

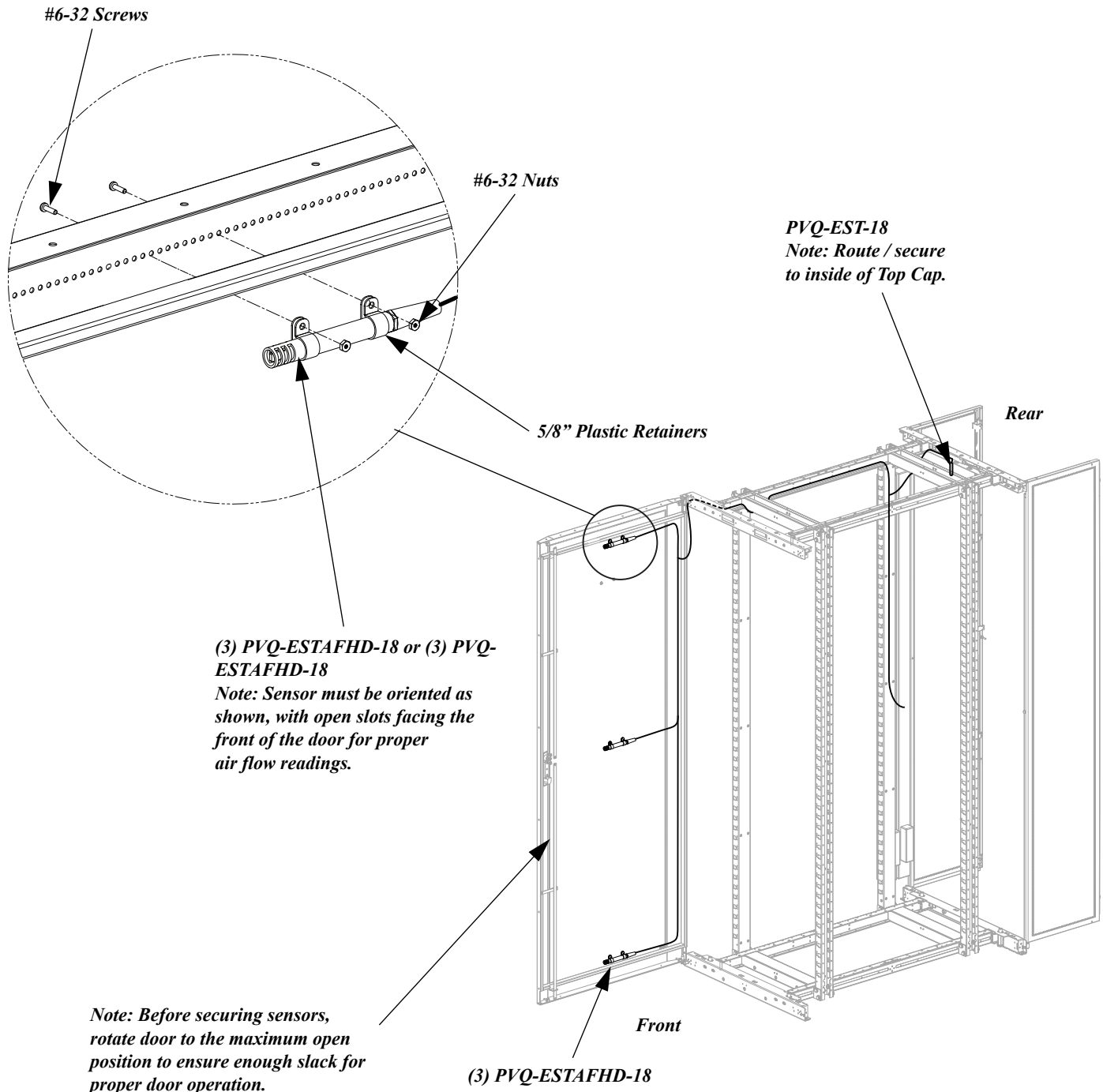
INSTRUCTIONS CM630

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Installation of Environmental Sensors

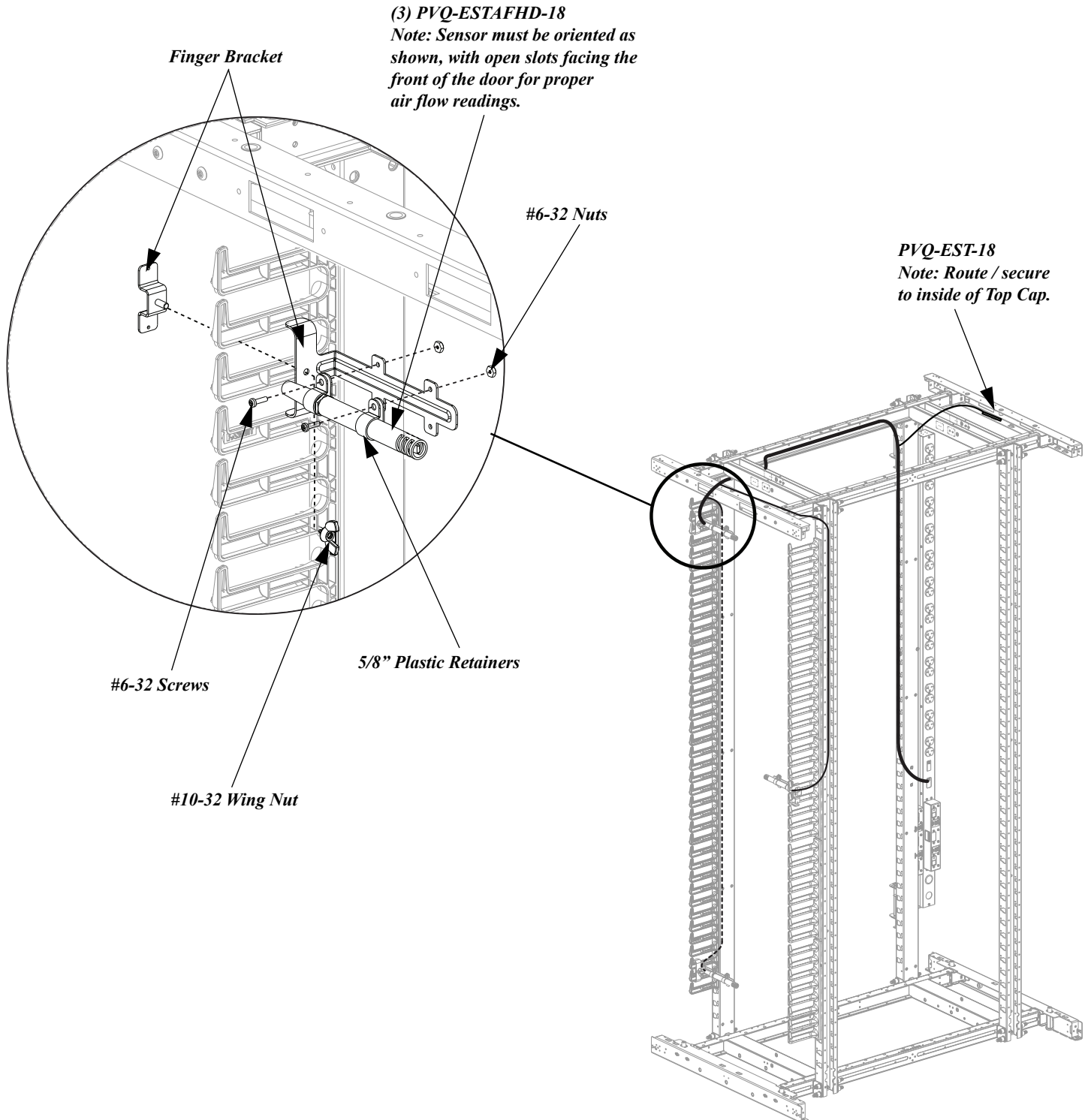
Recommended sensor placement includes (3) temperature / humidity / airflow / dew-point sensors and (1) Temperature Sensor.

- Install (3) PVQ-ESTAFHD-18 sensors to the front door using (6) 5/8" plastic retainers, (6) #6-32 screws, (6) #6-32 nuts (or cable ties for PVQ-EST-18 sensors).
- Route cable on door using small clips (ACC19-AV-M300).
- Install (1) temperature sensor in the rear of cabinet, route cable using cable ties.
- Route cable using cable ties.



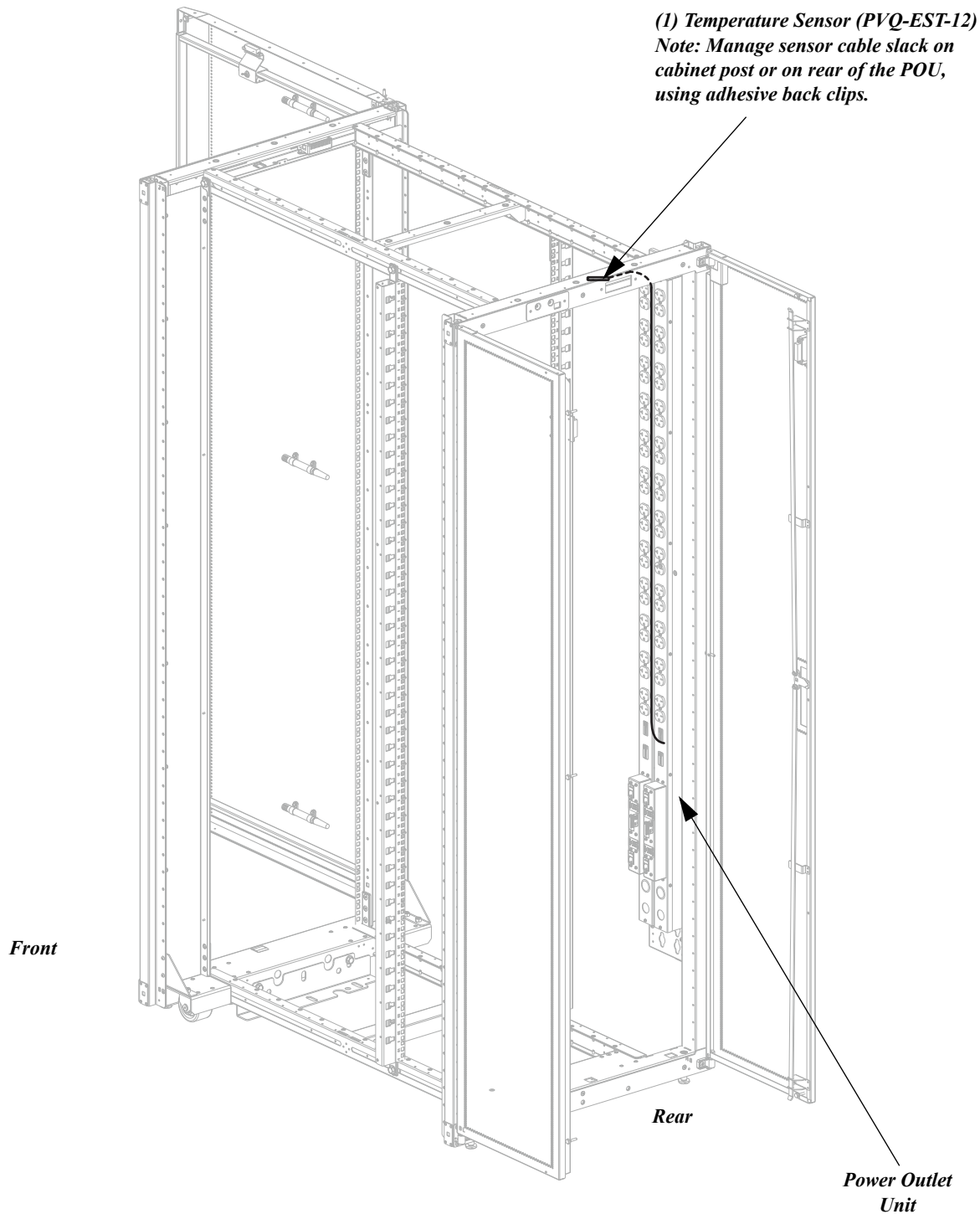
Finger Bracket Installation (PVQ-ESDP-FB)

- Install (3) PVQ-ESTAFHD-18 to the fingers using (3) finger brackets, (3) #10-32 wing nuts, (6) 5/8" plastic retainers, (6) #6-32 screws, and (6) #6-32 nuts (or cable ties for PVQ-EST-18).
- Route cable, as shown below.
- Install (1) PVQ-EST-18 in the rear of cabinet, route cable using cable ties.
- Route cable, as shown below.



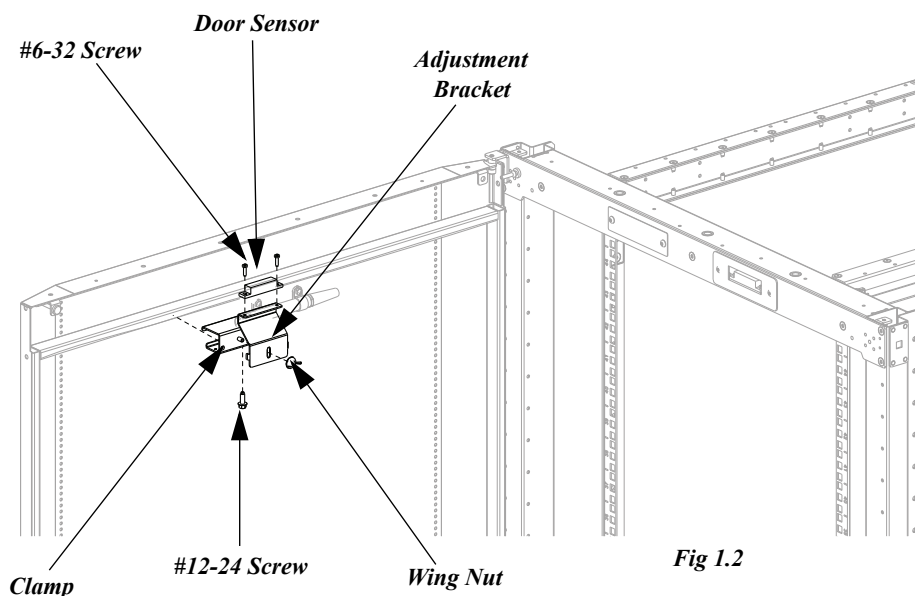
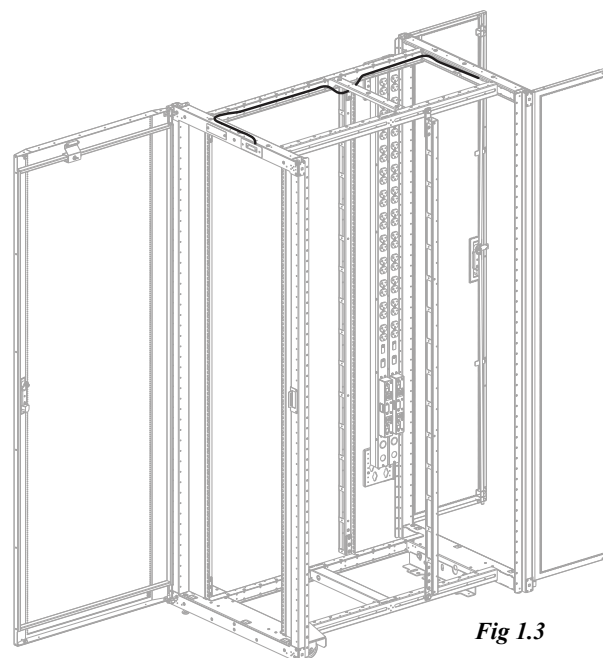
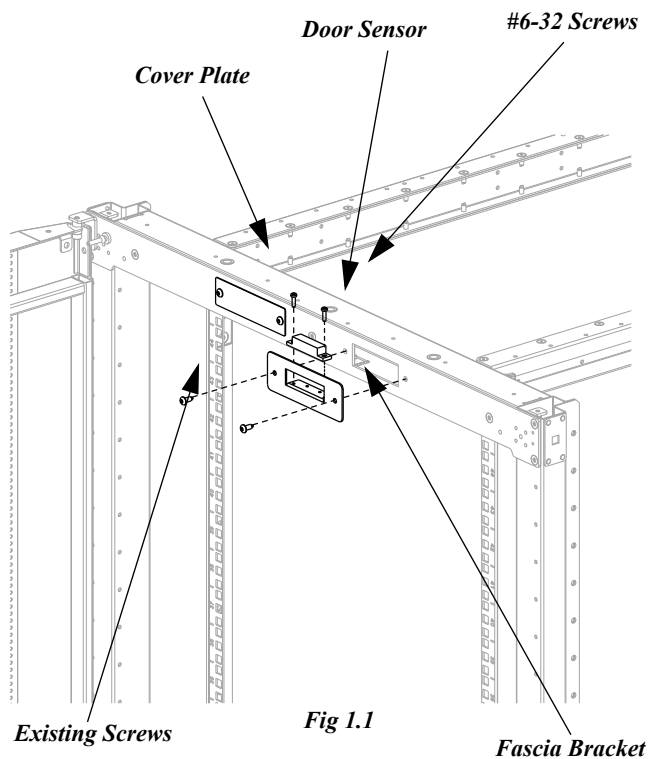
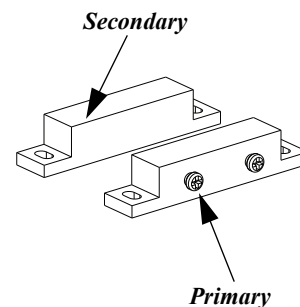
Routing Sensor cable to Networked with Environmental or Switched POU

- Install (1) PVQ-EST-18 to the rear of the cabinet, with a cable tie.
- Route cable to Networked with Environmental or Switched POU, as shown below.



Installation of Front Single Hinge Door Sensors (PVQ-ESDP-SHD)

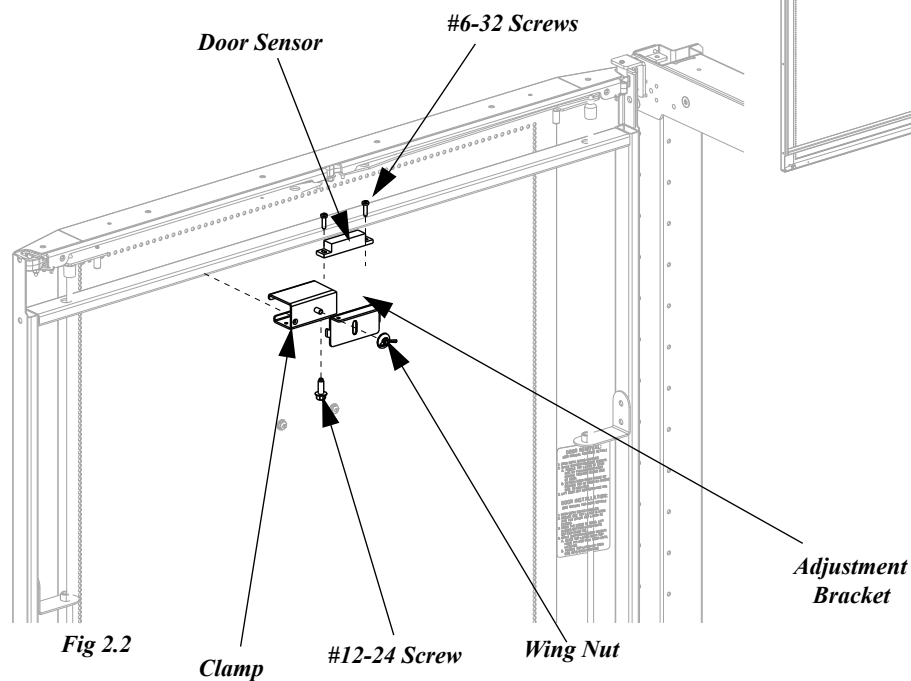
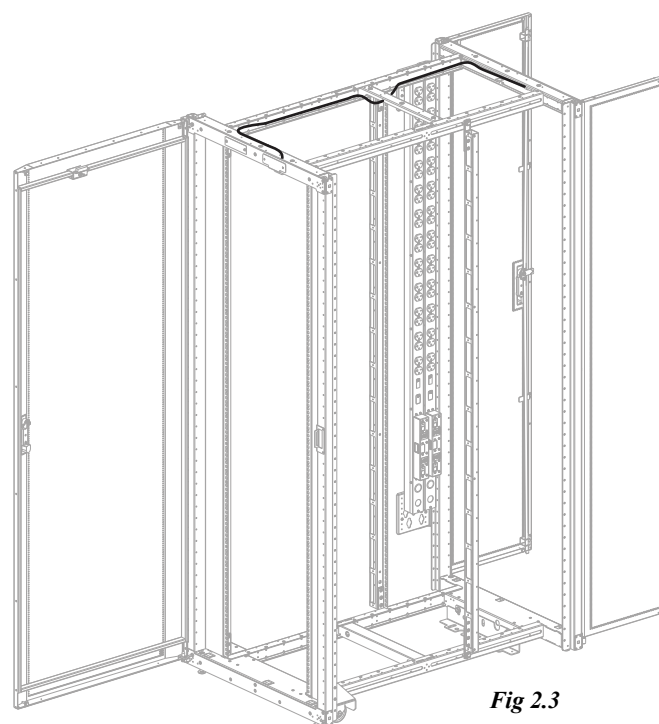
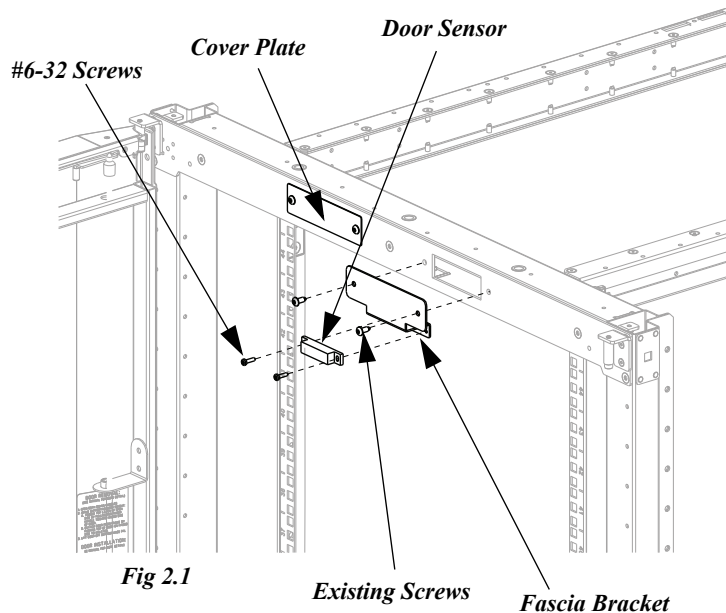
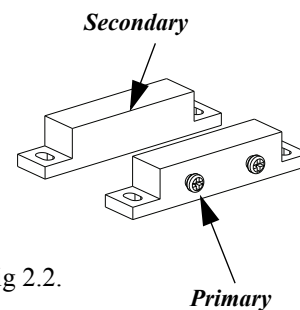
- Remove Cover Plate on the handle side of the cabinet.
- Install Primary Door sensor to the fascia bracket with (2) #6-32 screws, as shown in Fig 1.1.
- Wire Door sensor.
- Install fascia bracket to frame with existing screws from the cover plate, as shown in Fig 1.1.
- Route sensor cable to the Networked with Environmental or Switched POU, as shown in Fig 1.3
- Install Secondary Door sensor to Adjustment bracket with (2) #6-32 screws, as shown in Fig 1.2.
- Install Adjustment Bracket to Clamp with (1) #10-32 Wing Nut and (1) Lock Washer.
- Install Clamp to horizontal bar with (1) #12-24 screw.
- Use wing nut and #12-24 screw for adjustment.
- Align sensors (see page 9).



Note: See page 8 for sensor alignment.

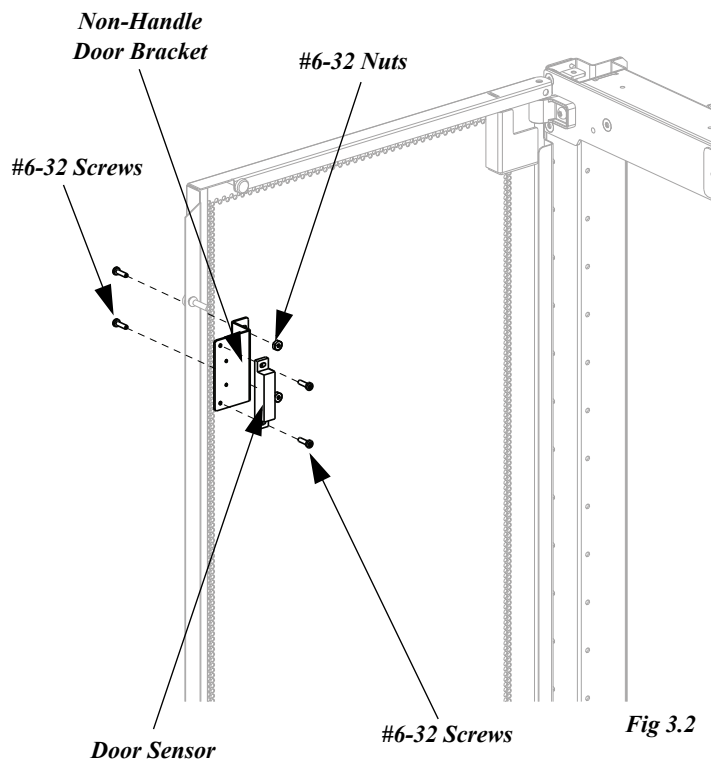
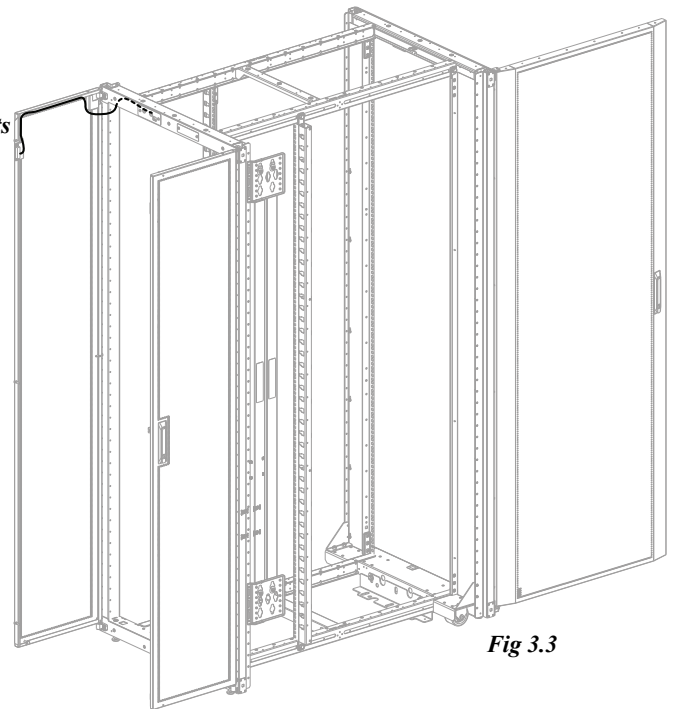
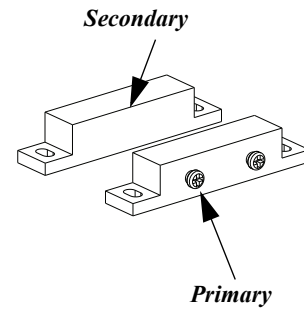
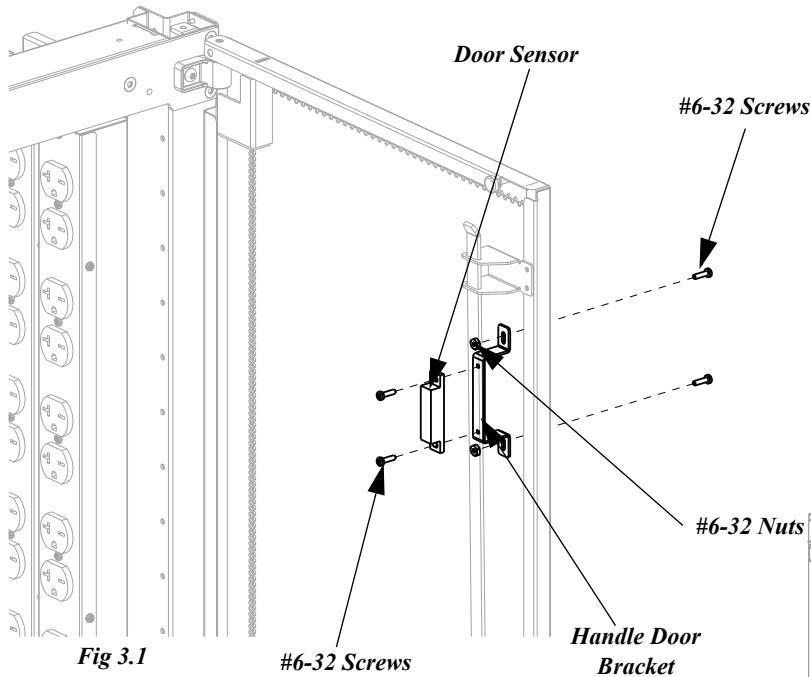
Installation of Dual Hinge Door Sensors (PVQ-ESDP-DHD)

- Remove Cover Plate on the handle side of the cabinet.
- Install Primary Door sensor to the fascia bracket with (2) #6-32 screws, as shown in Fig 2.1.
- Wire Door sensor.
- Install fascia bracket to frame with existing screws from the cover plate, as shown in Fig 2.1.
- Route sensor cable to the Networked with Environmental or Switched POU, as shown in Fig 2.3.
- Install Secondary Door sensor to Adjustment bracket with (2) #6-32 screws, as shown in Fig 2.2.
- Install Adjustment Bracket to Clamp with (1) #10-32 Wing Nut and (1) Lock Washer, as shown in Fig 2.2.
- Install Clamp to horizontal bar with (1) #12-24 screw.
- Use Wing Nut and #12-24 Screw for adjustment.
- Align sensors (see page 9).



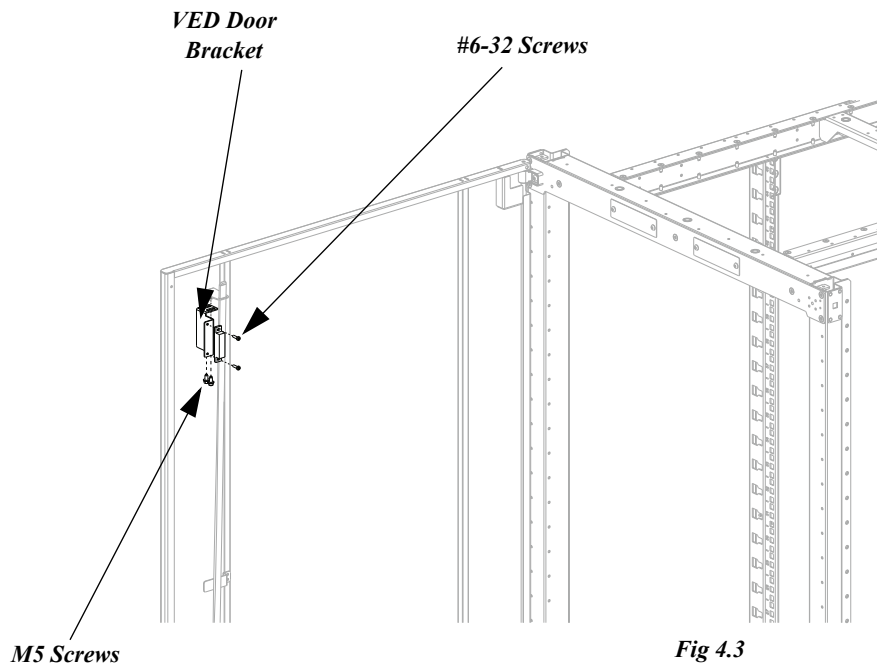
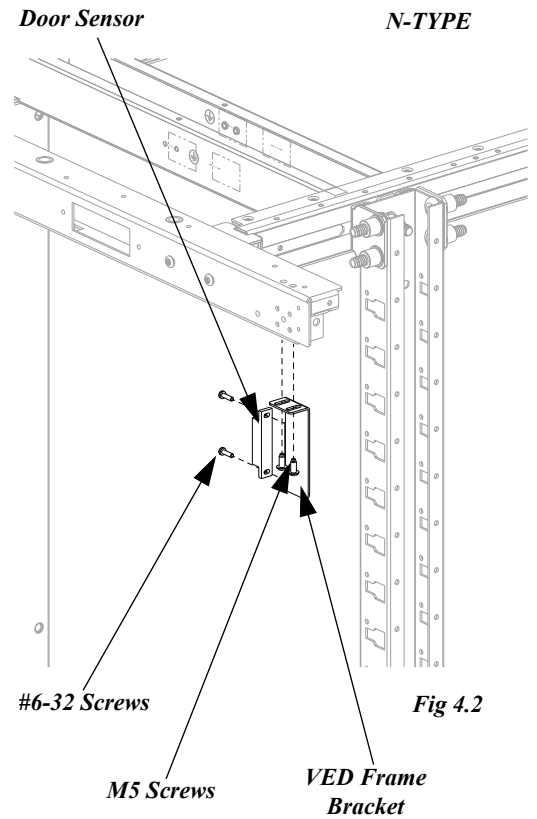
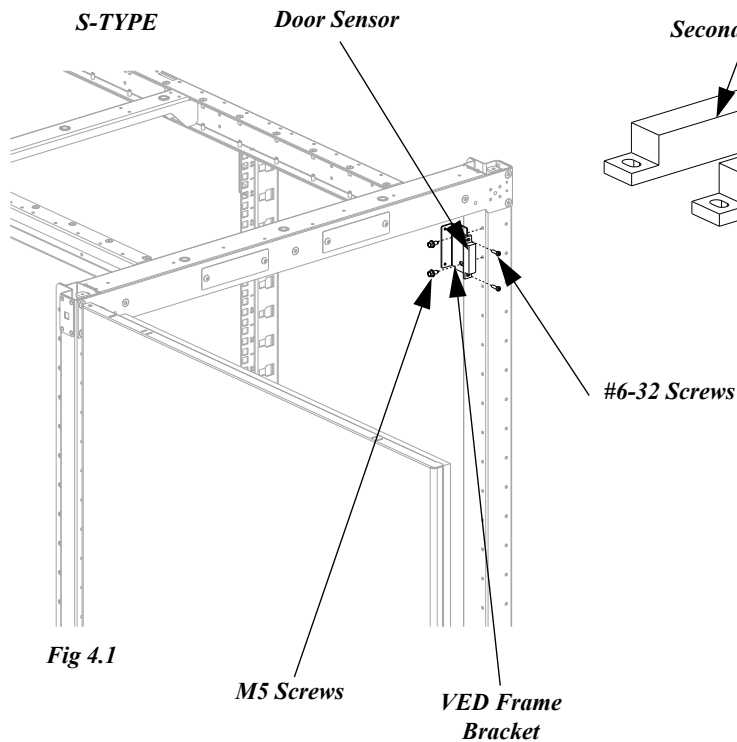
Installation of Split Door Sensors (PVQ-ESDP-SD)

- Install Primary Door Sensor to non-handle door bracket with (2) #6-32 screws, as shown in Fig 3.1.
- Install non-handle door bracket to non-handle side split door with (2) #6-32 screws and (2) # 6-32 nuts, as shown in Fig 3.1.
- Install secondary sensor to handle door bracket with (2) #6-32 screws, as shown in Fig 3.2.
- Install handle door bracket to handle side split door with (2) #6-32 screws and (2) # 6-32 nuts, as shown in Fig 3.2.
- Wire sensor on non handle side and route as shown in Fig 3.3.
- Align sensors (see page 9).



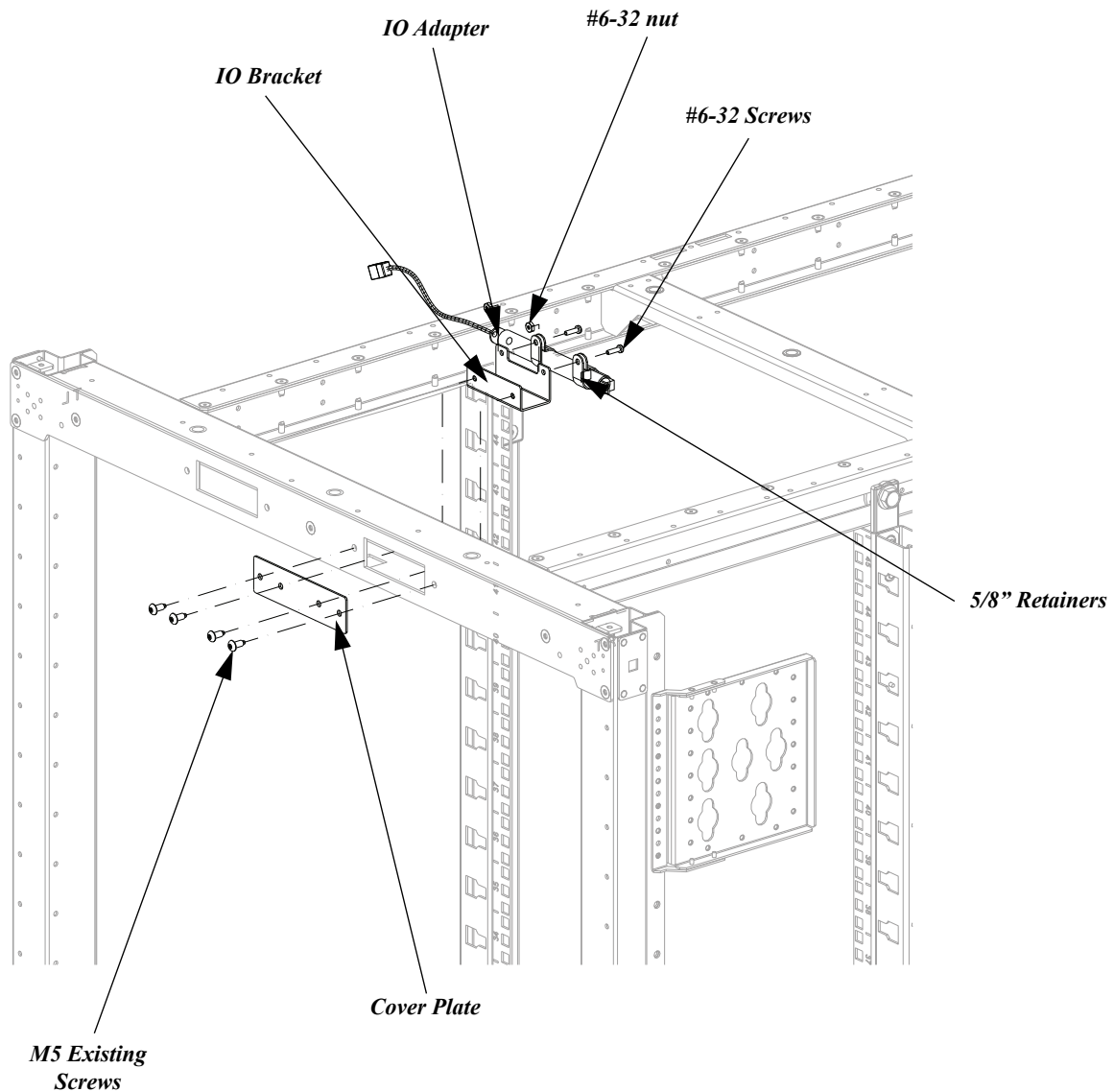
Installation of VED Door Sensors (PVQ-ESDP-VED)

- Install Primary Door Sensor to VED frame bracket with (2) #6-32 screws, as shown in Fig 4.1 & 4.2.
- Install VED Frame Bracket to cabinet with (2) M5 torx head screws, as shown in Fig 4.1 & 4.2.
- Install secondary sensor to VED door bracket with (2) #6-32 screws, as shown in Fig 4.3.
- Install VED door bracket to cabinet with (2) M5 torx screws, as shown in Fig 4.3.
- Wire primary sensor and route cable to POU.
- Align sensors (see page 9).



IO Adapter Installation

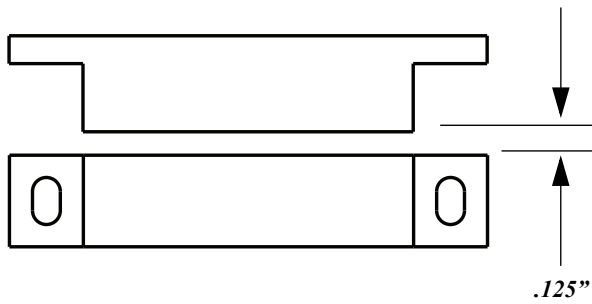
- Install IO adapter to IO bracket with (2) 5/8" retainer, (2) #6-32 screws, and (2) #6-32 nuts.
- Install IO bracket to cover plate with (2) M5 screws.
- Install cover plate to cabinet cut-out with (2) M5 screws (existing).



Door Sensor Alignment

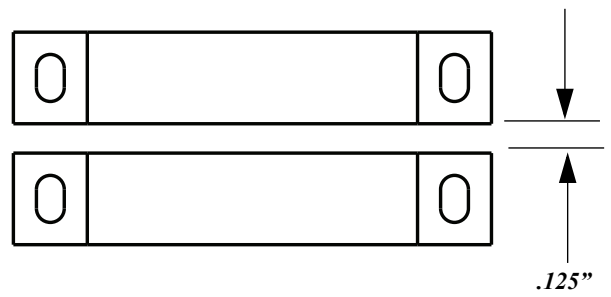
- See below for Door Sensor recommended alignment.

*Dual Hinge Door
(Finished good#)*



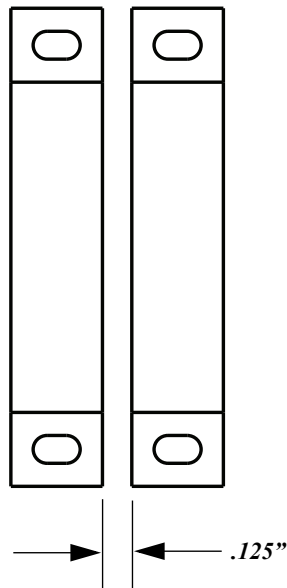
TOP VIEW

*Single Hinge Door
(Finished good#)*



TOP VIEW

*Split Door
(Finished good#)*



TOP VIEW