

# D344-RT Remote test/indicator plate, 24V

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Invented for life



- ▶ Highly-visible LED indicators
- ▶ Sensitivity voltage test point
- ▶ Easily mounted and wired
- ▶ Key-operated remote test and reset

Use the D344-RT Remote test/indicator plate with the:

- D340/D341/D342 Families of Duct smoke housings
- D343 (legacy product) Family Duct smoke housings
- D296/D297 Long-range beam smoke detectors

The indicator plate has:

- LEDs that indicate the detector's status and condition
- Points to read and test the sensitivity voltage
- A keyed switch that allows remote test and reset of the detector

## Functions

### Alarm Testing

Use the operating key to turn the switch to the TEST position to activate a fire alarm. Turn the switch to RESET to reset the detectors.

### Sensitivity Testing

Connect a standard volt-ohm meter (VOM) to the voltage monitor plugs on the remote test kit to check the detector's sensitivity level after installation. The voltage measurement decreases as the signal level approaches alarm. This is caused by dust or dirt buildup in the detector head smoke chamber. Refer to the detector head's installation instructions for the proper voltage levels.

## Certifications and approvals

Region	Regulatory compliance/quality marks	
USA	UL	UL 268, Smoke Detectors for Fire Alarm Systems
	CSFM	see <a href="http://www.boschsecurity.com">www.boschsecurity.com</a> (the Bosch website)
Canada	ULC	CAN/ULC-S529, Smoke Detectors for Fire Alarm Systems

## Installation/configuration notes

### Compatible Products

The D344-RT Remote test/indicator plate is compatible with the following D340, D341, D342, and D343\* Duct smoke detector housings, the D285DH Duct smoke detector, and the D296 and D297 Beam smoke detectors.

\* indicates legacy product - no longer available for purchase

### Mounting

Mount the remote test Kit on a standard double wire-mold box no more than 500 ft. (152 m) from the duct housing.

### Wiring Considerations

Connect the power card in the D340/D341/D342 or D343 (legacy product) housing to the D344-RT using eight wires. Use 18 AWG (ISO 0.75 mm<sup>2</sup>) wire or larger. The supplied test coil with wiring harness connects to the detector head and the power card of the housing.

### Parts included

Quantity	Component
1	D344-RT Remote test/indicator plate, 24V
1	Test coil with wiring harness <sup>1</sup>
1	Hardware pack
1	Literature pack

<sup>1</sup> The test coil and wiring harness are not used with the beam smoke detectors.

### Technical specifications

#### Environmental Considerations

Temperature (operating): 0°F to +130°F (-17.8°C to +54°C)

*For UL Listed requirements, the operating temperature range is +32°F to +100°F (0°C to 37.8°C).*

### Power Requirements

Voltage:	10 VDC to 32 VDC, 24 VDC nominal
Current:	
• Alarm:	15 mA at 24 VDC
• Standby:	5 mA at 24 VDC
• Test mode:	140 mA at 24 VDC

### Ordering information

#### D344-RT Remote test/indicator plate, 24V

Use with a D340/D341/D342 or D343 (legacy product) Duct smoke housing or D296/D297 Long-range beam smoke detector.

Order number **D344-RT**

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