

D344-RT Remote Test Kit

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

Use the D344-RT Remote Test Kit with the D340 Series Duct Smoke Detector Housings. The D307 Indicator Plate has LEDs that indicate the detector's status and condition, has a switch that allows remote test and reset of the detector, and has points to read and test the sensitivity voltage.

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 D307 voltage monitor plugs to check the D340 Series 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	Certification
USA	UL URRQ: Smoke - Automatic Fire Detector Accessories (UL268), URRQ7: Smoke - Automatic Fire Detector Accessories (UL268) Certified for Canada (cULus)
	CSFM see our website

Installation/configuration notes

Compatible Products

The following products are compatible with the D344-RT Remote Test and Indicator Kit:

Category	Product ID	Product Description
Duct	D340	Two-wire duct detector housing
Detector	D341	Four-wire duct detector housing (120 VAC)
Housings	D342	Four-wire duct detector housing (220 VAC and 240 VAC)
	D343	Multiplex duct detector housing

Mounting

Mount the D307 Remote Test and Indicator Plate on a standard double wiremold box no more than 500 ft (152 m) from the duct housing.

Wiring Considerations

Connect the power card in the D340 Series housing to the D307 Remote Indicator Plate using eight wires. Use 18 AWG (ISO 0.75 mm²) wire or larger. The supplied test coil with wiring harness connects to the detector head and the power card of the D340 Series Duct Detector Housing.

Parts included

Quant.	Component
1	D307 Remote Test and Indicator Plate
1	Test coil with wiring harness
1	Hardware pack
1	Literature pack

Technical specifications**Environmental Considerations**

Temperature (operating):	0°F to +130°F (-17.8°C to +54°C)
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For UL Listed requirements, the operating temperature range is +32°F to +100°F (0°C to 37.8°C).

Power Requirements

Current:	Alarm: 15 mA at 24 VDC Standby: 5 mA at 24 VDC Test mode: 140 mA at 24 VDC
Voltage:	24 VDC nominal

Ordering information**D344-RT Remote Test Kit**

Used with the D340 Series Duct Smoke Detector Housings
Order number **D344-RT**

Represented by:**Americas:**

Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:

Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:

Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:

Bosch (Shanghai) Security Systems Ltd.
201 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

America Latina:

Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com