



Technical Bulletin

EXTREME (Bolted) Cargo Tray

Our Technical Bulletins are provided to inform you of design options, design improvements, standard sizes and changes, different models, applications, installation, operation and maintenance.

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The R•O•M EXTREME Cargo Tray was designed to improve functionality while providing corrosion resistance, weight reduction, and easy installation.

Straight pullout models include:

- 70% extension -1000 lb. load capacity – upper or lower slides
- 100% extension - 600 lb. load capacity – upper slides
- 70% extension Dual Directional - 1000 lb. load capacity – upper slides

Tilt pullout models include:

- 90% extension -250 lb. load capacity – upper or lower slides
- The tilt angle is approximately twenty-five degrees.

The “**EXTREME Upper Slide**” option allows for a 4-sided formed tray to be attached to the top flanges of the carriage rails. This will enable the end user to order a tray from R•O•M or fabricate their own standard size or oversize tray. Deck height for this option is approximately 4”.

The “**EXTREME Lower Slide**” option includes a 2-sided formed tray that attaches to the bottom flanges of the carriage rails. This option integrates the rails to complete the enclosed tray, and is standard on 70% Straight and 90% Tilt Lower options. Deck height for this option is approximately 1 7/8”. This option is only available on the 70% Straight & 90% Tilt.

External or Internal mounting options are available on all models.

R•O•M Extreme Cargo Tray models feature a full width pull handle for rapid response applications. The Straight Pullout model incorporates latching in opened and closed positions, including the Dual Directional with latching in the intermediate position, 35% open and 70% open in both directions. The Tilt Pullout model latches only in the closed position. Material compositions are heavy duty aluminum and corrosion resistant zinc plated hardware. Unique heavy duty v-groove bearings reduce binding for smooth operation.

Please provide this information to your engineering, manufacturing, sales and marketing departments, and to your dealers.

Compartment size limits are as follows:

70% Straight Pullout (S7UE & S7UI):

Minimum Door Opening Width = 19"
 Maximum Door Opening Width = 60"
 Minimum Internal Compartment Depth = 18"
 Maximum Internal Compartment Depth = 62 3/4"

100% Straight Pullout (S1UE & S1UI):

Minimum Door Opening Width External Mount (S1UE) = 23"
 Minimum Door Opening Width Internal Mount (S1UI) = 19"
 Maximum Door Opening Width = 60"
 Minimum Internal Compartment Depth = 24 1/4"
 Maximum Internal Compartment Depth = 62 3/4"

90% Tilt Pullout (T9UE & T9UI):

Minimum Door Opening Width = 19"
 Maximum Door Opening Width = 60"
 Minimum Internal Compartment Depth = 18"
 Maximum Internal Compartment Depth = 50 3/4"

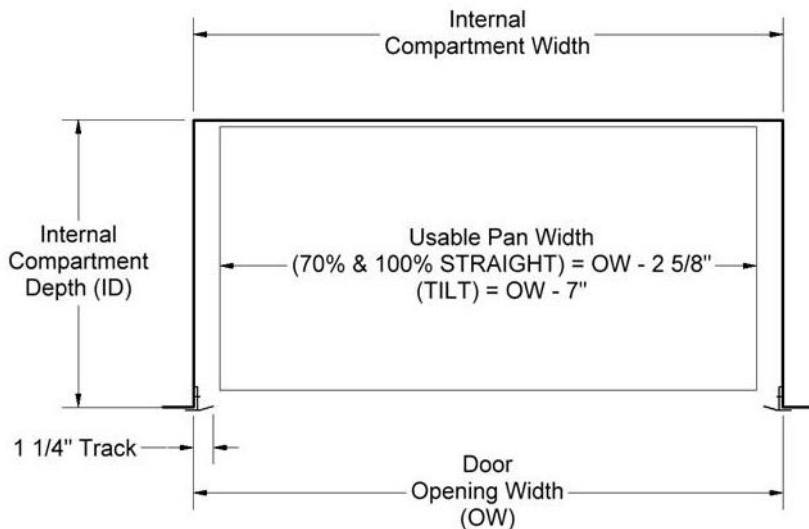
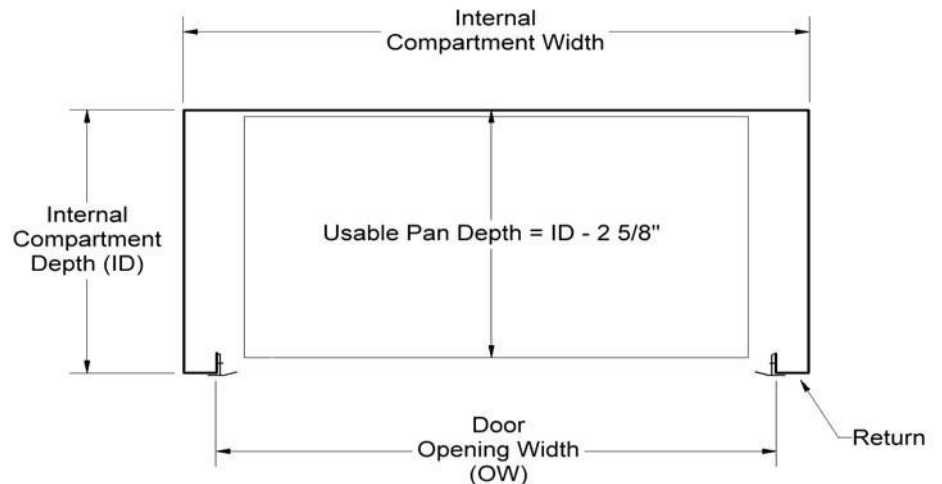
70% Dual Directional (D7UE & D7UI):

Minimum Door Opening Width External Mount (D7UE) = 23"
 Minimum Door Opening Width Internal Mount (D7UI) = 19"
 Maximum Door Opening Width = 60"
 Minimum Internal Compartment Depth = 57 1/2"
 Maximum Internal Compartment Depth = 107 1/2"

Customers can also order based on exact cargo tray dimensions, instead of compartment sizes.

Figures 1A & 1B illustrate critical reference dimensions for the 100% Straight, 70% Straight, and 90% Tilt Upper Bolted Option:

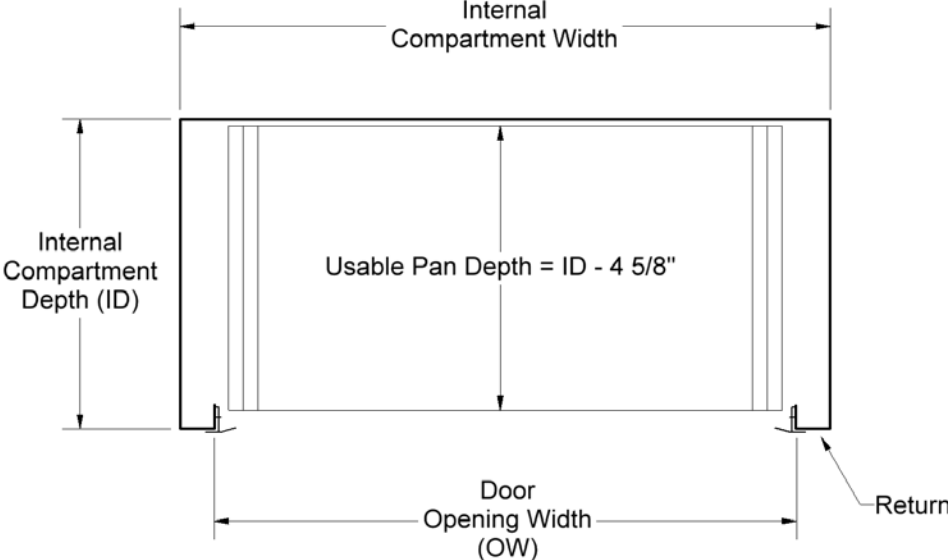
**FIGURE 1A
(with return)**



**FIGURE 1B
(no return)**

Figures 2A & 2B illustrate critical reference dimensions for the 70% Straight and 90% Tilt Lower Bolted Option:

**FIGURE 2A
(with return)**



**FIGURE 2B
(no return)**

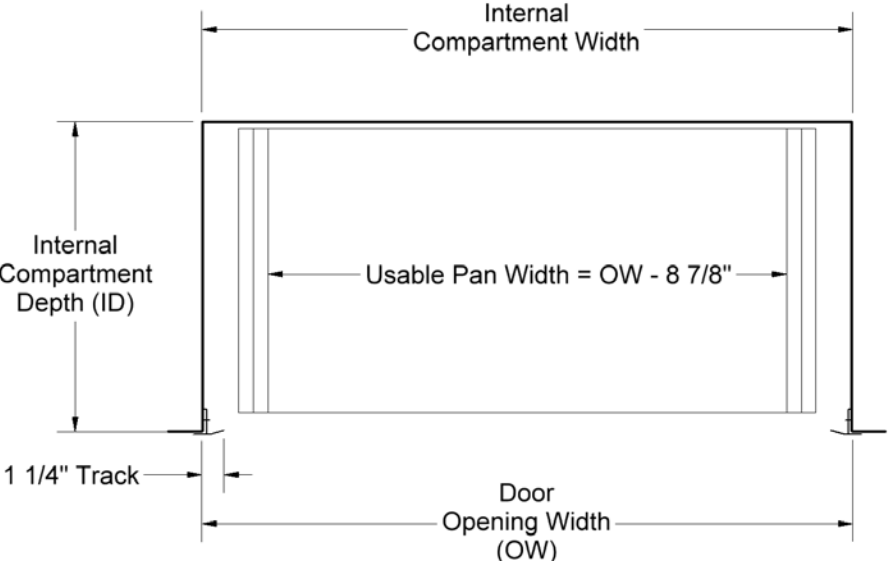


Figure 3 illustrates critical reference dimensions for the **70% Dual Directional Option for return and no return:**

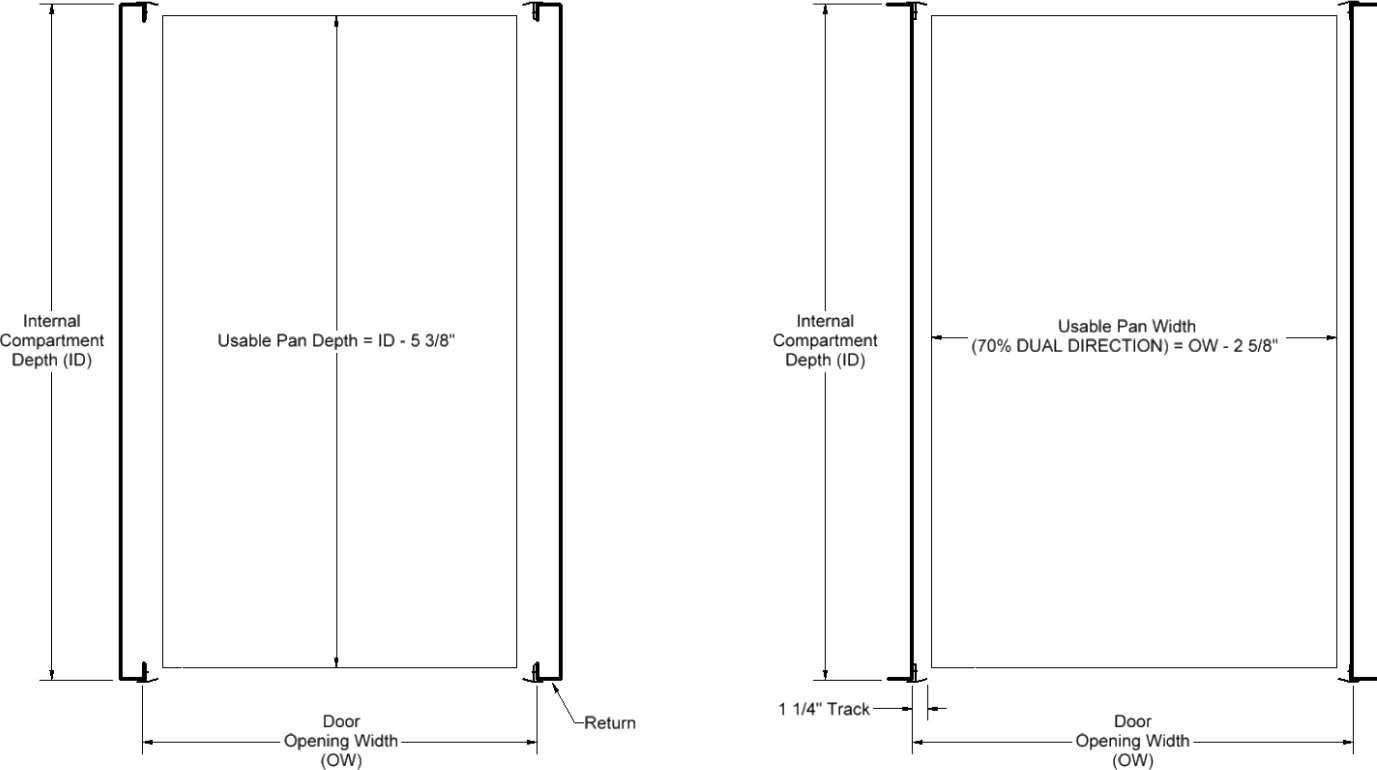


FIGURE 3