Installation Instructions

Tracer® 10-inch Display

Order Numbers:
X13760358001 (MOD02981) Tracer 10-inch display

X39641308001

⚠ SAFETY WARNING

Only qualified personnel should install and service the equipment. The installation, starting up, and servicing of heating, ventilating, and air-conditioning equipment can be hazardous and requires specific knowledge and training. Improperly installed, adjusted or altered equipment by an unqualified person could result in death or serious injury. When working on the equipment, observe all precautions in the literature and on the tags, stickers, and labels that are attached to the equipment.

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Warnings, Cautions, and Notices

Read this manual thoroughly before operating or servicing this unit. Safety advisories appear throughout this manual as required. Your personal safety and the proper operation of this machine depend upon the strict observance of these precautions.

The three types of advisories are defined as follows:

⚠ WARNING	Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
⚠ CAUTION	Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. It could also be used to alert
NOTICE	Indicates a situation that could result in equipment or property-damage only accidents.

Important Environmental Concerns

Scientific research has shown that certain man-made chemicals can affect the earth's naturally occurring stratospheric ozone layer when released to the atmosphere. In particular, several of the identified chemicals that may affect the ozone layer are refrigerants that contain Chlorine, Fluorine and Carbon (CFCs) and those containing Hydrogen, Chlorine, Fluorine and Carbon (HCFCs). Not all refrigerants containing these compounds have the same potential impact to the environment. Trane advocates the responsible handling of all refrigerants-including industry replacements for CFCs such as HCFCs and HFCs.

Important Responsible Refrigerant Practices

Trane believes that responsible refrigerant practices are important to the environment, our customers, and the air conditioning industry. All technicians who handle refrigerants must be certified according to local rules. For the USA, the Federal Clean Air Act (Section 608) sets forth the requirements for handling, reclaiming, recovering and recycling of certain refrigerants and the equipment that is used in these service procedures. In addition, some states or municipalities may have additional requirements that must also be adhered to for responsible management of refrigerants. Know the applicable laws and follow them.

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⚠ WARNING

Proper Field Wiring and Grounding Required!
Failure to follow code could result in death or serious injury. All field wiring MUST be performed by qualified personnel. Improperly installed and grounded field wiring poses FIRE and ELECTROCUTION hazards. To avoid these hazards, you MUST follow requirements for field wiring installation and grounding as described in NEC and your local/state electrical codes.

⚠ WARNING

Personal Protective Equipment Required!
Installing/servicing this unit could result in exposure to electrical, mechanical and chemical hazards. Before installing/servicing this unit, technicians MUST put on all Personal Protective Equipment (PPE) recommended for the work being undertaken. ALWAYS refer to appropriate SDS sheets and OSHA guidelines for proper PPE. When working with or around hazardous chemicals, ALWAYS refer to the appropriate SDS sheets and OSHA guidelines for information on allowable personal exposure levels, proper respiratory protection and handling recommendations. If there is a risk of arc or flash, technicians MUST put on all necessary Personal Protective Equipment (PPE) in accordance with NFPA70E for arc/flash protection PRIOR to servicing the unit. Failure to follow recommendations could result in death or serious injury.

⚠ WARNING

Follow EHS Policies!
Failure to follow instructions below could result in death or serious injury.

- **All Trane personnel must follow the company's Environmental, Health and Safety (EHS) policies when performing work such as hot work, electrical, fall protection, lockout/tagout, refrigerant handling, etc. Where local regulations are more stringent than these policies, those regulations supersede these policies.**
- **Non-Trane personnel should always follow local regulations.**

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Mounting the Display

Note: The display is designed for conditioned indoor environments only.

- Directly by Ethernet cable
- By the optional Wi-Fi router
- On the customer network

Important: If using the Trane Wi-Fi router, the display must be powered up after the controller and router to ensure the router uses the correct default addresses for controller and the display.

The display mounts to the wall using a VESA mount. The required VESA mounting bracket size is 75 mm x 75 mm. A VESA mount (Order Number X05010511010) is shipped with the display, but any standard VESA mount should be acceptable. Bend, tilt, swivel and any other features are acceptable.

1. Select the wall space to mount the display. Mounting constraints are as follows:
   - The display must be powered continuously so mount it near an electrical outlet.
   - The display communicates to the controller using either Wi-Fi or Ethernet cable connection. Use standard Wi-Fi guidelines to select the display location.
   - The display should be accessible for any users that are allowed to make adjustments using the display.
2. Disassemble the VESA mount.
3. Install the wall section onto the wall.
4. Install the display section of the VESA mount onto the display enclosure using the 4 screws included with the VESA mount.
5. Re-assemble the VESA mount so the display is now on the wall.

Powering the Display

1. Connect the Ethernet cable from the controller to the display Ethernet Port. Or alternatively for a WiFi connection, connect the Ethernet cable from controller Port 2 to the WiFi router Port 1.
2. Plug in the display power adapter to an appropriate wall outlet.
3. If the display does not power up, then press the power switch on the back of the display.

Figure 1. Back of the Display

Power Button

Display Setup

This section describes how to setup your 10-inch display.

Important: *If using the Trane WiFi router, the 10-inch display must be powered up after the controller and router to ensure the router uses the correct default addresses for controller and the display. Alternatively, the display may be hardwired to the controller.*

Troubleshooting and Common Questions

Problem	Explanation/Resolution
Communication loss	If communication loss occurs between the controller and the display, or between the controller and the unit controllers, some elements of the screen may disappear temporarily and/or the display may restart. When this occurs, in addition to troubleshooting the communication loss, press the power button to restart the display.
Changes to site via the web interface Display Restarts	If the controller programming changes (such as schedules added, zones renamed, or graphics loaded), after the display has been started, the display should reflect the changes after a few minutes and may restart. If the display does not update in a timely manner, restart the display by pressing the power button on the back of the display.
Up or down arrow are disabled	Potential causes: • Setpoint is controlled locally at the zone sensor (such as thumbwheel). • The user does not have access to the setpoint. • The setpoint is controlled at a higher priority than controller. • The setpoint is out of the range of the limits. The range is applied to the relinquish default value of the setpoint.

For more information, see the Tracer Concierge Installation, Operation, and Maintenance manual (BAS-SVX074) or the Tracer SC+ Installation, Operation, and Maintenance manual (BAS-SVX077).