

HMI Cover Kit

Human Machine Interface Cover Kit

Base P/N AMHMI

Allied Moulded's new HMI cover kits are designed to provide protection for instruments or electronics requiring routine attention or detail. The cover kit features a strong and rigid design, mounting securely to the outside of any enclosure option, and makes accessibility to electronic components easy!

HMI cover kits are UL® recognized and maintain a NEMA 4X seal with the use of our Formed-In-Place (FIP) polyurethane gasket system, and is well-suited for outdoor applications. Multiple cover latching options are also available, including a hinge screw, tamper proof screw, and snap latch model. All are available in solid opaque or polycarbonate thermoplastic clear covers.



Cover Latching Options

Including hinged screw cover, tamper proof screw cover, and snap latch models for secure cover installation and security for every application.



Secure Hinge Pin

Made from 316 stainless steel, keeps cover secure, protecting from outdoor elements such as UV, dirt, dust, oil, and water



Formed-In-Place Gasket

Made with strong polyurethane, protects HMI equipment and electronics, while providing a reliable seal between cover and cover kit option



Application Driven

For use with a variety of electrical mounting or component applications, driving innovation and desired capabilities in unique markets

APPLICATION

- Ideal for covering and protecting instruments or electronics through an enclosure wall, while maintaining all applicable standards and classifications
- No need to open the enclosure to view electronics or perform maintenance, decreasing arc flash risks and safety hazards
- Includes mounting hole pattern for easy cover kit installation
- Protects from UV, dirt, dust, oil and water

STANDARDS

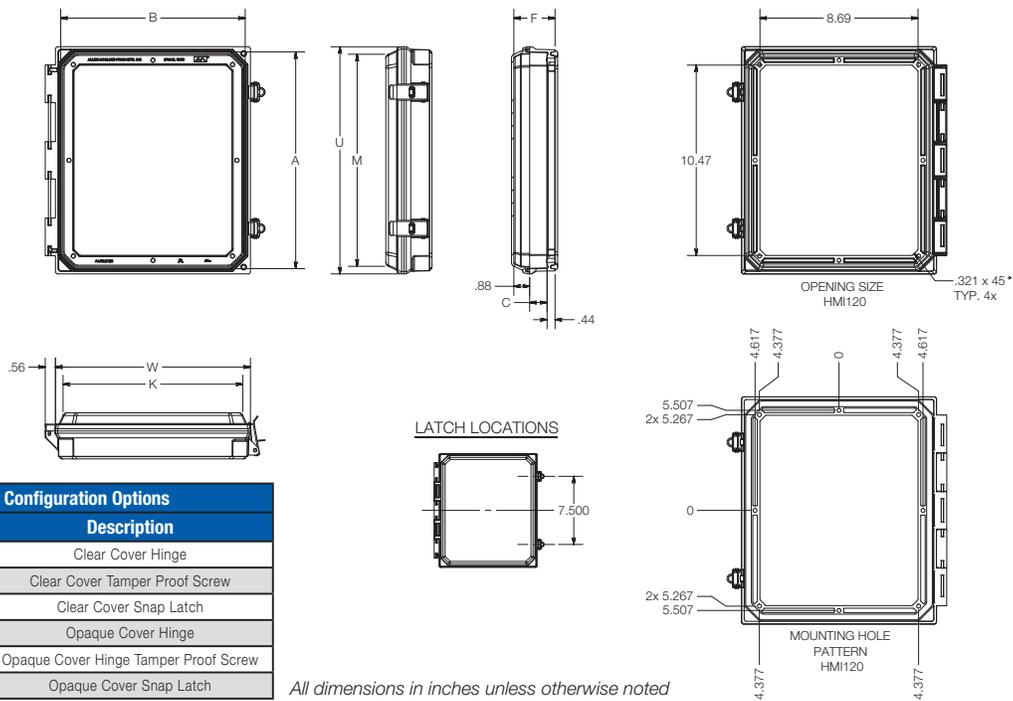
- Recognized component for use with enclosures rated NEMA Types 1, 3, 3R, 4, 4X, 12 or 13

CONSTRUCTION

- Clear polycarbonate thermoplastic, or polycarbonate for opaque covers
- 316 stainless steel hinge pin
- UV stabilized for outdoor use
- Formed-In-Place (FIP) polyurethane gasket in continuous channel
- Designed for use with wall thicknesses from 16 gauge through 1/4"
- #10-32 threaded brass inserts with plated steel mounting fasteners

OTHER ACCESSORIES

- ULTRAPLUG® Hole Plug Assemblies
- Pole Mount Kits
- Inspection Window Kit
- Back Panels
- Hinged Front Panels
- Exhaust Filter Kits
- Thermal Management Products

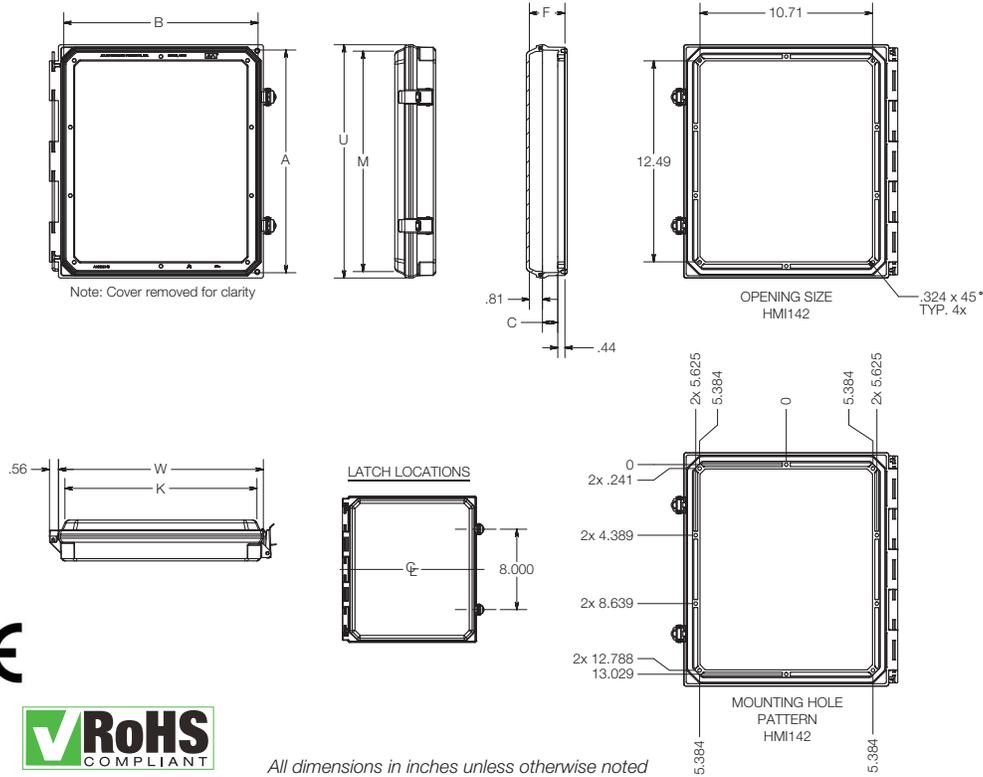


Part No. Configuration Options	
Part No. Suffix	Description
CCH	Clear Cover Hinge
CCHTP	Clear Cover Tamper Proof Screw
CCL	Clear Cover Snap Latch
H	Opaque Cover Hinge
HTP	Opaque Cover Hinge Tamper Proof Screw
L	Opaque Cover Snap Latch

All dimensions in inches unless otherwise noted

Base Part No.	Frame Size Inside Dimensions			Usable Depth	Cover Size				Max Viewing Area		Nom. Wall Thickness
	A	B	C		F	K	M	W	U	Width	
*AMHMI120	11.93	10.15	0.96	2.27	9.89	11.67	10.72	12.5	8.69	10.47	0.14
	303mm	258mm	24mm	58mm	251mm	296mm	272mm	318mm	221mm	266mm	4mm

*Base model number only. Add suffix for complete HMI Cover Kit assembly (Ex. AMHMI120CCH).



Note: Cover removed for clarity



All dimensions in inches unless otherwise noted

Base Part No.	Frame Size Inside Dimensions			Usable Depth	Cover Size				Max Viewing Area		Nom. Wall Thickness
	A	B	C		F	K	M	W	U	Width	
*AMHMI142	13.95	12.07	0.96	2.2	11.89	13.67	12.72	14.5	10.71	12.49	0.19
	354mm	307mm	24mm	56mm	302mm	347mm	323mm	368mm	272mm	317mm	5mm

*Base model number only. Add suffix for complete HMI Cover Kit assembly (Ex. AMHMI142CCHTP).