

Installation and Assembly - Round Ceiling Plate

Models: ACC 570, ACC 570S, ACC 570W

Note: Read entire instruction sheet before beginning installation and assembly.

Warning: Installer must verify that the ceiling will safely support the combined weight of all attached equipment and hardware.

IMPORTANT: Certain ceilings require additional mounting hardware...

CEILING CONSTRUCTION	ADDITIONAL HARDWARE REQUIRED
Wood Joist, Wood Beam	none
Concrete	Concrete Anchor Kit - <i>order accessory kit ACC 203.</i>

Maximum load capacity:
150 lb (68 kg)

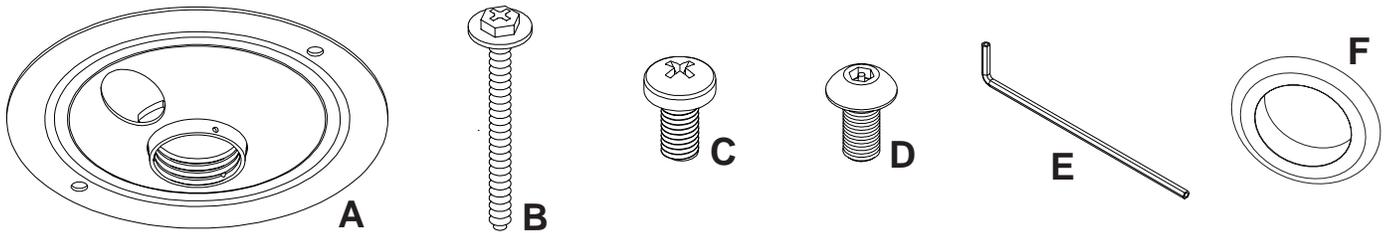
Warning: combined weight of the equipment and hardware attached to this ceiling plate is not to exceed maximum load capacity.



This product is intended for use with UL Listed products and must be installed by a qualified professional installer.

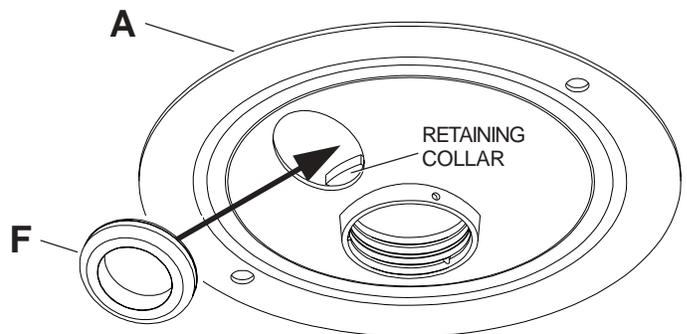
Parts List

Description	Qty.	ACC 570	ACC 570S	ACC 570W
		Part #	Part #	Part #
A round ceiling plate	1	055-1068	055-4068	055-2068
B #14 x 2.5" (6 mm x 65 mm) wood screw	2	5S1-015-C03	5S1-015-C04	5S1-015-C04
C M5 x .8 x 10 mm phillips screw	1	520-9250	520-2005	520-2005
D M5 x .8 x 10 mm socket pin screw	1	520-1164	520-2031	520-2031
E 4 mm allen wrench	1	560-9646	560-9646	560-9646
F rubber grommet	1	530-9401	530-9401	530-9401



1 Place grommet (F) into hole of ceiling plate (A).

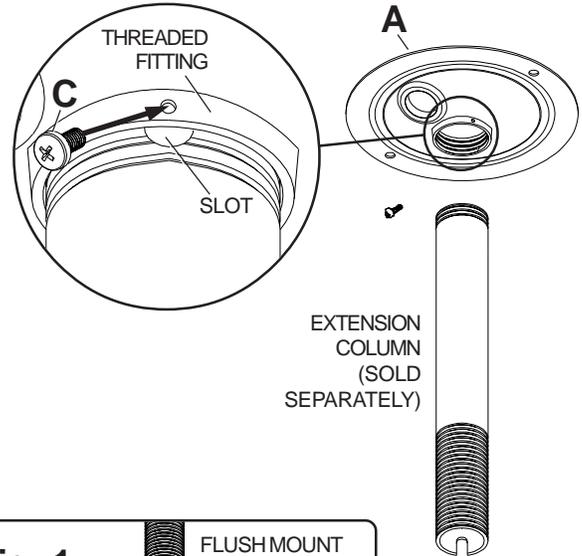
Note: Make sure grommet overlaps retaining collar. Grommet may require some force to fit in hole and will appear slightly deformed.



2 For extension column applications, insert end of extension column into threaded fitting of ceiling plate (A). Tighten four or five complete turns. Align slot in extension column with one of the small holes in the side of the threaded fitting. Insert and tighten one M5 x 10 mm phillips screw (C) into hole to lock extension column to threaded fitting.

Note: For security option, use M5 socket pin screw (D) in place of screw (C). Tighten using 4 mm allen wrench (E).

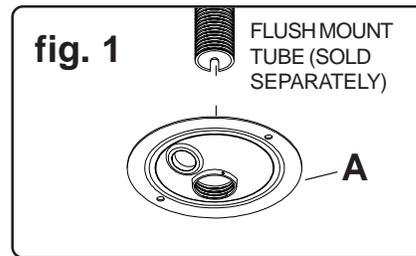
Warning: For safety, extension column must be locked to threaded fitting with screw.



3 For flush mounting applications, screw flush mount from top of ceiling plate (A) as shown in figure 1. Tighten four or five complete turns. Align slot in flush mount tube with one of the small holes in the side of the threaded fitting. Insert and tighten one M5 x 10 mm phillips screw (C) into hole to lock flush mount tube to threaded fitting.

Note: For security option, use M5 socket pin screw (D) in place of screw (C). Tighten using 4 mm allen wrench (E).

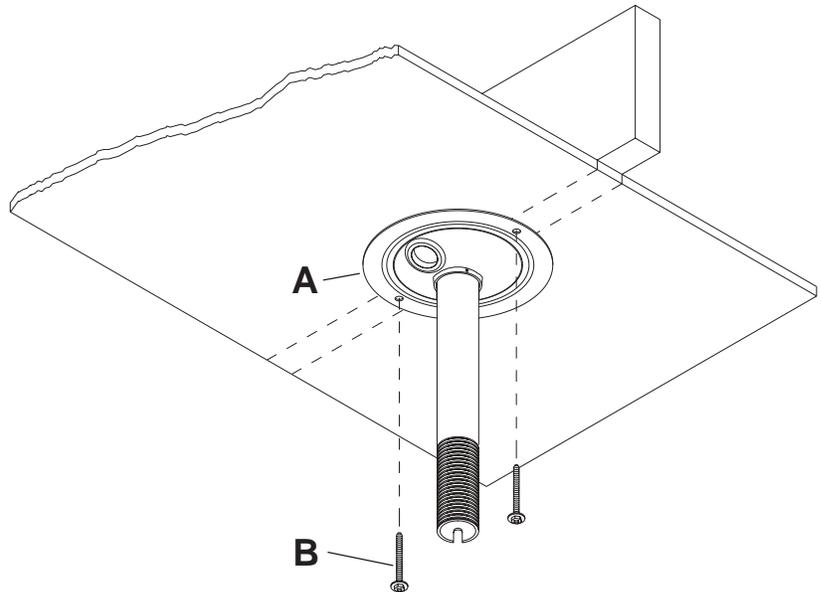
Warning: For safety, flush mount tube must be locked to threaded fitting with screw.



4 For wood joist finished ceilings, exposed wood joists, or wood beam ceilings, drill two 5/32" (4 mm) dia. holes to a minimum depth of 2.5" (64 mm). Attach ceiling plate (A) to the joist center using two #14 x 2.5" (6 mm x 65 mm) wood screws (B) as shown. Tighten wood screws (B) using 3/8" (10 mm) socket wrench so ceiling plate (A) is firmly attached.

Warnings:

- Do not tighten with excessive force. Over-tightening can cause stress damage to wood screws (B) greatly reducing their holding power. Tighten to 80 in • lb (9 N.M.) maximum torque.
- It is the responsibility of the installer to verify that the ceiling will safely support the combined load of all attached hardware and components.
- Be sure to drill holes into the joist center for maximum holding power.



5

Note: Concrete must be 2000 psi density minimum.

For concrete ceilings, use ceiling plate (A) as a template to mark holes. Drill 1/4" (6 mm) dia. holes to a minimum depth of 2.5" (64 mm). Insert two anchors (ACC 203) in holes flush with ceiling as shown in figure 2.1.

Place ceiling plate (A) over anchors and secure with #14 x 2.5" (6 mm x 65 mm) wood screws (B). Tighten wood screws (B) using 3/8" (10 mm) socket wrench to firmly attach ceiling plate (A). See figures 2.2 and 2.3.

Warnings:

- Do not tighten with excessive force. Overtightening can cause stress damage to wood screws (B) greatly reducing their holding power. Tighten to 80 in • lb (9 N.M.) maximum torque.
- It is the responsibility of the installer to verify that the ceiling will safely support the combined load of all attached hardware and components.

Warning: For direct attachment to load bearing concrete only. Concrete anchors are not intended for attachment to concrete ceilings covered with a layer of plaster, drywall, or other finishing material. If mounting to a concrete ceiling covered with plaster/drywall is unavoidable, plaster/drywall (up to 5/8" thick) must be counterbored as shown below. If plaster/drywall is thicker than 5/8", installer must supply custom fasteners.

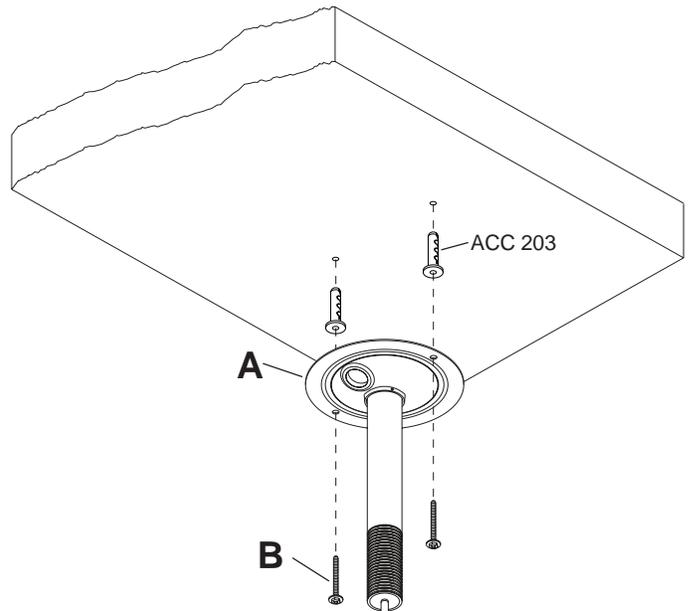
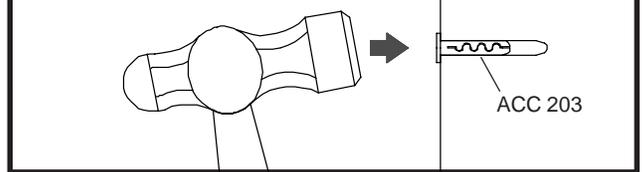
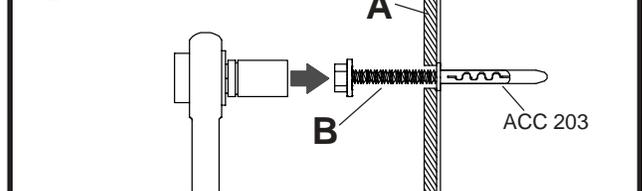


fig. 2.1



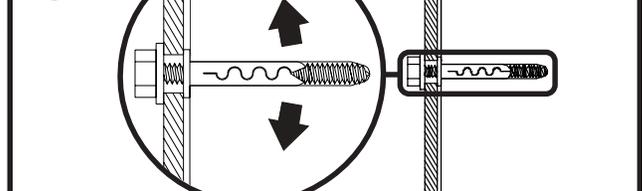
Drill holes and insert anchors.

fig. 2.2



Place ceiling plate (A) over anchors and secure with screws (B).

fig. 2.3



Tighten all fasteners.

