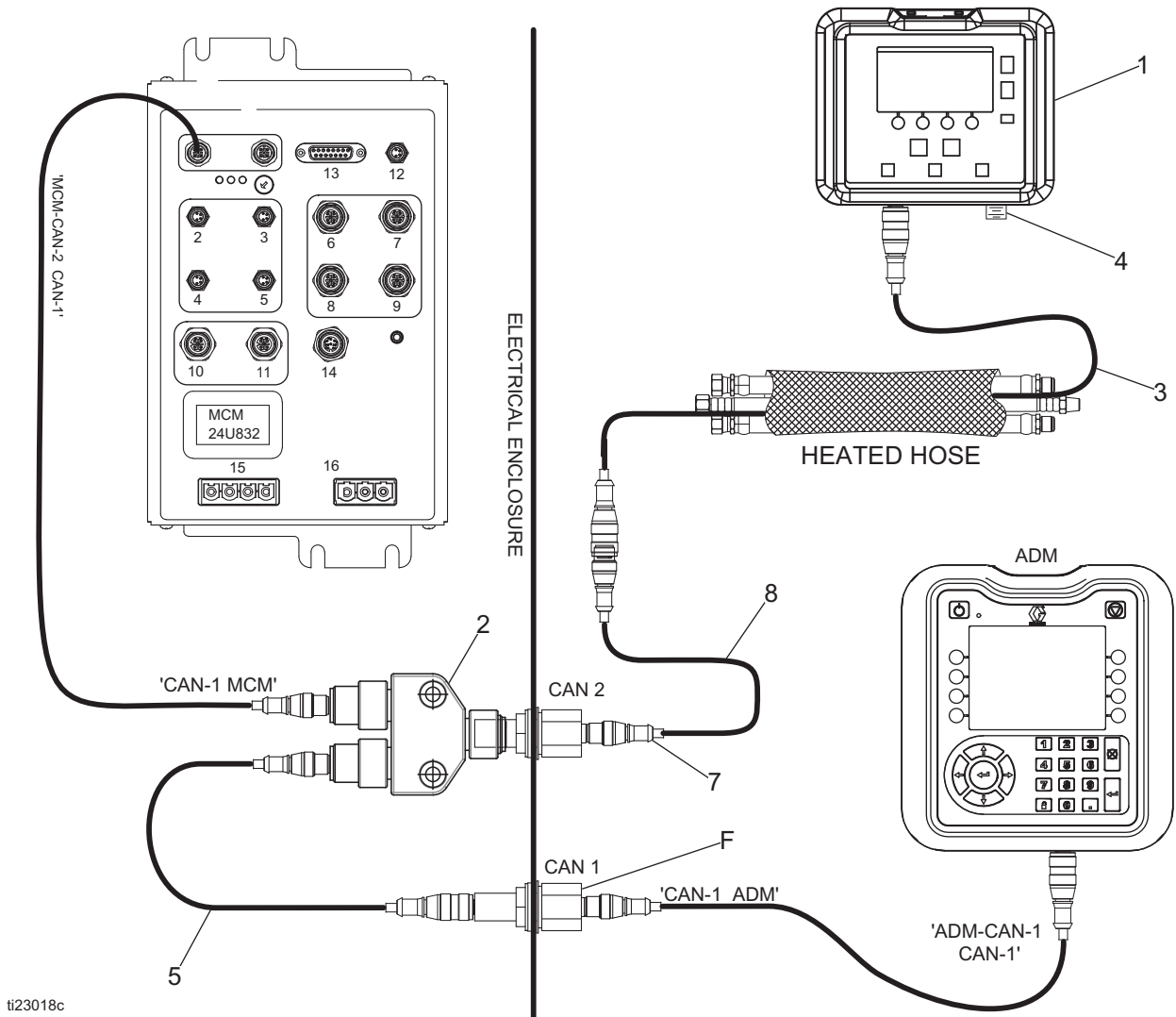


FIG. 2: Integrated Reactor 2 E-30i and E-XP2i

Reactor 2

1. Shut down system. See operation manual for shut-down 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.

NOTE: Bulkhead fitting (7) is not used for Reactor 2.

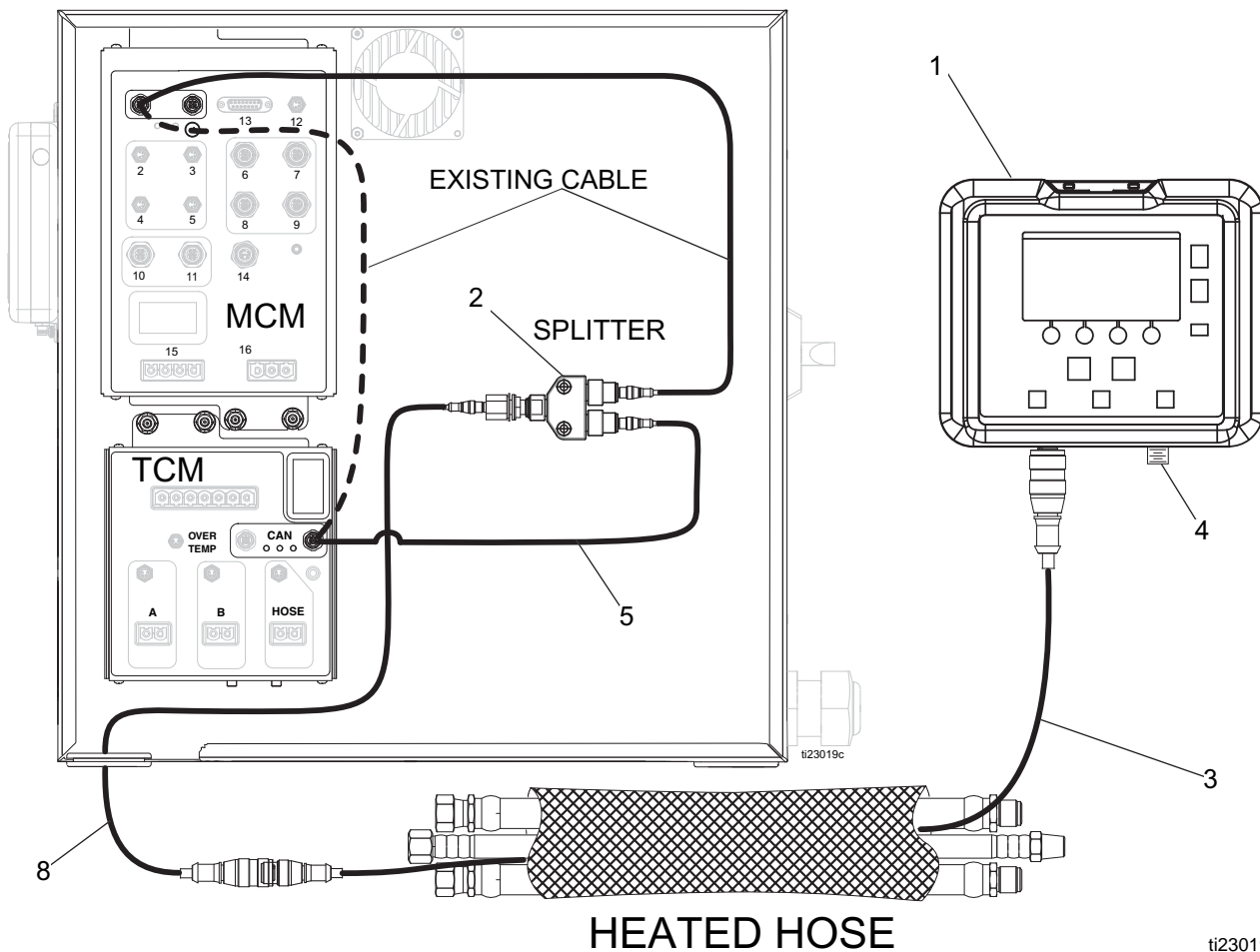


FIG. 3: Reactor 2

Maintenance

Upgrade Software

Order upgrade token (9). 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	17E206	TOKEN, Reactor	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.

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