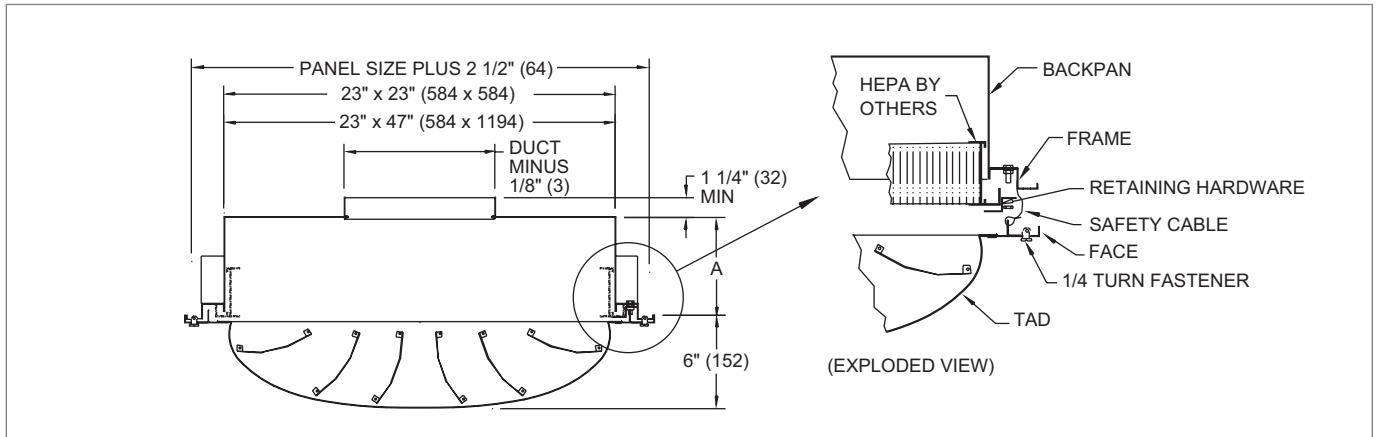
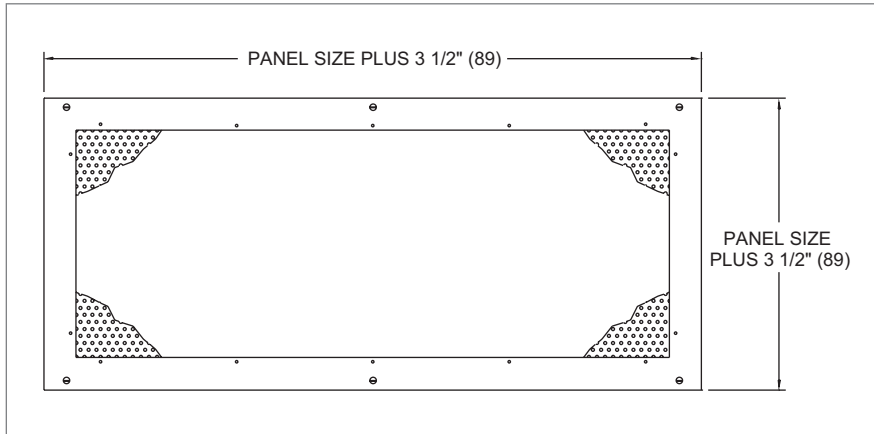


TADHF, TADSSHF Dimensional Information

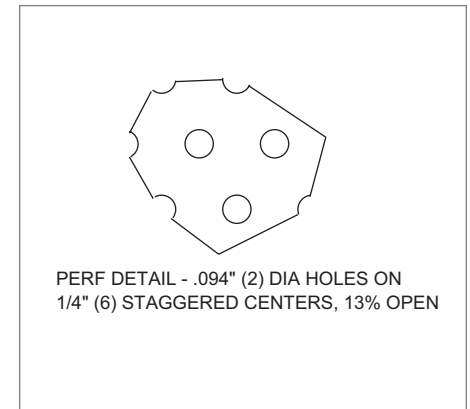
TADHF, TADSSHF, 24"x24" & 24"x48" PANEL, 2-WAY (180° DISCHARGE AIR PATTERN)



TADHF, TADSSHF, 24"x24" & 24"x48" PANEL, FACE VIEW



TADHF, TADSSHF, PERFORATED FACE DETAIL



TADHF, TADSSHF, 2-WAY AVAILABLE SIZES

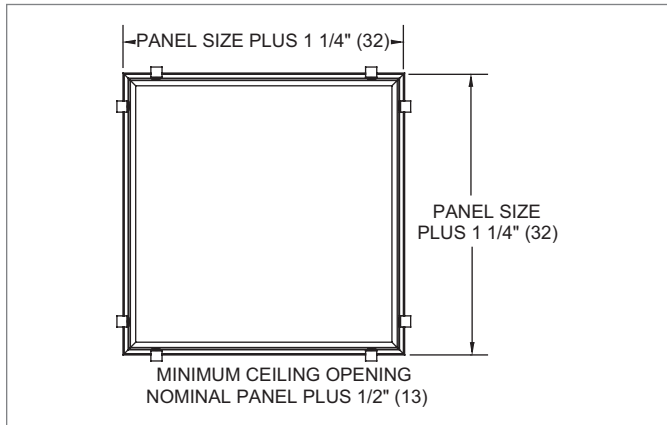
Panel Size	A	Duct Size
24" x 24" (610 x 610)	6 1/16" (154)	8" (203)
24" x 48" (610 x 1219)	6 13/16" (173)	10" (254)
24" x 48" (610 x 1219)	7 9/16" (192)	12" (305)

NOTES: Dimensions in parentheses are mm. Standard construction is aluminum. Stainless steel is available. Safety cables standard (4 per unit). Recommended filter: AAF AstroCel® II LPD Series 85 or equal. See page B3-6 for filter guidelines.

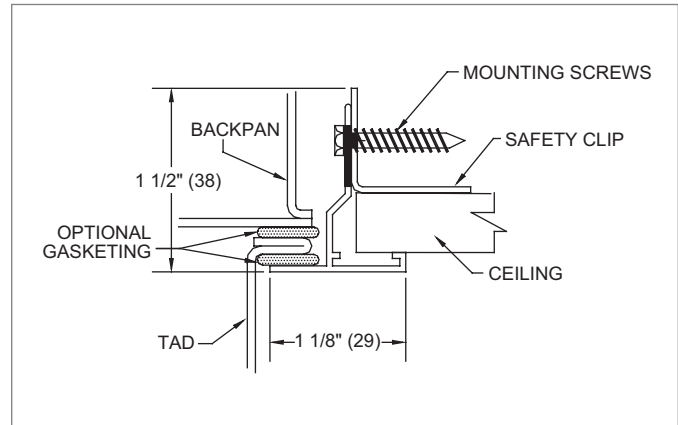
* AstroCel® is a registered trademark of American Air Filters.

TAD, TADSS, TADHF, TADSSHF Mounting Details

TAD, TADSS, SURFACE MOUNT FRAME, FACE VIEW

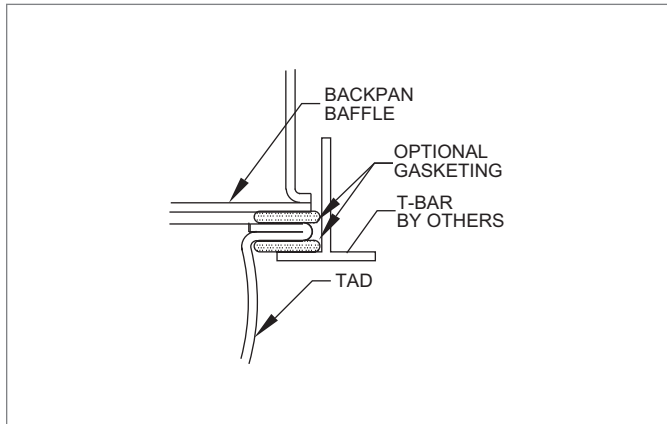


TAD, TADSS, SURFACE MOUNT FRAME DETAIL



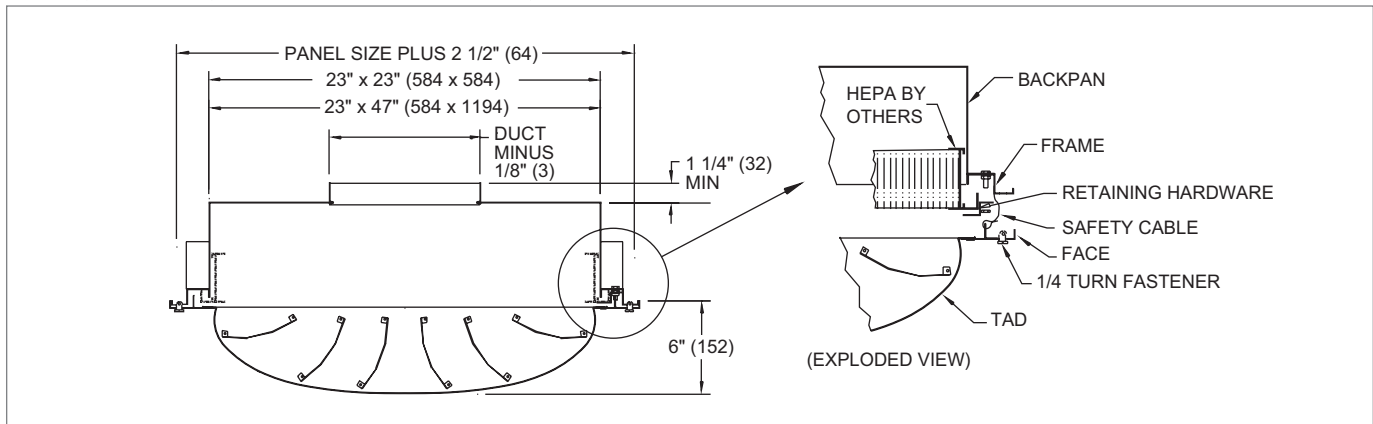
NOTES: Dimensions in parentheses are mm. Surface mount to hard ceiling. Mounting frame screws and security clips are shipped loose for field installation. Mounting frame construction is aluminum (Model 5HCF23). Mounting frame finish is British White. Mounting frame is not available with models TADHF or TADSSHF.

TAD, TADSS, SURFACE MOUNT FRAME, FACE VIEW



NOTES: Dimensions in parentheses are mm. Optional gaskets are shipped loose for field installation.

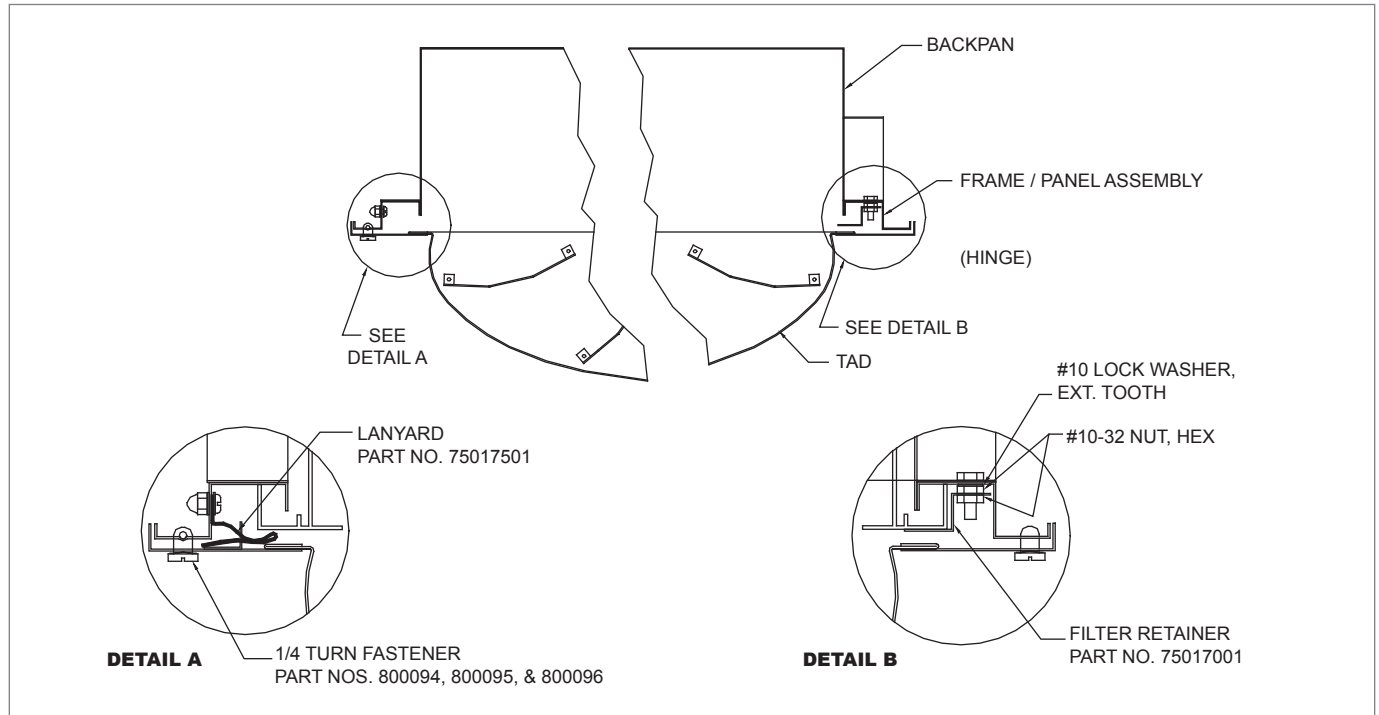
TADHF, TADSSHF, SURFACE MOUNT FRAME, FACE VIEW



NOTES: Dimensions in parentheses are mm. Surface mount to hard ceilings. Not designed for use in lay-in T-bar applications. 1/4 Turn fasteners (on four sides) release face even when TADHF is installed side-by-side.

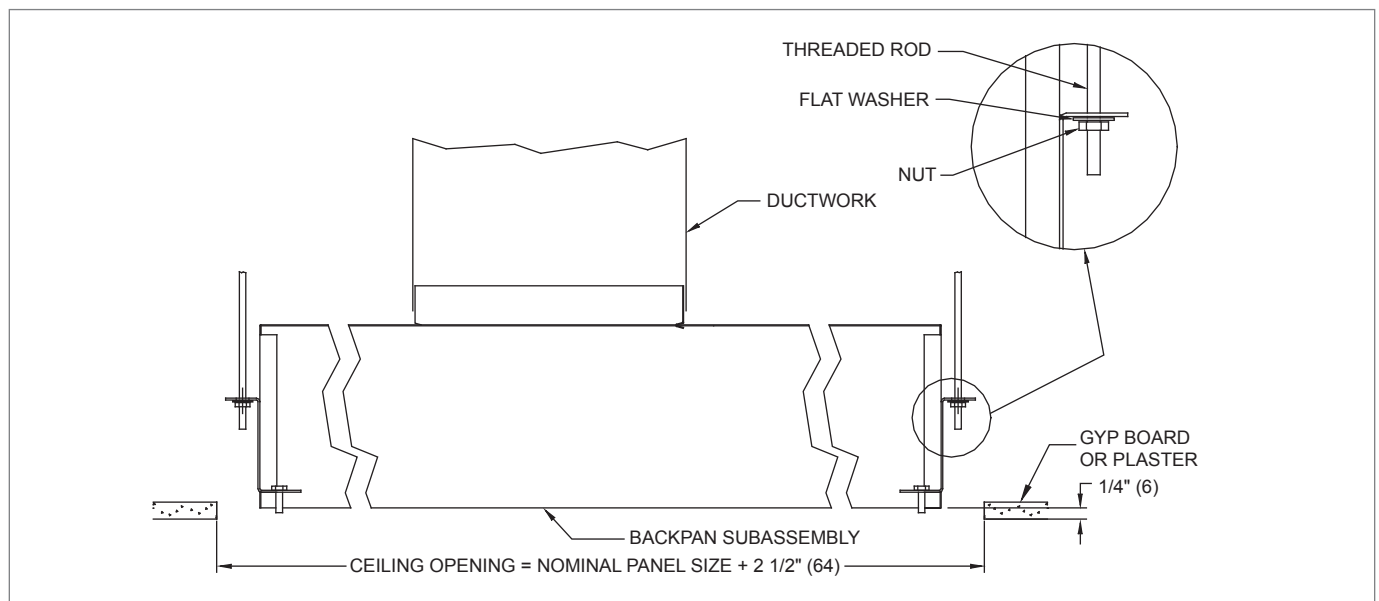
TADHF, TADSSHF Installation Details

TADHF/TADSSHF INSTALLATION STEP 1: PREPARE



NOTES: Remove TADHF from crate and separate from packing material. Open the face of the unit by releasing the 1/4 turn fasteners. The fasteners are located on the sides of the face. Unhook the lanyard from the lanyard clip (See Detail A). Remove the face subassembly. Set aside for re-installation. Note that if you have access to the plenum space, you may now hang the unit with the frame in place. Skip the necessary steps below. If you do not have access to the space, continue with the following steps. Remove the filter retainer, assembly hardware, and subassembly. Set aside for re-installation.

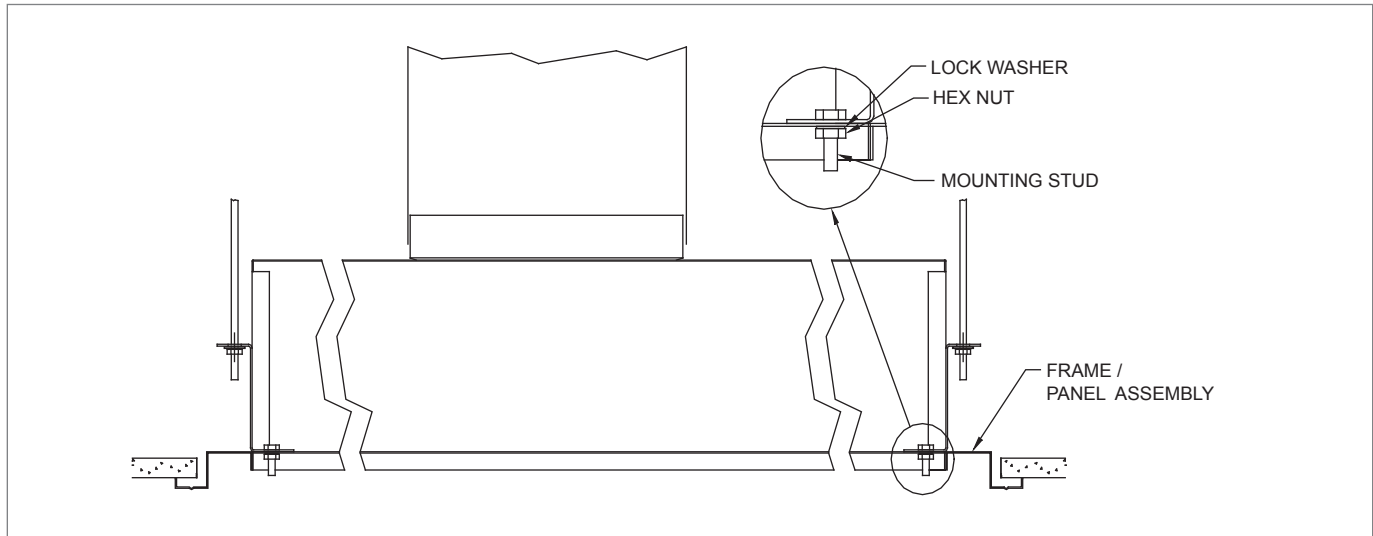
TADHF/TADSSHF INSTALLATION STEP 2: HANG BACKPAN



NOTES: Lift the backpan assembly into the ceiling opening and locate on the pre-installation hanger rods. Attach with flat washer and nut. (Hanger rods and hardware are by others.) Adjust to locate the edge of the backpan within approximately 1/4" (6) of the finished ceiling surface. Fasten and seal duct work as required. (Duct work and hardware are by others.)

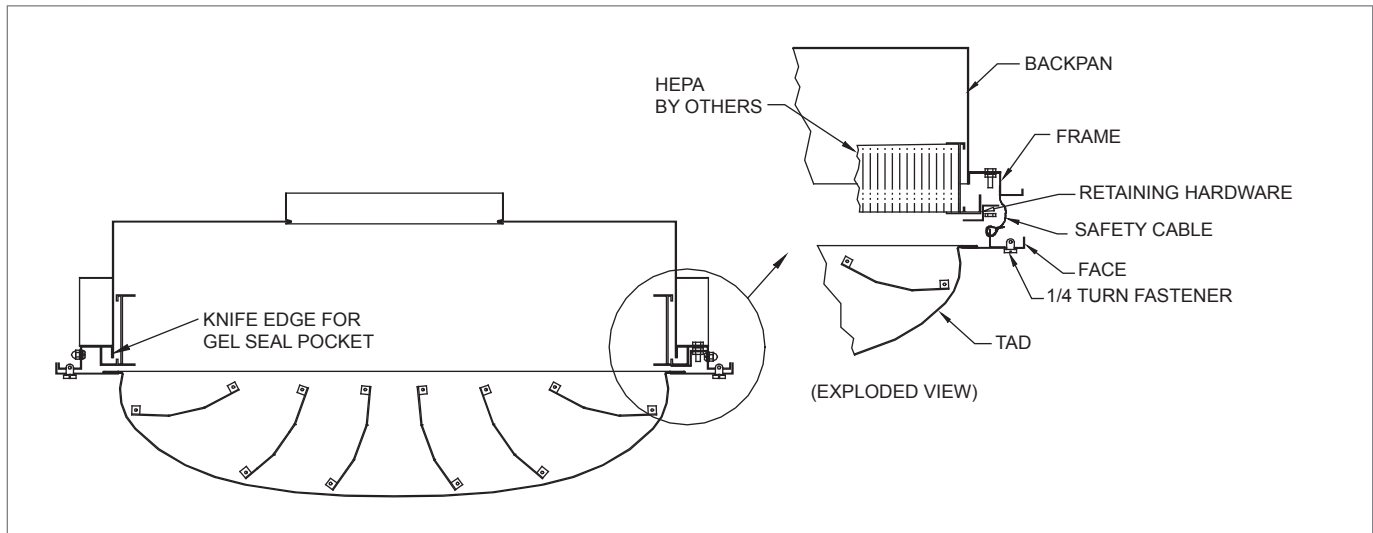
TADHF, TADSSHf Installation Details (Continued)

TADHF, TADSSHf INSTALLATION STEP 3: INSTALL FRAME



NOTES: Reinstall frame / panel assembly on mounting studs in the backpan hanger brackets. Remove frame and readjust backpan as required. Reinstall the hex nuts and lock washers that were set aside from Step 1, making sure the frame/panel assembly is snug against the ceiling.

TADHF, TADSSHf INSTALLATION STEP 4: COMPLETE INSTALL



NOTES: Install appropriate size and model HEPA filter into the backpan. The backpan perimeter must seat into the gel channel in accord with the filter manufacturer's instructions. Reinstall the filter retainer that was set aside in Step 1. Reinstall the face subassembly that was set aside in Step 1. Use care while orienting the TAD in the desired direction. Rehook lanyards over the lanyard clips, being sure that the snap is completely engaged. Close the unit by capturing the frame with the 1/4 turn fasteners. Rotate the head 90° until you feel the pin completely seat.