



FrameFrog 4 Port Long Model: FRG4L-002



Installation
Instructions

Electrified Hardware Back-Box Assembly for Wired Door Hardware

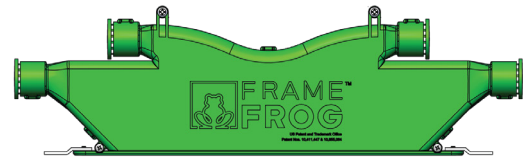
Specifically designed for an easy, professional solution to all electronic access control systems. Replaces the door frame metal mortar box where wired hardware is installed, providing a smooth, seamless pathway while future-proofing door hardware wiring access.

Features

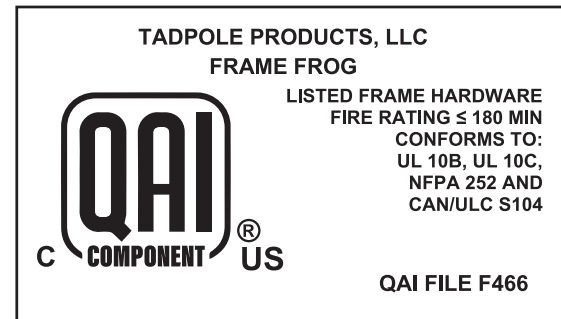
1. Suitable for electronic locks, strikes, card readers, EPT's, position switches, or any other devices for access control systems.
2. Compatible with hollow metal masonry and drywall type door frames.
3. Four connection points for universal wiring configurations.
4. Limited for Class 2 Single Source power supplies only with system wiring voltage of 30 volts or less.
5. Fits standard profile hollow metal masonry and drywall frames attached with steel weld clips for shop installation.
6. Adjustable Wing Tab for field installation (sold separately).
7. Removable port caps left in place protect the back box from mortar intrusion.

Benefits

1. Patented design seamlessly directs a fish tape directly into the connected conduit.
2. Universal "one size fits all" design provides for easy scheduling and job site customization.
3. Divider walls guide a fish tape to your chosen conduit path with the flick of a finger.
4. Wiring pathways are easily accessible through entry point even after construction is complete.
5. Easily fish additional wiring for last minute changes or repairs.
6. Future-proof doors for any potential needed security or data needs.



**Fire Rated for Door
Frames up to 3 Hours.**



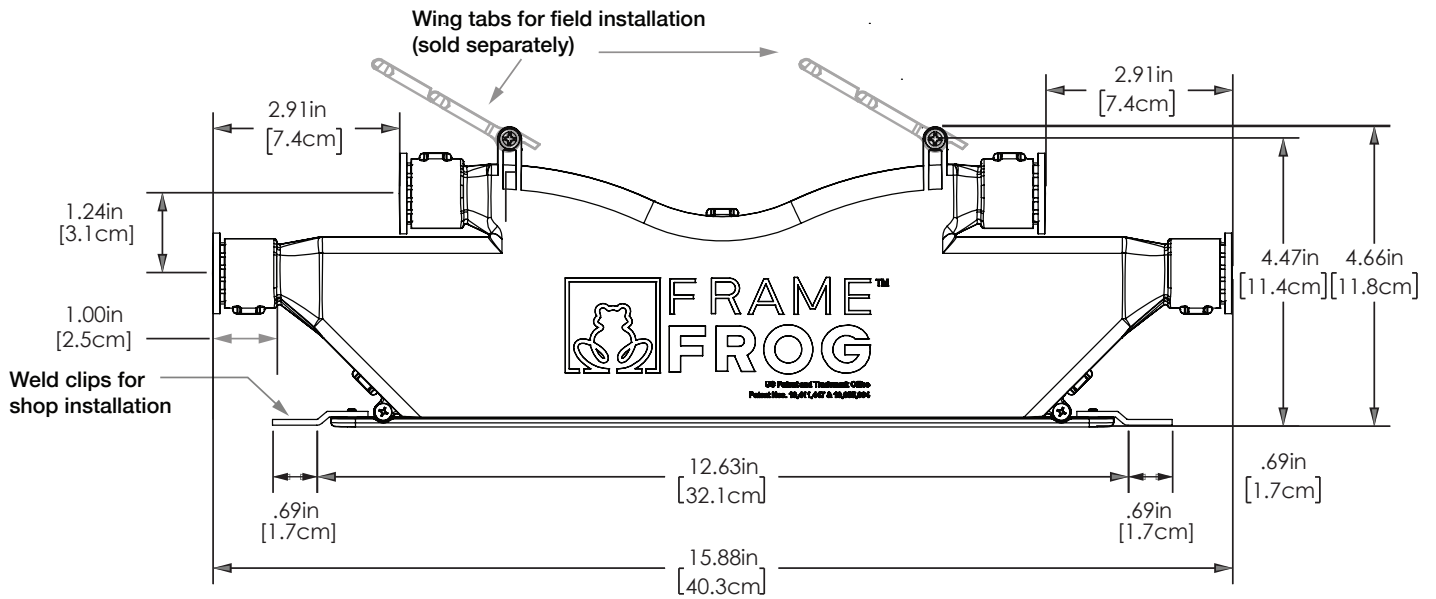
Key Specifications

Material	ABS Plastic
Number of Ports	4
Max. Frame Opening	9" Long Prep for EPT
PVC Conduit	1/2"
Port Diameter	.871" Inside Diameter
Conduit Size and Type	1/2" PVC (Not Provided)
Frame Depth Min	5 3/4"
Frame Depth Max	Welded - No Depth Limit Wing Tabs - Max 9 1/4"
Frame Types	Masonry or Drywall
Adhesive	Multipurpose for PVC to ABS Plastic

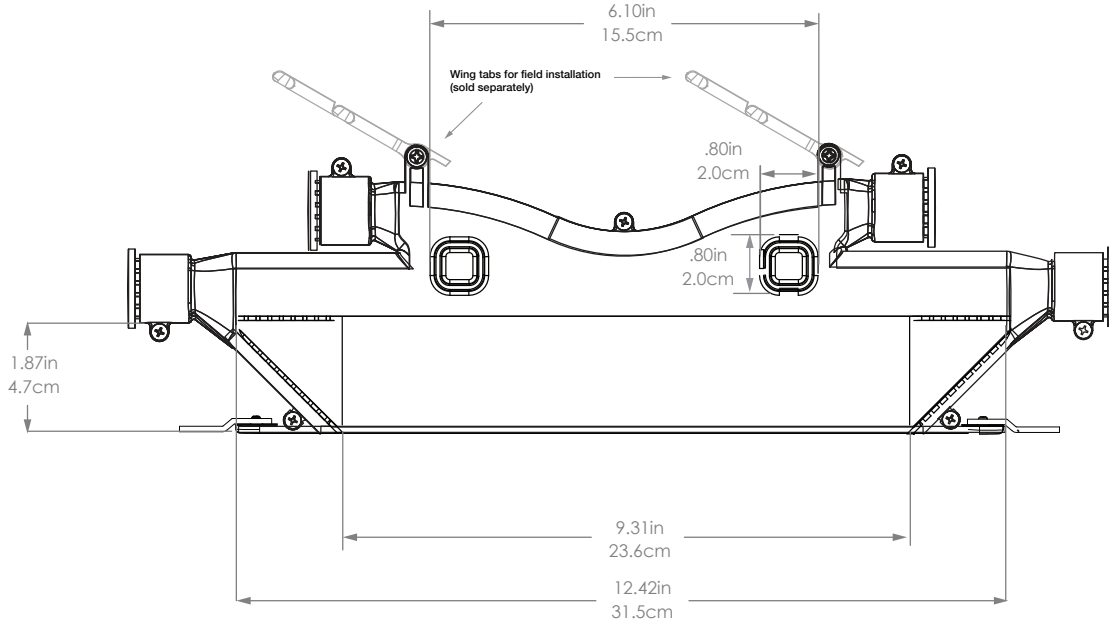
US Patent and Trademark Office
Patent Nos: 10,411,447 and 10,855,064



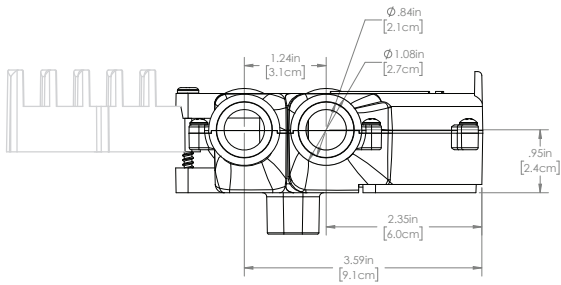
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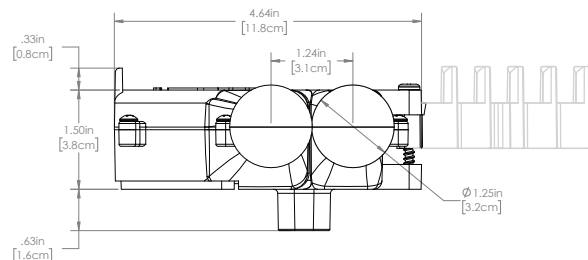
FRONT VIEW



REAR VIEW



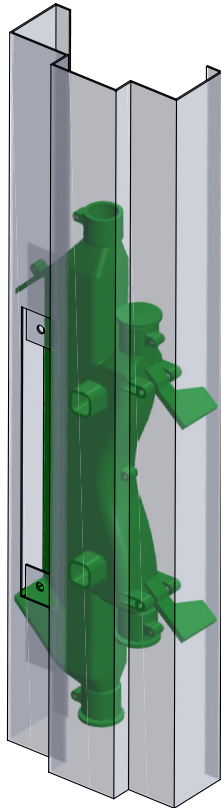
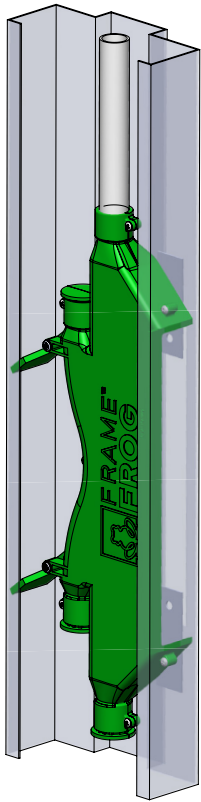
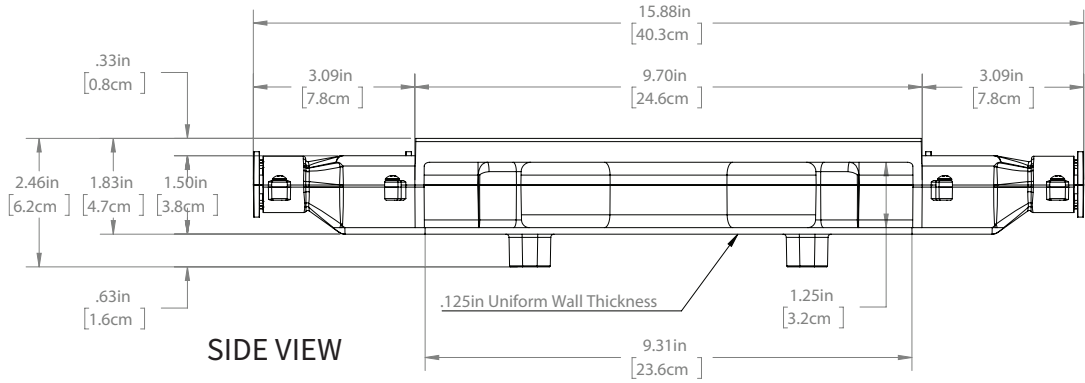
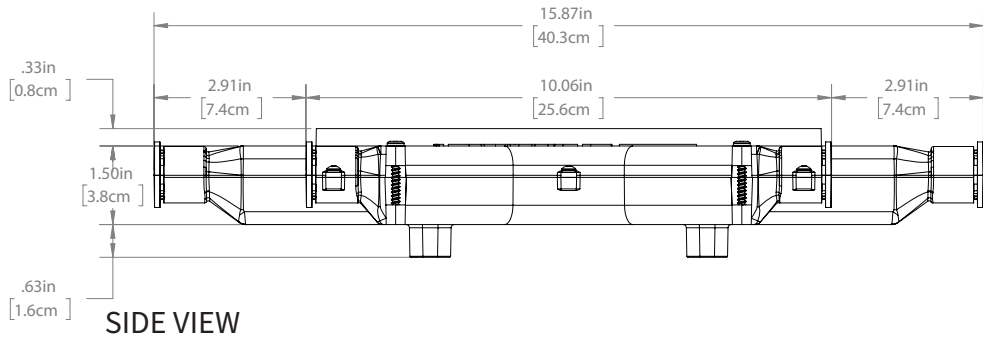
END VIEW



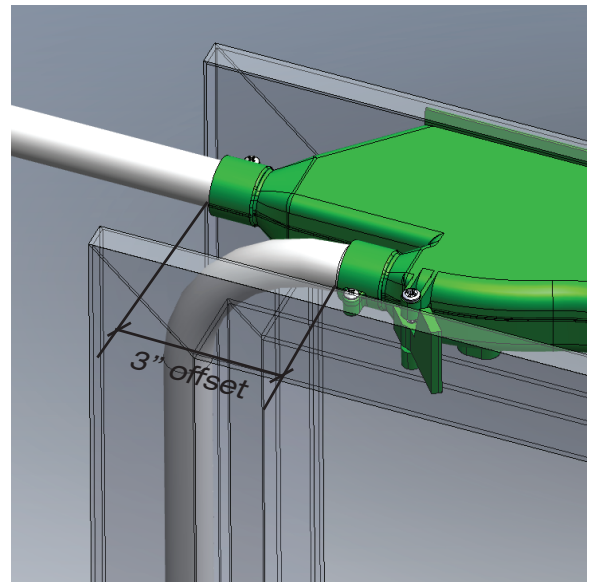
END VIEW



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Offset port design provides clearance for standard 90° conduit to turn down and remain within the frame.



Body Material

Acrylonitrile Butadiene Styrene (ABS)

General ABS POLYLAC PA-757 by Chi Mei Corporation

Properties	Test Condition	Test Method	Unit	Typical Value
Physical				
Specific Gravity	23°C	ASTM D792		1.05
Melt Flow Rate	220°C/5kg	ASTM D1238	g/10min	1.6
Mechanical				
Tensile Strength	6mm/min	ASTM D638	kg/cm ²	470
Tensile Elongation	6mm/min	ASTM D638	%	25
Flexural Strength	2.8mm/min	ASTM D790	kg/cm ²	790
IZOD Impact Strength, 6.4mm (notched)	23°C	ASTM D256	kg-cm/cm	20
IZOD Impact Strength, 3.2mm (notched)	23°C	ASTM D256	kg-cm/cm	21
Thermal				
Heat Distortion Temperature	1.8 Mpa	ASTM D648	C°	85
Vicat Softening Temperature	1kg, 50°C/h	ASTM D1525	C°	105
Flammability		UL 94		1.5 mm HB

Screws

	Size	Length	TPI	Materials
Assembly Screws	0.148 in.	0.39 in.	18 TPI	Steel
Hinge Screws	0.148 in.	1.5 in.	18 TPI	Steel

Weld Clips

	Thickness	Length	Width	Materials
Weld Clips	13 Gauge	1.485 in.	1.015 in.	Steel

ABS MATERIALS NOTE: Typical values are only for material selection purpose, and variation within normal tolerances are for various colors. Values given should not be interpreted as specification and not be used for part or tool design. All properties, except melt flow rate, are measured on injection molded specimens and after 48 Hours storage at 23°C and 50% relative humidity.



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