



Model 1043-AP325

11 in. Recessed Wall and Hard-Lid Ceiling New Construction Installation Kit for Wi-Fi Access Points / Aruba AP325 Trim / Spring Attached

Category: **Envelop**



The Model 1043 Envelop™ series offers the simplest way to mount APs and antennas into new hard (drywall/sheetrock) ceilings and walls for an aesthetic, professional installation. The back-box is fastened to the ceiling joists, and the new ceiling is cut around the box. The AP or antenna fastens to the appropriate trim, and the trim attaches to the back-box with torsion springs. The AP is recessed into the ceiling much like a recessed light fixture. AP/antenna trim is easily swapped when AP/antenna brand or model changes. (Model 1043-FL recesses AP entirely behind a low-profile ABS plastic cover). See configuration guide in specs for AP-specific trims.

Patent pending

NOTE: The Aruba AP-325 (only) has a BLE (Bluetooth low energy) antenna on the back side of the AP. This BLE antenna may not provide the desired coverage when mounted in the Oberon Model 1046-AP325 enclosure. If you intend to use BLE services with the Aruba AP-325 AP in an Oberon product, please contact your Oberon customer service representative for an appropriate solution.



Features & Benefits

- Economical and easy to install
- Conveniently and quickly install APs and antennas from most vendors into new hard ceiling environments
- AP and antennas mount flush to the ceiling, providing an aesthetic, professionally installed appearance

Technical Specifications

- Design: Economical, recessed hard ceiling or wall installation kit designed for APs and antennas. For new drywall, sheetrock, gypsum board hard ceilings and walls (new construction). AP or antenna mounts in interchangeable bracket and trim, providing a professional finish. Designed for all leading vendors' APs and antennas, as identified in Oberon's model 1043 configuration guide
- Performance: UL listed for low voltage applications, and designed to meet NEC300-22 and 300-23 for plenum installations. De-rate AP operating temperature range by 10°C when mounted in enclosure
- AP/antenna bracket and trim is interchangeable for other APs or antennas, without removing back-box
- Firestop grommet for insertion into back-box, large enough for 2 Cat 6A cables
- 1 in. trade size knockouts in two walls
- Ceiling/wall bridges secure enclosure into ceiling joists

- Construction: 20 ga. galvanized steel back-box, and white, powder-coated 20 ga. steel trim. Solid back-box fills opening behind AP, creating an effective fire, smoke and dust barrier to simplify ICRA compliance. (Model 1042-FL only: Paintable, UL 94-5VA ABS Plastic cover)
- Constructed to be compliant with City of Chicago Environmental Air (CCEA) plenum requirements
- Maximum weight inside enclosure is 25 lbs.
- Size: Trim is 14.67 x 14.67 x 0.3 in. (373 x 373 x 8 mm). Back-box is 11 x 11 x 3 in. (280 x 280 x 76 mm)

Standards for Safety

- UL 2416, Audio/Video, Information and Communication Technology Equipment Cabinet, Enclosure & Rack Systems
- CSA C22.2 NO. 60950-1-07 + Amd. 1 Amd. 2 Information Technology Equipment -- Safety. Part 1, General Requirements

Measurements (Maximum values*):

- Width: 11 in.
- Height: 11 in.
- Depth: 3 in.
- Item Weight: 5 lbs.
- Shipping Weight: 6 lbs.

Includes

- (1) Galvanized steel back-box
- (1) Ceiling/ wall bridge
- (1) AP or antenna specific bracket and trim; (See Oberon's model 1043 configuration guide)
- Model 1043-FL ONLY: (1) Cisco Mounting bracket, (1) AP mount T-bar bracket, and (1) ABS plastic cover
- (1) 1 in. conduit fitting with nut
- (1) Firestop cable grommet, large enough for 2 Cat 6A cables
- (4) #6-32 X 1/2 in. white screw
- Installation instructions

Videos


 [Oberon, Inc. YouTube Channel](https://www.youtube.com/user/oberoninc) - (https://www.youtube.com/user/oberoninc)

 [1043 Installation Video](https://youtu.be/K6q8_wWA-Bg) - https://youtu.be/K6q8_wWA-Bg

Documentation Links

 [Spec Sheet](https://oberoninc.com/index.php?option=com_content&view=article&id=2447&Itemid=399) - oberoninc.com/index.php?option=com_content&view=article&id=2447&Itemid=399

 [Installation Instructions](https://oberoninc.com/images/_Instructions/Oberon_Model_1043-AP325_Instructions.pdf) - oberoninc.com/images/_Instructions/Oberon_Model_1043-AP325_Instructions.pdf

 [Customer Prints](https://oberoninc.com/images/_Customer_Prints/Oberon_Model_1043-AP325_Customer_Print.pdf) - oberoninc.com/images/_Customer_Prints/Oberon_Model_1043-AP325_Customer_Print.pdf

 [SECTION 27_21_33 DATA COMMUNICATIONS WIRELESS ACCESS POINTS](https://oberoninc.com/images/WebDocs/SECTION_27_21_33_DATA_COMMUNICATIONS_WIRELESS_ACCESS_POINTS.pdf)
https://oberoninc.com/images/WebDocs/SECTION_27_21_33_DATA_COMMUNICATIONS_WIRELESS_ACCESS_POINTS.pdf

Additional Information

 For Oberon product CAD files, contact customer service

Configurations: Model 1043

AP or antenna specific trim is included with the product; please specify the SKU required when ordering.

Note: The trim is interchangeable after installation. Please see configuration guide for retrofit trim P/N options.

1043-

SPECIFY AP TRIM
 (see Configurations)

SKU	Description	Retrofit trim P/N
 1043-AP215	Trim with torsion spring for Aruba Networks AP215	37-104X-AP215-F
 1043-AP225	Trim with torsion spring for Aruba Networks AP225 or Front attach Screw on trim for Aruba Networks AP25	37-104x-AP225-S2 or 37-104x-AP225-F
 1043-AP305	Trim with torsion spring for Aruba Networks AP305	37-104X-AP305-S2
 1043-AP315	Trim with torsion spring for Aruba Networks AP315 or Front attach Screw on trim for Aruba Networks AP315	37-104x-AP315-S2 or 37-104x-AP315-F
 1043-AP325	Trim with torsion spring for Aruba Networks AP325 or Front attach Screw on trim for Aruba Networks AP325	37-104x-AP325-S2 or 37-104x-AP325-F
 1043-AP335	Trim with torsion spring for Aruba Networks AP335 or AP345 or Front attach Screw on trim for Aruba Networks AP335 or AP345	37-104x-AP335-S2 or 37-104x-AP335-F
 1043-CCOAP	Trim with torsion spring for Cisco 2600, 2700, 3500, 3600, 3700 Series APs	37-104X-CCOAP-S2
 1043-CCOAP3800	Trim with torsion spring for Cisco 2800, 3800 Series APs	37-104X-CCOAP3800-S2
 1043-COAP4800	Trim with torsion spring for Cisco 4800 Series APs	37-104X-COAP4800-S2
 1043-ANTMNT	Trim with torsion spring with knockouts to support external antennas	37-104X-ANTMNT-S2



1043-BLANK

Blanking plate to temporarily fill cutout in ceiling

37-104X-BLANK-F



1043-FL

Low profile white ABS snap on cover

37-104X-FL

For old construction, refer to the [Model 1042 Series](#)

Images and documents may depict similar models in the product series.