HAMMOND MANUFACTURING

Quality Products. Service Excellence.

Type 4 Mild Steel Junction Box *Eclipse Junior Series*

Continuous Hinge Door with Quarter Turn

Inner Panel Included

Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments.
- For use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Impressive styling features make the Eclipse Junior a suitable addition to any high-tech equipment installation.

Standards

- UL 508 Type 3R, 4, 12 and 13
- CSA Type 3R, 4, 12 and 13
- Complies with
  - NEMA Type 3R, 4, 12 and 13
  - IEC 60529, IP66

Construction

- Body and cover are formed from 16 gauge steel.
- Smooth, continuously welded seams without knockouts, cutouts, or holes.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- 14 gauge welded brackets provide for enclosure mounting.
- Continuously hinged cover has 304 stainless steel hinges and provides 180° opening.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Quarter turn latches formed from black zinc diecast.
- Seamless poured-in place gasket.
- Models larger than 4"x4" include a removable 14 gauge galvanized inner panel.
- Internal threaded weld studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided or the enclosure.
- Grounding and panel mounting hardware provided.

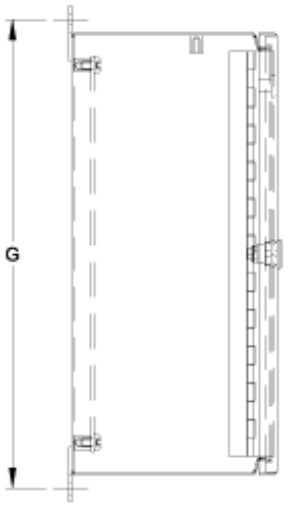
Finish

- Cover and enclosure are finished with a recoatable powder inside and out with choice of ANSI 61 smooth Gray (GY) or RAL7035 textured light gray (LG).
- Inner panels are unpainted galvanized steel.

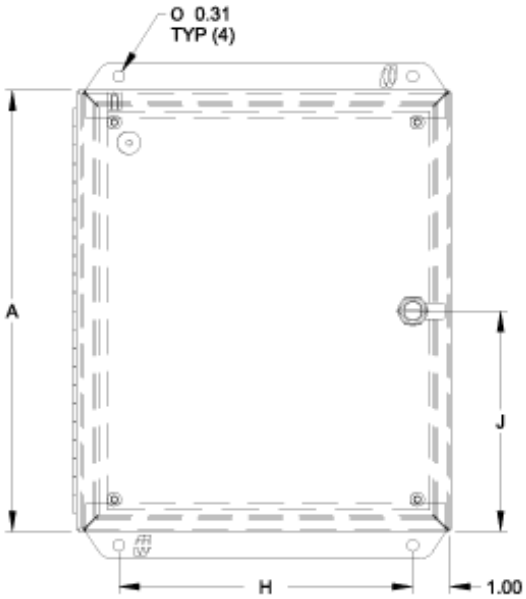
Accessories

Inner Panels
Ventilation
Filtered Fans
Type 1 Louvered Ventilating Plates

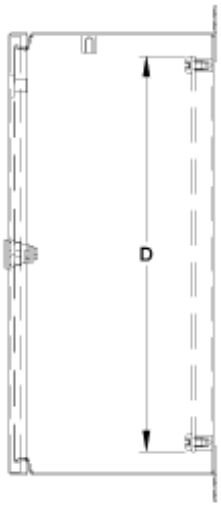
Padlock Adaptor
Temperature Controls
Swing Panel Kit
Terminal Kit Assemblies
Wing Knob Lock



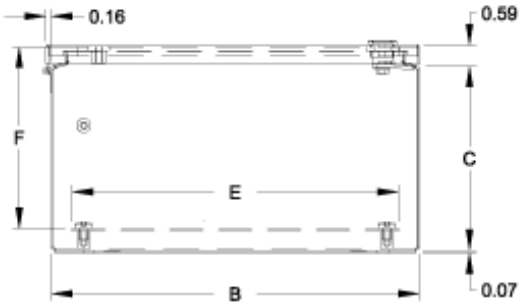
Hinge Side View



Front View



Latch Side View



End View

Part No. (ANSI 61 Gray)	Part No. (RAL 7035 Light Gray)	Overall Dimensions A	B	C	H	Panel Size G	D	E	J	F	Ship Wt. (lbs)
EJ443	**EJ443LG**	4.00	4.00	3.00	2.00	4.75	-	-	2.00	-	2
EJ643	**EJ643LG**	6.00	4.00	3.00	2.00	6.75	4.88	2.88	3.00	2.92	2
EJ683	**EJ683LG**	6.00	8.00	3.50	6.00	6.75	4.88	6.75	3.00	3.42	5
EJ863	**EJ863LG**	8.00	6.00	3.50	4.00	8.75	6.75	4.88	4.00	3.42	5
EJ444	**EJ444LG**	4.00	4.00	4.00	2.00	4.75	-	-	2.00	-	3
EJ644	**EJ644LG**	6.00	4.00	4.00	2.00	6.75	4.88	2.88	3.00	3.92	3
EJ664	**EJ664LG**	6.00	6.00	4.00	4.00	6.75	4.88	4.88	3.00	3.92	4
EJ884	**EJ884LG**	8.00	8.00	4.00	6.00	8.75	6.75	6.88	4.00	3.92	7
EJ8104	**EJ8104LG**	8.00	10.00	4.00	8.00	8.75	6.88	8.75	4.00	3.92	8
EJ1084	**EJ1084LG**	10.00	8.00	4.00	6.00	10.75	8.75	6.88	5.00	3.92	8
EJ1264	**EJ1264LG**	12.00	6.00	4.00	4.00	12.75	10.75	4.88	6.00	3.92	8
EJ12124	**EJ12124LG**	12.00	12.00	4.00	10.00	12.75	10.75	10.88	6.00	5.92	15
EJ10125	**EJ10125LG**	10.00	12.00	5.00	10.00	10.75	8.88	10.75	5.00	4.92	10
EJ12105	**EJ12105LG**	12.00	10.00	5.00	8.00	12.75	10.75	8.88	6.00	4.92	12
EJ866	**EJ866LG**	8.00	6.00	6.00	4.00	8.75	6.75	4.88	4.00	5.92	7
EJ1086	**EJ1086LG**	10.00	8.00	6.00	6.00	10.75	8.75	6.88	5.00	5.92	10
EJ10106	**EJ10106LG**	10.00	10.00	6.00	8.00	10.75	8.75	8.88	5.00	5.92	12
EJ12126	**EJ12126LG**	12.00	12.00	6.00	10.00	12.75	10.75	10.88	6.00	5.92	15

Part No. (ANSI 61 Gray)	Part No. (RAL 7035 Light Gray)	Overall Dimensions			Panel Size						Ship Wt.
		A	B	C	H	G	D	E	J	F	(lbs)
EJ12146	**EJ12146LG**	12.00	14.00	6.00	12.00	12.75	10.88	12.75	6.00	5.92	17
EJ1486	**EJ1486LG**	14.00	8.00	6.00	6.00	14.75	12.75	6.88	7.00	5.92	10
EJ14126	**EJ14126LG**	14.00	12.00	6.00	10.00	14.75	12.75	10.88	7.00	5.92	17
EJ14166	**EJ14166LG**	14.00	16.00	6.00	14.00	14.75	12.88	14.75	7.00	5.92	21
EJ16106	**EJ16106LG**	16.00	10.00	6.00	8.00	16.75	14.75	8.88	8.00	5.92	15
EJ16146	**EJ16146LG**	16.00	14.00	6.00	12.00	16.75	14.75	12.88	8.00	5.92	21
EJ12108	**EJ12108LG**	12.00	10.00	8.00	8.00	12.75	10.75	8.88	6.00	7.92	15
EJ14128	**EJ14128LG**	14.00	12.00	8.00	10.00	14.75	12.75	10.88	7.00	7.92	18
EJ16148	**EJ16148LG**	16.00	14.00	8.00	12.00	16.75	14.75	12.88	8.00	7.92	22
EJ161410	**EJ161410LG**	16.00	14.00	10.00	12.00	16.75	14.75	12.88	8.00	9.92	23

Data subject to change without notice

© 2014. Hammond Manufacturing Ltd. All rights reserved.