

Eclipse Series - NEMA 4, 12

Single Door Enclosures with Gland Plate

Industrial Enclosures
Wallmount Enclosures



Single Door with quarter turns



Single Door with 3 point latching handle

Order
Panel
Separately

Now with
Gland Plate



Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications
- Impressive styling features like hidden hinges, attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- For high temperature applications, a gasket retainer may be required, please refer to factory.

Standards

- UL 508 Type 12, 4
- CSA Type 12, 4
- **Complies with**
 - NEMA Type 12 and 4
 - IEC 529, IP65

Construction

- Formed 14 or 16 gauge steel.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Doors may be easily removed for modifications and are interchangeable.
- Oil resistant gaskets are permanently secured.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Quarter turn latches formed from mild steel (diecast key lockable handle with black epoxy finish on 3 point latch).
- Formed steel hinge with stainless steel hinge pins.
- Removable steel gland plate covers cutout in bottom allowing for easy cable entry preparation.

Finish

- Cover and enclosure are finished in recoatable textured RAL 7032 beige (CG1) powder coating.

Accessories

- Air conditioners...see page [348-357](#)
- Blowers...see page [359](#)
- Breather kits...see page [374](#)
- DIN rails...see page [35](#)
- DIN rail mounting kit...see page [35](#)
- Door stop kit...see page [393](#)
- Filter fans...see page [360-367](#)
- Heaters...see page [369-371](#)
- Handles...see page [36](#)
- Inner panel...see page [34](#)
- Quarter turn inserts and keys...see page [36](#)
- Literature pocket...see page [397](#)
- Mounting foot kit...see page [36](#)
- Swing frame...see page [35](#)
- Swing panel...see page [34](#)
- Replacement hinge pins...see page [34](#)
- Replacement quarter turn assemblies...see page [36](#)
- Thermostats...see page [374](#)
- Touch up paint...see page [396](#)
- UL/CSA approved hardware kit...see page [382](#)
- Padlock Adapter (EPA)...see page [382](#)

Eclipse Series - NEMA 4, 12

Single Door Enclosures with Gland Plate

Industrial Enclosures
 Wallmount Enclosures

Part No.	Overall Dimensions			Door/Body Gauge	Latches		Opt. Panel Part No.	Panel Size		Gland Plate Opening	# Hinges	Ship Wt.	
	A	B	C		Qty	Type		D	E			F	Lbs.
EN4SD12126CG	12	12	6	16	1	Qtr Turn	EP1212	10.2	10.2	5.06 x 1.5	2	6	12
EN4SD16126CG	16	12	6	16	1	Qtr Turn	EP1612	14.2	10.2	5.06 x 1.5	2	10	16
EN4SD16166CG	16	16	6	16	1	Qtr Turn	EP1616	14.2	14.2	11.75 x 2.31	2	10	19
EN4SD16206CG	16	20	6	16	1	Qtr Turn	EP1620	14.2	18.2	11.75 x 2.31	2	10	22
EN4SD20166CG	20	16	6	16	1	Qtr Turn	EP2016	18.2	14.2	11.75 x 2.31	2	14	22
EN4SD20206CG	20	20	6	16	1	Qtr Turn	EP2020	18.2	18.2	11.75 x 2.31	2	14	26
EN4SD24166CG	24	16	6	16	1	Qtr Turn	EP2416	22.2	14.2	11.75 x 2.31	2	18	26
EN4SD24206CG	24	20	6	16	1	Qtr Turn	EP2420	22.2	18.2	11.75 x 2.31	2	18	30
EN4SD24246CG	24	24	6	14	2	Qtr Turn	EP2424	22.2	22.2	11.75 x 2.31	2	18	37
EN4SD16128CG	16	12	8	16	1	Qtr Turn	EP1612	14.2	10.2	5.06 x 1.5	2	10	16
EN4SD16168CG	16	16	8	16	1	Qtr Turn	EP1616	14.2	14.2	12.13 x 4.63	2	10	21
EN4SD16208CG	16	20	8	16	1	Qtr Turn	EP1620	14.2	18.2	12.13 x 4.63	2	10	25
EN4SD20168CG	20	16	8	16	1	Qtr Turn	EP2016	18.2	14.2	12.13 x 4.63	2	14	25
EN4SD20208CG	20	20	8	16	1	Qtr Turn	EP2020	18.2	18.2	12.13 x 4.63	2	14	28
EN4SD20248CG	20	24	8	16	1	Qtr Turn	EP2024	18.2	22.2	19.63 x 4.63	2	14	32
EN4SD24168CG	24	16	8	16	1	Qtr Turn	EP2416	22.2	14.2	12.13 x 4.63	2	18	26
EN4SD24208CG	24	20	8	16	1	Qtr Turn	EP2420	22.2	18.2	12.13 x 4.63	2	18	32
EN4SD24248CG	24	24	8	14	2	Qtr Turn	EP2424	22.2	22.2	19.63 x 4.63	2	18	40
EN4SD24308CG	24	30	8	14	2	Qtr Turn	EP2430	22.2	28.2	19.63 x 4.63	2	18	48
EN4SD30208CG	30	20	8	14	2	Qtr Turn	EP3020	28.2	18.2	12.63 x 4.63	3	12	42
EN4SD30248CG	30	24	8	14	2	Qtr Turn	EP3024	28.2	22.2	19.63 x 4.63	3	12	46
EN4SD30308CG	30	30	8	14	2	Qtr Turn	EP3030	28.2	28.2	19.63 x 4.63	3	12	67
EN4SD36248CG	36	24	8	14	2	Qtr Turn	EP3624	34.2	22.2	19.63 x 4.63	3	15	55
EN4SD36308CG	36	30	8	14	2	Qtr Turn	EP3630	34.2	28.2	19.63 x 4.63	3	15	77
EN4SD36368CG	36	36	8	14	2	Qtr Turn	EP3636	34.2	34.2	19.63 x 4.63	3	15	94
EN4SD161210CG	16	12	10	16	1	Qtr Turn	EP1612	14.2	10.2	5.06 x 1.5	2	10	18
EN4SD161610CG	16	16	10	16	1	Qtr Turn	EP1616	14.2	14.2	11.75 x 2.31	2	10	23
EN4SD162010CG	16	20	10	16	1	Qtr Turn	EP1620	14.2	18.2	12.13 x 4.63	2	10	28
EN4SD201610CG	20	16	10	16	1	Qtr Turn	EP2016	18.2	14.2	11.75 x 2.31	2	14	28
EN4SD202010CG	20	20	10	16	1	Qtr Turn	EP2020	18.2	18.2	12.13 x 4.63	2	14	31
EN4SD202410CG	20	24	10	16	1	Qtr Turn	EP2024	18.2	22.2	19.63 x 4.63	2	14	36
EN4SD241610CG	24	16	10	16	1	Qtr Turn	EP2416	22.2	14.2	11.75 x 2.31	2	18	30
EN4SD242010CG	24	20	10	16	1	Qtr Turn	EP2420	22.2	18.2	12.13 x 4.63	2	18	36
EN4SD242410CG	24	24	10	14	2	Qtr Turn	EP2424	22.2	22.2	19.63 x 4.63	2	18	45
EN4SD243010CG	24	30	10	14	2	Qtr Turn	EP2430	22.2	28.2	19.63 x 4.63	2	18	53
EN4SD302010CG	30	20	10	14	2	Qtr Turn	EP3020	28.2	18.2	12.13 x 4.63	3	12	47
EN4SD302410CG	30	24	10	14	2	Qtr Turn	EP3024	28.2	22.2	19.63 x 4.63	3	12	53
EN4SD303010CG	30	30	10	14	2	Qtr Turn	EP3030	28.2	28.2	19.63 x 4.63	3	12	75
EN4SD362410CG	36	24	10	14	2	Qtr Turn	EP3624	34.2	22.2	19.63 x 4.63	3	15	70
EN4SD363010CG	36	30	10	14	2	Qtr Turn	EP3630	34.2	28.2	19.63 x 4.63	3	15	84
EN4SD363610CG	36	36	10	14	2	Qtr Turn	EP3636	34.2	34.2	19.63 x 4.63	3	15	100
EN4SD423610CG	42	36	10	14	1	3-point	EP4236	40.2	34.2	19.63 x 4.63	4	12	117
EN4SD482410CG	48	24	10	14	1	3-point	EP4824	46.2	22.2	19.63 x 4.63	4	14	95
EN4SD483610CG	48	36	10	14	1	3-point	EP4836	46.2	34.2	19.63 x 4.63	4	14	125
EN4SD603610CG	60	36	10	14	1	3-point	EP6036	58.2	34.2	19.63 x 4.63	4	18	150
EN4SD202012CG	20	20	12	16	1	Qtr Turn	EP2020	18.2	18.2	12.13 x 4.63	2	14	34
EN4SD242012CG	24	20	12	16	1	Qtr Turn	EP2420	22.2	18.2	12.13 x 4.63	2	18	38
EN4SD242412CG	24	24	12	14	2	Qtr Turn	EP2424	22.2	22.2	19.63 x 4.63	2	18	47
EN4SD302412CG	30	24	12	14	2	Qtr Turn	EP3024	28.2	22.2	19.63 x 4.63	3	12	57
EN4SD303012CG	30	30	12	14	2	Qtr Turn	EP3030	28.2	28.2	19.63 x 4.63	3	12	80
EN4SD362412CG	36	24	12	14	2	Qtr Turn	EP3624	34.2	22.2	19.63 x 4.63	3	15	62
EN4SD363012CG	36	30	12	14	2	Qtr Turn	EP3630	34.2	28.2	19.63 x 4.63	3	15	91

Eclipse Series - NEMA 4, 12

Single Door Enclosures with Gland Plate

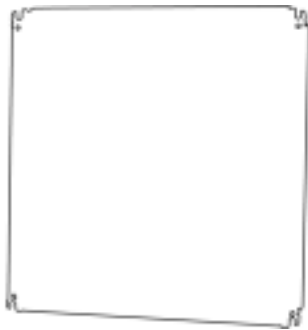
Continued from previous page.

Part No.	Overall Dimensions			Door/Body Gauge	Latches		Opt. Panel Part No.	Panel Size		Gland Plate Opening	# Hinges	Ship Wt. Lbs.	
	A	B	C		Qty	Type		D	E				
EN4SD363612CG	36	36	12	14	2	Qtr Turn	EP3636	34.2	34.2	19.63 x 4.63	3	15	104
EN4SD423612CG	42	36	12	14	1	3-point	EP4236	40.2	34.2	19.63 x 4.63	4	12	121
EN4SD482412CG	48	24	12	14	1	3-point	EP4824	46.2	22.2	19.63 x 4.63	4	14	98
EN4SD483612CG	48	36	12	14	1	3-point	EP4836	46.2	34.2	19.63 x 4.63	4	14	148
EN4SD603612CG	60	36	12	14	1	3-point	EP6036	58.2	34.2	19.63 x 4.63	4	18	165
EN4SD242416CG	24	24	16	14	2	Qtr Turn	EP2424	22.2	22.2	19.63 x 4.63	2	18	66
EN4SD363016CG	36	30	16	14	2	Qtr Turn	EP3630	34.2	28.2	19.63 x 4.63	3	15	102
EN4SD483616CG	48	36	16	14	1	3-point	EP4836	46.2	34.2	19.63 x 4.63	4	14	148
EN4SD242420CG	24	24	20	14	2	Qtr Turn	EP2424	22.2	22.2	19.63 x 4.63	2	18	70
EN4SD302420CG	30	24	20	14	2	Qtr Turn	EP3024	28.2	22.2	19.63 x 4.63	3	12	82
EN4SD363020CG	36	30	20	14	2	Qtr Turn	EP3630	34.2	28.2	19.63 x 4.63	3	15	117

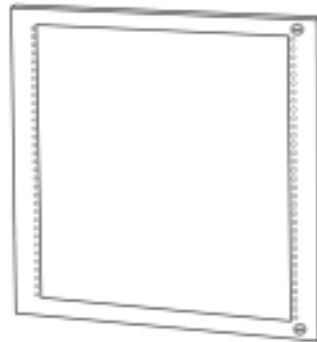
Refer to drawing on following page

* Does not meet Nema 4 requirements

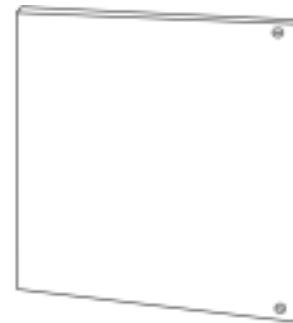
Optional Accessories



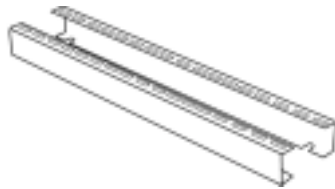
Inner panel...see page 34



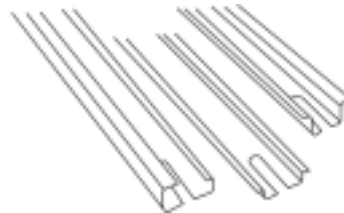
Swing frame...see page 35



Swing panel...see page 34



DIN rail mounting kit...see page 35



DIN rails...see page 35



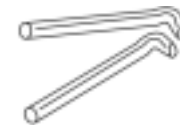
Handles...see page 36



Quarter turn inserts and keys...see page 36



Mounting foot kit...see page 36



Replacement hinge pins...see page 34

Technical references and DXF downloads available at www.hammf.com

All dimensions in inches unless specified otherwise

Eclipse Series- NEMA 4, 12 Two Door Enclosures with Gland Plate

Industrial Enclosures
Wallmount Enclosures



Order
Panel
Separately

Now with
Gland Plate



Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Impressive styling features like hidden hinges, attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.
- For high temperature applications, a gasket retainer may be required, please refer to factory.

Standards

- UL 508 Type 12, 4
- CSA Type 12, 4
- **Complies with**
 - NEMA Type 12 and 4
 - IEC 529, IP65

Construction

- Formed 14 gauge steel.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Doors may be easily removed for modifications and are interchangeable.
- Oil resistant gaskets are permanently secured.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Doors are secured with a three point key lockable handle.
- Key lockable handle is zinc diecast with black epoxy finish.
- Formed steel hinge with stainless steel hinge pins.
- Two removable steel gland plate covers cutout in bottom allowing for easy cable entry preparation.

Finish

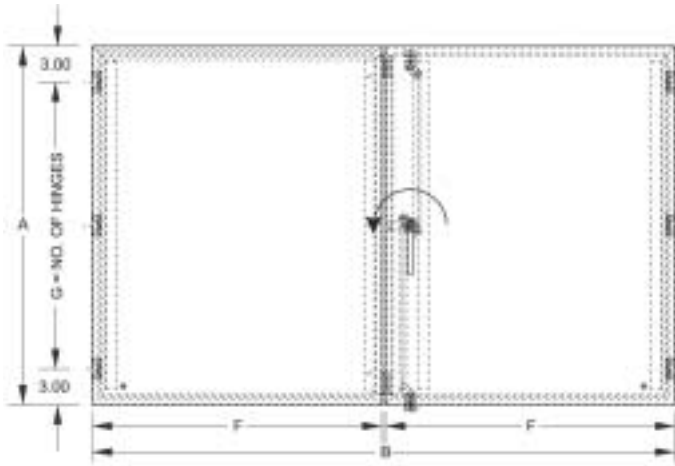
- Cover and enclosure are finished in recoatable textured RAL 7032 beige (CG1) powder coating.

Accessories

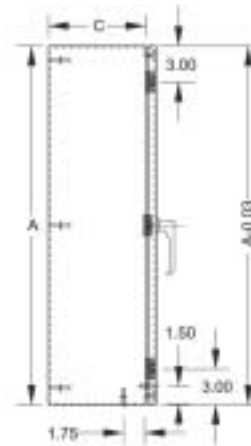
- Air conditioners...see page **348-357**
- Blowers...see page **359**
- Breather kits...see page **374**
- DIN rails...see page **35**
- DIN rail mounting kit...see page **35**
- Door stop kit...see page **393**
- Filter fans...see page **360-367**
- Heaters...see page **369-371**
- Handles...see page **36**
- Inner panel...see page **34**
- Literature pocket...see page **397**
- Mounting foot kit...see page **36**
- Replacement hinge pins...see page **34**
- Thermostats...see page **374**
- Touch up paint...see page **396**
- UL/CSA approved hardware kit...see page **382**

Eclipse Series - NEMA 4, 12 Two Door Enclosures with Gland Plates

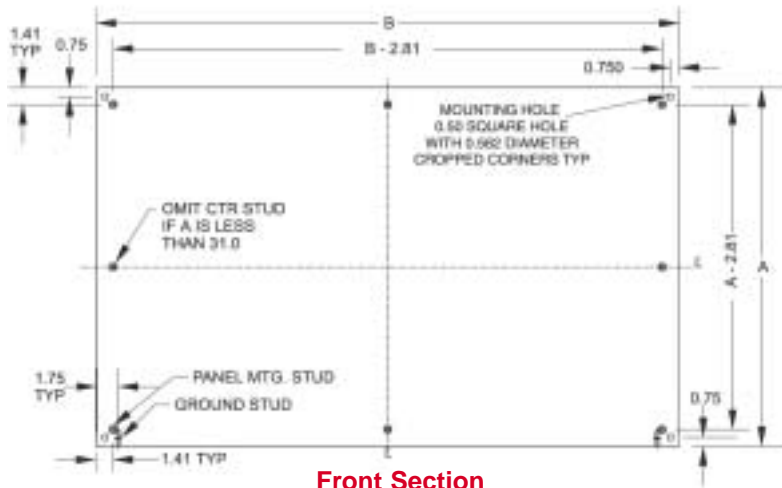
Industrial Enclosures
Wallmount Enclosures



Front View

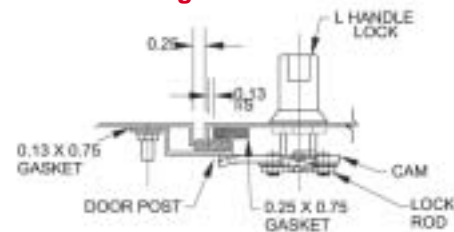


Side View - Hinge Side

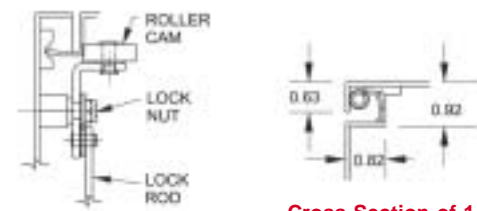


Front Section

Door & Body Flange Removed

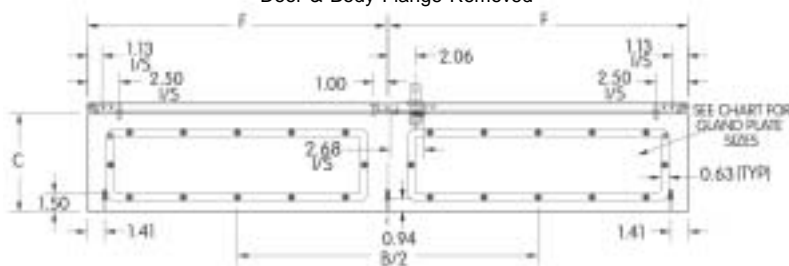


Cross Section of Handle Channel Detail

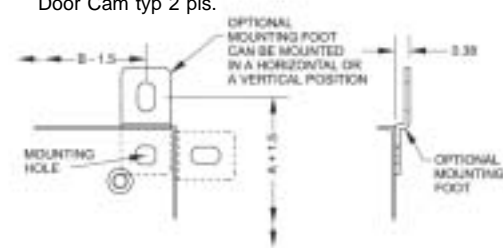


Cross Section End View of Top and Bottom
Door Cam typ 2 pls.

Cross Section of 14 gauge Body & Door



End View



Mounting Detail

Door & Body Flange Removed

Part No.	Overall Dimensions				# Hinges	Opt. Panel Part No.	Panel Size		Gland Plate Openings	Ship Wt. Lbs.
	A	B	C	F			D	E		
EN4TD24428CG	24	42	8	20.88	2	EP2442	22.2	40.2	12.13 x 4.63	80
EN4TD30488CG	30	48	8	23.88	3	EP3048	28.2	46.2	19.63 x 4.63	105
EN4TD306012CG	30	60	12	29.88	3	EP3060	28.2	58.2	19.63 x 4.63	145
EN4TD364812CG	36	48	12	23.88	3	EP3648	34.2	46.2	19.63 x 4.63	135
EN4TD366012CG	36	60	12	29.88	3	EP3660	34.2	58.2	19.63 x 4.63	165

Technical references and DXF downloads available at www.hamfmg.com

All dimensions in inches unless specified otherwise

Eclipse Series - NEMA 4, 12

Single Window Door Enclosures

Industrial Enclosures
Wallmount Enclosures



Order
Panel
Separately



Application

- Designed to enclose electrical and/or electronic equipment in wallmount applications where viewing of component operation is necessary while maintaining protection ratings.
- Impressive styling features like hidden hinges, attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.
- For high temperature applications, a gasket retainer may be required, please refer to factory.

Standards

- UL 508 Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- **Complies with**
 - NEMA 3R, 4 and 12
 - IEC 529, IP66

Construction

- Formed 14 or 16 gauge steel.
- Full view UV resistant polycarbonate window allow maximum viewing area of inner panel.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Doors may be easily removed for modifications and are interchangeable.
- Oil resistant gaskets are permanently secured.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Hinges are constructed from 304 stainless steel.
- Hinge pins are stainless steel.
- Quarter turn latches formed from mild steel diecast key lockable handle with black epoxy finish on 3 point latch.

Finish

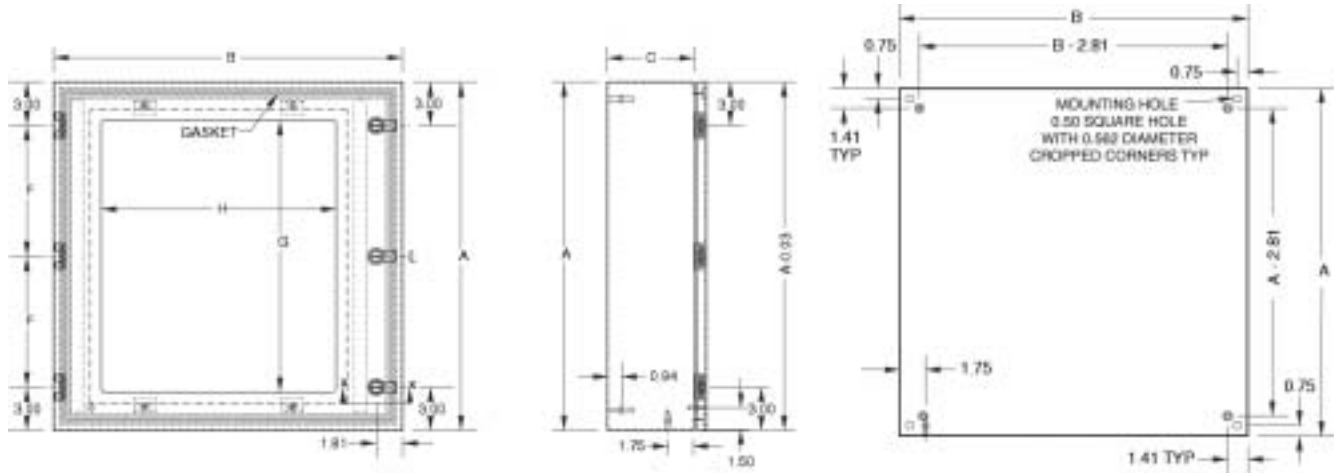
- Cover and enclosure are finished in recoatable smooth ANSI/ASA 61 gray powder coating.

Accessories

- Air conditioners...see page [348-357](#)
- Blowers...see page [359](#)
- Breather kits...see page [374](#)
- DIN rails...see page [35](#)
- DIN rail mounting kit...see page [35](#)
- Door stop kit...see page [393](#)
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- Padlock Adapter (EPA)...see page [382](#)

Eclipse Series - NEMA 4, 12 Single Window Door Enclosures

Industrial Enclosures
Wallmount Enclosures



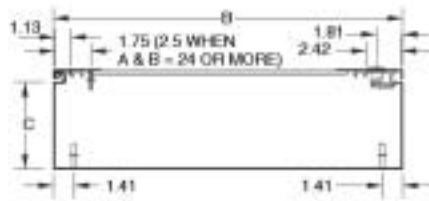
Front View

Side View

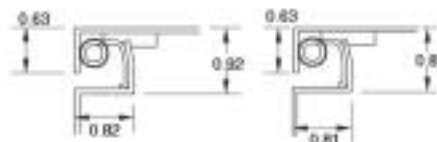
Hinge Side

Front Section

Door & Body Flange Removed

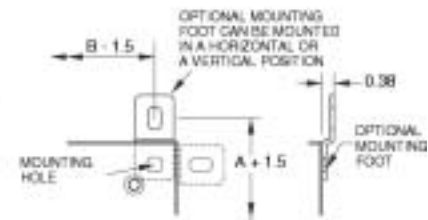


End View



**Cross Section
of 14 gauge
Body & Door**

**Cross Section
of 16 gauge
Body & Door**



Mounting Detail

Door & Body Flange Removed

Part No.	Overall Dimensions			Door/ Body Gauge	Latch ¹ Qty	Hinge Qty	F	Viewing Area			Optional Panel Part No.	Inner Panel Dimensions		Ship Wt. lbs.
	A	B	C					G	H	D		E		
EN4SD16126WGY	16	12	6	16	1	2	10	11.33	6.90	EP1612	14.2	10.2	16	
EN4SD20166WGY	20	16	6	16	1	2	14	15.33	10.90	EP2016	18.2	14.2	22	
EN4SD20206WGY	20	20	6	16	1	2	14	15.33	14.90	EP2020	18.2	18.2	26	
EN4SD24206WGY	24	20	6	16	1	2	18	19.33	14.90	EP2420	22.2	18.2	30	
EN4SD24246WGY	24	24	6	14	2	2	18	18.71	16.15	EP2424	22.2	22.2	37	
EN4SD16128WGY	16	12	8	16	1	2	10	11.33	6.90	EP1612	14.2	10.2	16	
EN4SD20168WGY	20	16	8	16	1	2	14	15.33	10.90	EP2016	18.2	14.2	25	
EN4SD20208WGY	20	20	8	16	1	2	14	15.33	14.90	EP2020	18.2	18.2	28	
EN4SD24208WGY	24	20	8	16	1	2	18	19.33	14.90	EP2420	22.2	18.2	32	
EN4SD24248WGY	24	24	8	14	2	2	18	18.71	16.15	EP2424	22.2	22.2	40	
EN4SD30248WGY	30	24	8	14	2	3	12	24.71	16.15	EP3024	28.2	22.2	46	
EN4SD202012WGY	20	20	12	16	1	2	18	15.33	14.90	EP2020	18.2	18.2	34	
EN4SD242012WGY	24	20	12	16	1	2	18	19.33	14.90	EP2420	22.2	18.2	38	
EN4SD242412WGY	24	24	12	14	2	2	18	18.71	16.15	EP2424	22.2	22.2	47	
EN4SD302412WGY	30	24	12	14	2	3	12	24.71	16.15	EP3024	28.2	22.2	57	
EN4SD242416WGY	24	24	16	14	2	2	18	18.71	16.15	EP2424	22.2	22.2	66	
EN4SD242420WGY	24	24	20	14	2	2	18	18.71	16.15	EP2424	22.2	22.2	70	
EN4SD302420WGY	30	24	20	14	2	3	12	24.71	16.15	EP3024	28.2	22.2	82	

¹ All Window Door latch types are quarter turns.

Eclipse Series - NEMA 4, 12

Single Window Door Enclosures with Gland Plate

Industrial Enclosures
Wallmount Enclosures



Application

- Designed to enclose electrical and/or electronic equipment in wallmount applications where viewing of component operation is necessary while maintaining protection ratings.
- Impressive styling features like hidden hinges, attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.
- For high temperature applications, a gasket retainer may be required, please refer to factory.

Standards

- UL 508 Type 12, 4
- CSA Type 12, 4
- **Complies with**
 - NEMA Type 12 and 4
 - IEC 529, IP65

Construction

- Formed 14 or 16 gauge steel.
- Full view UV resistant polycarbonate window allow maximum viewing area of inner panel.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Doors may be easily removed for modifications and are interchangeable.
- Oil resistant gaskets are permanently secured.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Quarter turn latches formed from mild steel.
- Formed steel hinge with stainless steel hinge pins.
- Removable steel gland plate covers cutout in bottom allowing for easy cable entry preparation.

Finish

- Cover and enclosure are finished in recoatable textured RAL 7032 beige (CG1) powder coating.

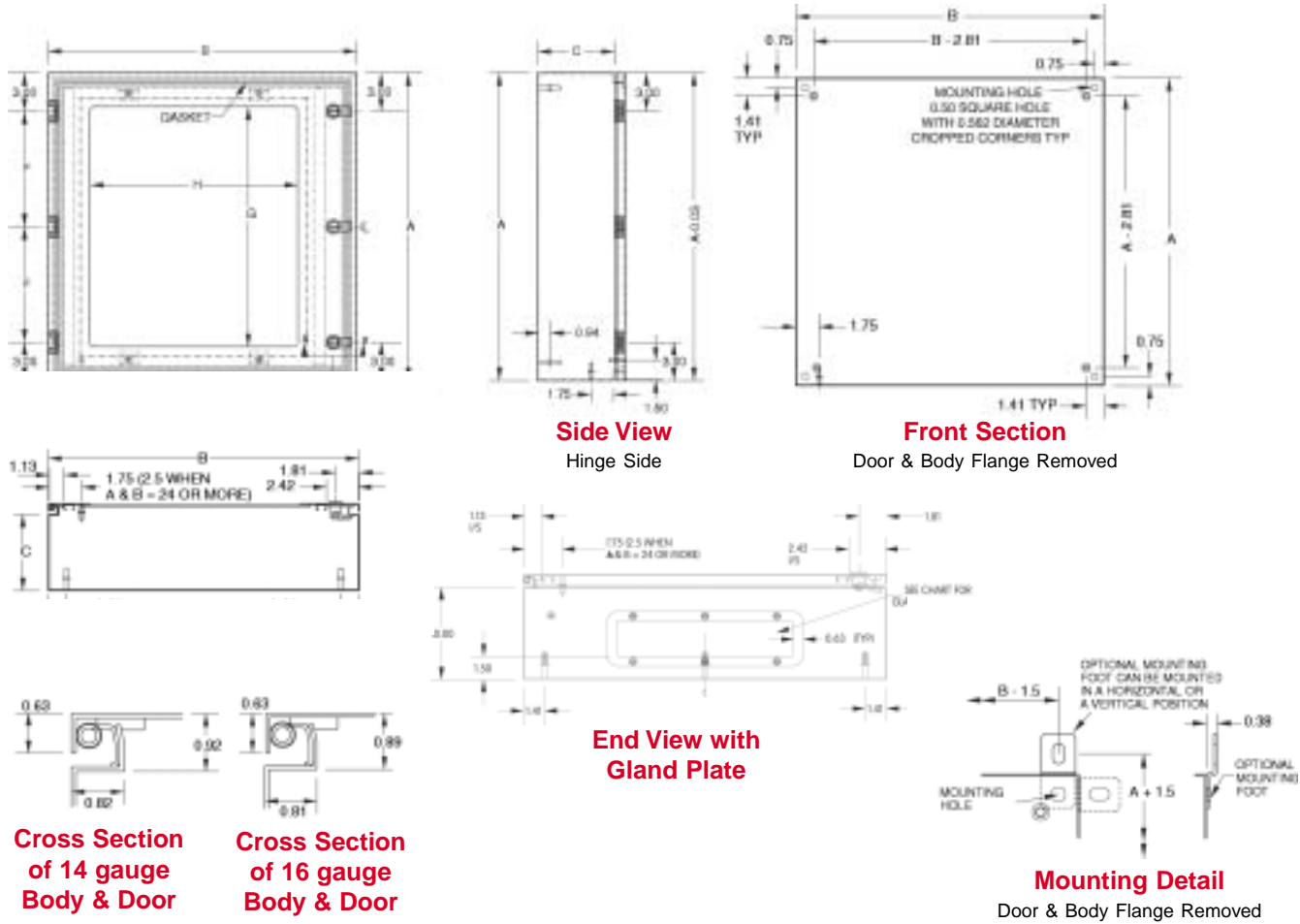
Accessories

- Air conditioners...see page [348-357](#)
- Blowers...see page [359](#)
- Breather kits...see page [374](#)
- DIN rails...see page [35](#)
- DIN rail mounting kit...see page [35](#)
- Door stop kit...see page [393](#)
- Filter fans...see page [360-367](#)
- Heaters...see page [369-371](#)
- Handles...see page [36](#)
- Inner panel...see page [34](#)
- Quarter turn inserts and keys...see page [36](#)
- Literature pocket...see page [397](#)
- Mounting foot kit...see page [36](#)
- Swing frame...see page [35](#)
- Swing panel...see page [34](#)
- Replacement hinge pins...see page [34](#)
- Replacement quarter turn assemblies...see page [36](#)
- Thermostats...see page [374](#)
- Touch up paint...see page [396](#)
- UL/CSA approved hardware kit...see page [382](#)
- Padlock Adapter (EPA)...see page [382](#)

Eclipse Series - NEMA 4, 12

Single Window Door Enclosures with Gland Plate

Industrial Enclosures
Wallmount Enclosures



Part No.	Overall Dimensions			Door/ Body Gauge	Latch ¹ Qty	Hinge Qty	F	G	Viewing Area H	Optional Panel Part No.	Inner Panel Dimensions		Gland Plate Opening	Ship Wt. Lbs.
	A	B	C								D	E		
EN4SD16126WCG	16	12	6	16	1	2	10	11.33	6.90	EP1612	14.2	10.2	5.06 x 1.5	16
EN4SD20166WCG	20	16	6	16	1	2	14	15.33	10.90	EP2016	18.2	14.2	11.75 x 2.31	22
EN4SD20206WCG	20	20	6	16	1	2	14	15.33	14.90	EP2020	18.2	18.2	11.75 x 2.31	26
EN4SD24206WCG	24	20	6	16	1	2	18	19.33	14.90	EP2420	22.2	18.2	11.75 x 2.31	30
EN4SD24246WCG	24	24	6	14	2	2	18	18.71	16.15	EP2424	22.2	22.2	11.75 x 2.31	37
EN4SD16128WCG	16	12	8	16	1	2	10	11.33	6.90	EP1612	14.2	10.2	5.06 x 1.5	16
EN4SD20168WCG	20	16	8	16	1	2	14	15.33	10.90	EP2016	18.2	14.2	12.13 x 4.63	25
EN4SD20208WCG	20	20	8	16	1	2	14	15.33	14.90	EP2020	18.2	18.2	12.13 x 4.63	28
EN4SD24208WCG	24	20	8	16	1	2	18	19.33	14.90	EP2420	22.2	18.2	12.13 x 4.63	32
EN4SD24248WCG	24	24	8	14	2	2	18	18.71	16.15	EP2424	22.2	22.2	19.63 x 4.63	40
EN4SD30248WCG	30	24	8	14	2	3	12	24.71	16.15	EP3024	28.2	22.2	19.63 x 4.63	46
EN4SD202012WCG	20	20	12	16	1	2	18	15.33	14.90	EP2020	18.2	18.2	12.13 x 4.63	34
EN4SD242012WCG	24	20	12	16	1	2	18	19.33	14.90	EP2420	22.2	18.2	12.13 x 4.63	38
EN4SD242412WCG	24	24	12	14	2	2	18	18.71	16.15	EP2424	22.2	22.2	19.63 x 4.63	47
EN4SD302412WCG	30	24	12	14	2	3	12	24.71	16.15	EP3024	28.2	22.2	19.63 x 4.63	57
EN4SD242416WCG	24	24	16	14	2	2	18	18.71	16.15	EP2424	22.2	22.2	19.63 x 4.63	66
EN4SD242420WCG	24	24	20	14	2	2	18	18.71	16.15	EP2424	22.2	22.2	19.63 x 4.63	70
EN4SD302420WCG	30	24	20	14	2	3	12	24.71	16.15	EP3024	28.2	22.2	19.63 x 4.63	82

¹ All Window Door latch types are quarter turns.

Eclipse Series - NEMA 4, 12

Single Door Enclosures



Single Door with quarter turns



Single Door with 3 point latching handle



Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Impressive styling features like hidden hinges, attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.
- For high temperature applications, a gasket retainer may be required, please refer to factory.

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 529, IP65

Construction

- Formed 14 or 16 gauge steel.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided where required for increased strength and rigidity - designed to also permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Doors may be easily removed for modifications and are interchangeable.
- Oil resistant gaskets are permanently secured.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Hinges are constructed from 304 stainless steel.
- Hinge pins are stainless steel.
- Quarter turn latches formed from mild steel diecast key lockable handle with black epoxy finish on 3 point latch.

Finish

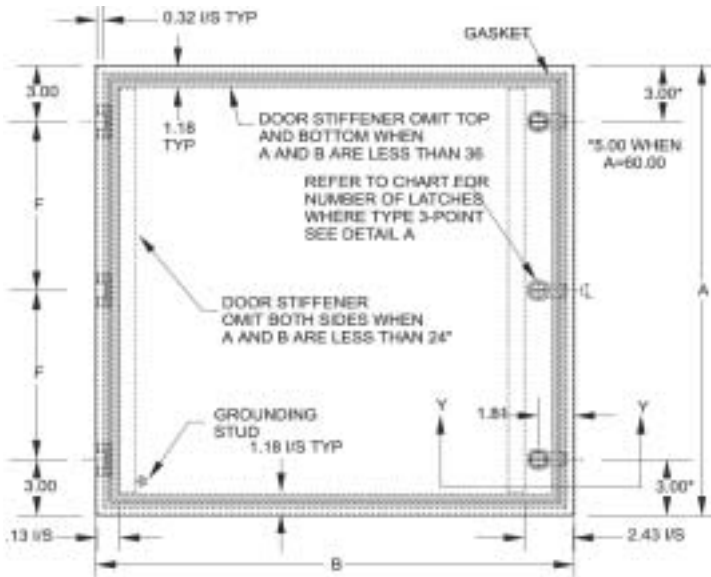
- Cover and enclosure are finished in recoatable smooth ANSI/ASA 61 gray powder coating.

Accessories

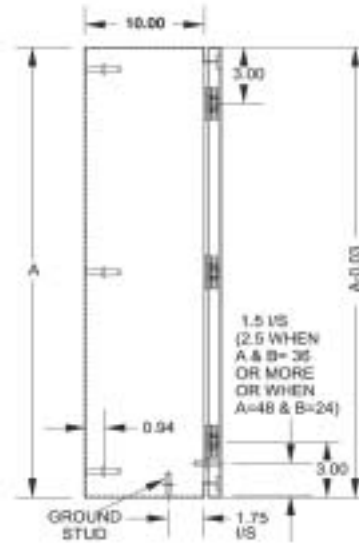
- Air conditioners...see page [348-357](#)
- Blowers...see page [359](#)
- Breather kits...see page [374](#)
- DIN rails...see page [35](#)
- DIN rail mounting kit...see page [35](#)
- Door stop kit...see page [393](#)
- Filter fans...see page [360-367](#)
- Heaters...see page [369-371](#)
- Handles...see page [36](#)
- Inner panel...see page [34](#)
- Quarter turn inserts and keys...see page [36](#)
- Literature pocket...see page [397](#)
- Mounting foot kit...see page [36](#)
- Swing panel...see page [35](#)
- Swing frame...see page [34](#)
- Replacement hinge pins...see page [34](#)
- Replacement quarter turn assemblies...see page [36](#)
- Thermostats...see page [374](#)
- Touch up paint...see page [396](#)
- UL/CSA approved hardware kit...see page [382](#)
- Padlock Adapter (EPA)...see page [382](#)

Eclipse Series - NEMA 4, 12 Single Door Enclosures

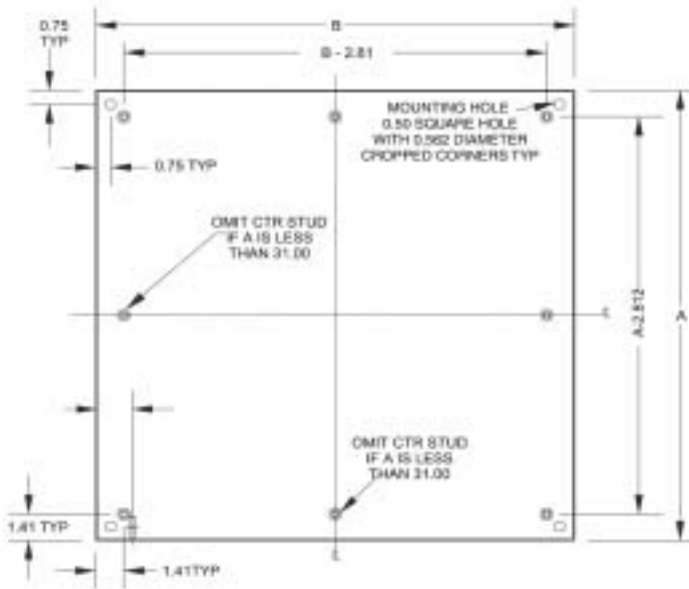
Industrial Enclosures
Wallmount Enclosures



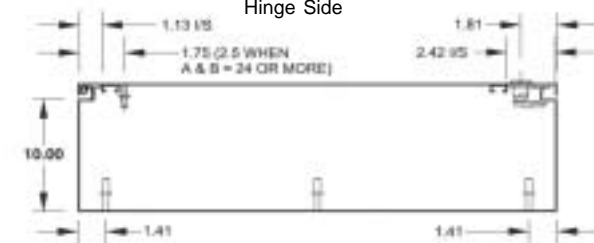
Front View



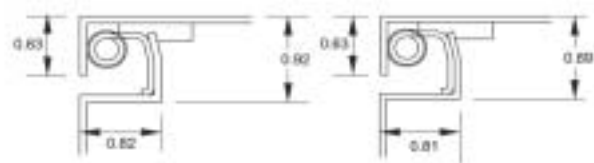
Side View
Hinge Side



Front Section
(Door and Body Flange removed)

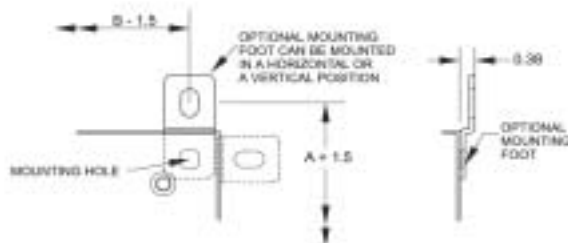


End View

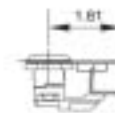


Cross Section of 14 Gauge Body & Door

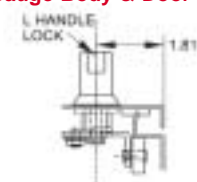
Cross Section of 16 Gauge Body & Door



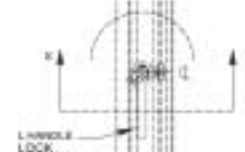
Mounting Detail
Door & Body Flange Removed



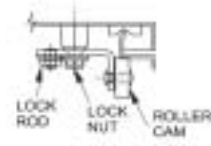
Quarter Turn Lock Section Y-Y



L Handle Lock Section X-X



Detail A



Cross Section Through End View

Door Cam Typ 2 pls when L handle is used

Refer to part number and dimension chart on previous page
Technical references and DXF downloads available at www.hammf.com

All dimensions in inches unless specified otherwise

Eclipse Series - NEMA 4, 12 Single Door Enclosures

Industrial Enclosures
 Wallmount Enclosures

Part No.	Overall Dimensions			Door/Body Gauge	Latches		Opt. Panel Part No.	Panel Size		# Hinges	Ship Wt.	
	A	B	C		Qty	Type		D	E		F	lbs.
EN4SD12126GY	12	12	6	16	1	Qtr Turn	EP1212	10.2	10.2	2	6	12
EN4SD16126GY	16	12	6	16	1	Qtr Turn	EP1612	14.2	10.2	2	10	16
EN4SD16166GY	16	16	6	16	1	Qtr Turn	EP1616	14.2	14.2	2	10	19
EN4SD16206GY	16	20	6	16	1	Qtr Turn	EP1620	14.2	18.2	2	10	22
EN4SD20166GY	20	16	6	16	1	Qtr Turn	EP2016	18.2	14.2	2	14	22
EN4SD20206GY	20	20	6	16	1	Qtr Turn	EP2020	18.2	18.2	2	14	26
EN4SD24166GY	24	16	6	16	1	Qtr Turn	EP2416	22.2	14.2	2	18	26
EN4SD24206GY	24	20	6	16	1	Qtr Turn	EP2420	22.2	18.2	2	18	30
EN4SD24246GY	24	24	6	14	2	Qtr Turn	EP2424	22.2	22.2	2	18	37
EN4SD16128GY	16	12	8	16	1	Qtr Turn	EP1612	14.2	10.2	2	10	16
EN4SD16168GY	16	16	8	16	1	Qtr Turn	EP1616	14.2	14.2	2	10	21
EN4SD16208GY	16	20	8	16	1	Qtr Turn	EP1620	14.2	18.2	2	10	25
EN4SD20168GY	20	16	8	16	1	Qtr Turn	EP2016	18.2	14.2	2	14	25
EN4SD20208GY	20	20	8	16	1	Qtr Turn	EP2020	18.2	18.2	2	14	28
EN4SD20248GY	20	24	8	16	1	Qtr Turn	EP2024	18.2	22.2	2	14	32
EN4SD24168GY	24	16	8	16	1	Qtr Turn	EP2416	22.2	14.2	2	18	26
EN4SD24208GY	24	20	8	16	1	Qtr Turn	EP2420	22.2	18.2	2	18	32
EN4SD24248GY	24	24	8	14	2	Qtr Turn	EP2424	22.2	22.2	2	18	40
EN4SD24308GY	24	30	8	14	2	Qtr Turn	EP2430	22.2	28.2	2	18	48
EN4SD30208GY	30	20	8	14	2	Qtr Turn	EP3020	28.2	18.2	3	12	42
EN4SD30248GY	30	24	8	14	2	Qtr Turn	EP3024	28.2	22.2	3	12	46
EN4SD30308GY	30	30	8	14	2	Qtr Turn	EP3030	28.2	28.2	3	12	67
EN4SD36248GY	36	24	8	14	2	Qtr Turn	EP3624	34.2	22.2	3	15	55
EN4SD36308GY	36	30	8	14	2	Qtr Turn	EP3630	34.2	28.2	3	15	77
EN4SD36368GY	36	36	8	14	2	Qtr Turn	EP3636	34.2	34.2	3	15	94
EN4SD161210GY	16	12	10	16	1	Qtr. Turn	EP1612	14.2	10.2	2	10	18
EN4SD161610GY	16	16	10	16	1	Qtr. Turn	EP1616	14.2	14.2	2	10	23
EN4SD162010GY	16	20	10	16	1	Qtr. Turn	EP1620	14.2	18.2	2	10	28
EN4SD201610GY	20	16	10	16	1	Qtr. Turn	EP2016	18.2	14.2	2	14	28
EN4SD202010GY	20	20	10	16	1	Qtr. Turn	EP2020	18.2	18.2	2	14	31
EN4SD202410GY	20	24	10	16	1	Qtr. Turn	EP2024	18.2	22.2	2	14	36
EN4SD241610GY	24	16	10	16	1	Qtr. Turn	EP2416	22.2	14.2	2	18	30
EN4SD242010GY	24	20	10	16	1	Qtr. Turn	EP2420	22.2	18.2	2	18	36
EN4SD242410GY	24	24	10	14	2	Qtr. Turn	EP2424	22.2	22.2	2	18	45
EN4SD243010GY	24	30	10	14	2	Qtr. Turn	EP2430	22.2	28.2	2	18	53
EN4SD302010GY	30	20	10	14	2	Qtr. Turn	EP3020	28.2	18.2	3	12	47
EN4SD302410GY	30	24	10	14	2	Qtr. Turn	EP3024	28.2	22.2	3	12	53
EN4SD303010GY	30	30	10	14	2	Qtr. Turn	EP3030	28.2	28.2	3	12	75
EN4SD362410GY	36	24	10	14	2	Qtr. Turn	EP3624	34.2	22.2	3	15	70
EN4SD363010GY	36	30	10	14	2	Qtr. Turn	EP3630	34.2	28.2	3	15	84
EN4SD363610GY	36	36	10	14	2	Qtr. Turn	EP3636	34.2	34.2	3	15	100
EN4SD423610GY	42	36	10	14	1	3-point	EP4236	40.2	34.2	4	12	117
EN4SD482410GY	48	24	10	14	1	3-point	EP4824	46.2	22.2	4	14	95
EN4SD483610GY	48	36	10	14	1	3-point	EP4836	46.2	34.2	4	14	125
EN4SD603610GY	60	36	12	14	1	3-point	EP6036	58.2	34.2	4	18	150
EN4SD202012GY	20	20	12	16	1	Qtr Turn	EP2020	18.2	18.2	2	14	34
EN4SD242012GY	24	20	12	16	1	Qtr Turn	EP2420	22.2	18.2	2	18	38
EN4SD242412GY	24	24	12	14	2	Qtr Turn	EP2424	22.2	22.2	2	18	47
EN4SD302412GY	30	24	12	14	2	Qtr Turn	EP3024	28.2	22.2	3	12	57
EN4SD303012GY	30	30	12	14	2	Qtr Turn	EP3030	28.2	28.2	3	12	80
EN4SD362412GY	36	24	12	14	2	Qtr Turn	EP3624	34.2	22.2	3	15	62
EN4SD363012GY	36	30	12	14	2	Qtr Turn	EP3630	34.2	28.2	3	15	91

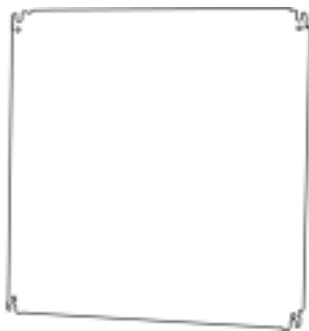
Eclipse Series - NEMA 4, 12 Single Door Enclosures

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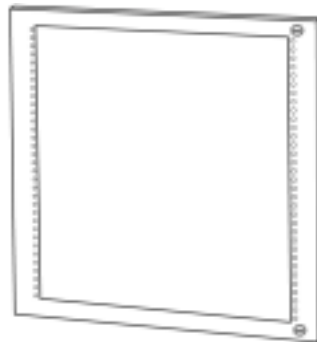
Part No.	Overall Dimensions			Door/Body Gauge	Latches		Opt. Panel Part No.	Panel Size		# Hinges	Ship Wt.	
	A	B	C		Qty	Type		D	E		F	lbs.
EN4SD363612GY	36	36	12	14	2	Qtr Turn	EP3636	34.2	34.2	3	15	104
EN4SD423612GY	42	36	12	14	1	3-point	EP4236	40.2	34.2	4	12	121
EN4SD482412GY	48	24	12	14	1	3-point	EP4824	46.2	22.2	4	14	98
EN4SD483612GY	48	36	12	14	1	3-point	EP4836	46.2	34.2	4	14	148
EN4SD603612GY	60	36	12	14	1	3-point	EP6036	58.2	34.2	4	18	165
EN4SD242416GY	24	24	16	14	2	Qtr Turn	EP2424	22.2	22.2	2	18	66
EN4SD363016GY	36	30	16	14	2	Qtr Turn	EP3630	34.2	28.2	3	15	102
EN4SD483616GY	48	36	16	14	1	3-point	EP4836	46.2	34.2	4	14	148
EN4SD242420GY	24	24	20	14	2	Qtr Turn	EP2424	22.2	22.2	2	18	70
EN4SD302420GY	30	24	20	14	2	Qtr Turn	EP3024	28.2	22.2	3	12	82
EN4SD363020GY	36	30	20	14	2	Qtr Turn	EP3630	34.2	28.2	3	15	117

Refer to drawing on following page

Optional Accessories



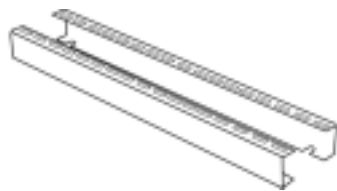
Inner panel...see page **34**



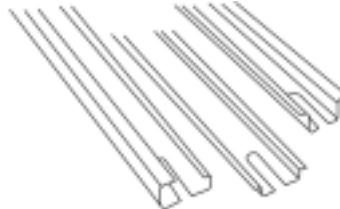
Swing frame...see page **34**



Swing panel...see page **35**



DIN rail mounting kit...see page **35**



DIN rails...see page **35**



Handles...see page **36**



Quarter turn inserts and keys...see page **36**



Mounting foot kit...see page **36**



Replacement hinge pins...see page **34**

Technical references and DXF downloads available at www.hammf.com

All dimensions in inches unless specified otherwise

Eclipse Series- NEMA 4, 12

Two Door Enclosures

Industrial Enclosures
Wallmount Enclosures



Order
Panel
Separately



Application

- Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.
- Impressive styling features like hidden hinges, attractive latching systems make the Eclipse a suitable addition to any high-tech equipment installation.
- A wide range of sizes and practical accessories make this product line a complete package.
- For high temperature applications, a gasket retainer may be required, please refer to factory.

Standards

- UL 508 Type 3R, 4 and 12
- CSA Type 3R, 4 and 12
- **Complies with**
 - NEMA 3R, 4 and 12
 - IEC 529, IP66

Construction

- Formed 14 gauge steel.
- Smooth, continuously welded seams ground smooth.
- Door stiffeners are provided for increased strength and rigidity - also designed to permit additional mounting options.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Doors may be easily removed for modifications and are interchangeable.
- Oil resistant gaskets are permanently secured.
- Collar studs provided for mounting inner panel.
- Includes hardware kit with panel mounting nuts and sealing washers for wall mounting holes.
- Bonding stud provided on door and grounding stud installed in enclosure.
- Doors are secured with a three point key lockable handle.
- Hinges are constructed from 304 stainless steel.
- Key lockable handle is zinc diecast with black epoxy finish.
- Hinge pins are stainless steel.

Finish

- Cover and enclosure are finished in recoatable smooth ANSI/ASA 61 gray powder coating.

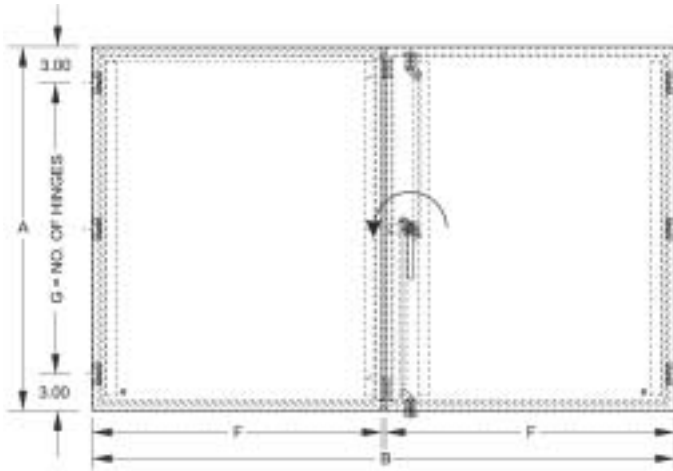
Accessories

- Air conditioners...see page [348-357](#)
- Blowers...see page [359](#)
- Breather kits...see page [374](#)
- DIN rails...see page [35](#)
- DIN rail mounting kit...see page [35](#)
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- Replacement hinge pins...see page [34](#)
- Thermostats...see page [374](#)
- Touch up paint...see page [396](#)
- UL/CSA approved hardware kit...see page [382](#)

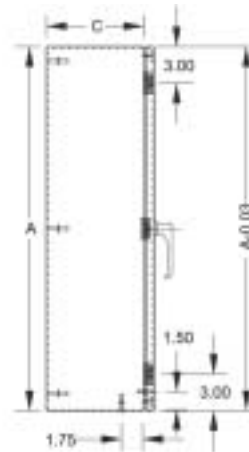
Eclipse Series - NEMA 4, 12

Two Door Enclosures

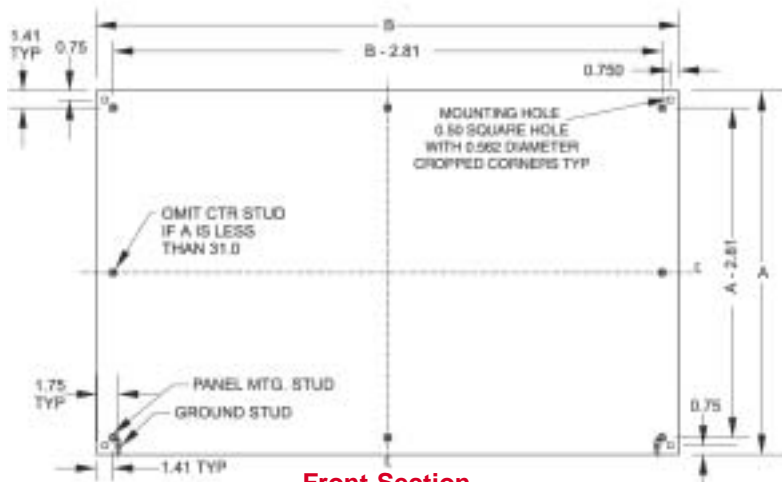
Industrial Enclosures
Wallmount Enclosures



Front View

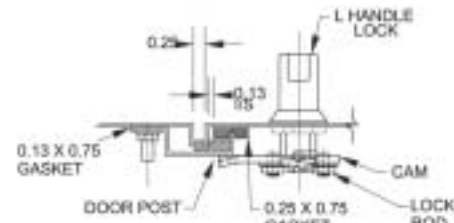


Side View - Hinge Side

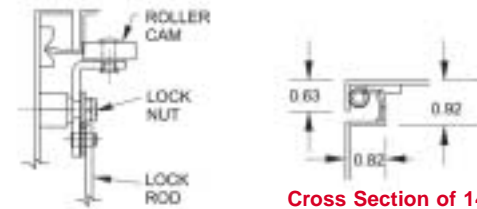


Front Section

Door & Body Flange Removed

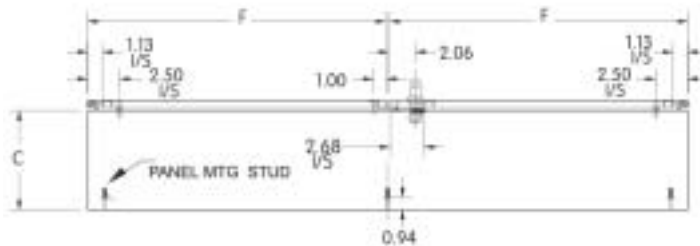


Cross Section of Handle Channel Detail

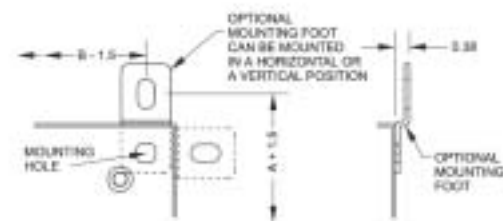


Cross Section End View of Top and Bottom

Door Cam typ 2 pls.



End View



Mounting Detail

Door & Body Flange Removed

Part No.	Overall Dimensions				# Hinges	Opt. Panel Part No.	Panel Size		Ship Wt. lbs.
	A	B	C	F			D	E	
EN4TD24428GY	24	42	8	20.88	2	EP2442	22.2	40.2	80
EN4TD30488GY	30	48	8	23.88	3	EP3048	28.2	46.2	105
EN4TD306012GY	30	60	12	29.88	3	EP3060	28.2	58.2	145
EN4TD364812GY	36	48	12	23.88	3	EP3648	34.2	46.2	135
EN4TD366012GY	36	60	12	29.88	3	EP3660	34.2	58.2	165