

# HAMMOND NEMA Metal Enclosures



## NEMA 3R GALVANIZED STEEL ENCLOSURES, HINGE DOOR WITH SNAP LATCH

### Specifications:

- Formed and spot welded from 16 gauge galvanized steel
- Drip-shield top and seam-free sides, front and back
- Galvanized steel hinge has stainless steel pin
- Provisions for padlocking on zinc-plated draw pull catch
- Easily removed knockouts on bottom of enclosure
- Panel studs provided for mounting optional panels

### Applications:

- Designed for use as a wiring/junction box
- Provides protection against rain, sleet, snow and dripping water

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Dimensions: in.			Panel Dimensions: in.		Price Each			
			H	W	D	H	W	1	2	5	10
546-C3R644HCR	C3R644HCR	A	8.00	5.10	4.00	4.25	2.25	41.45	39.01	36.57	34.13
546-C3R664HCR	C3R664HCR	A	8.00	7.10	4.00	4.25	4.25	47.74	44.93	42.12	39.31
546-C3R864HCR	C3R864HCR	A	10.00	7.10	4.00	6.25	4.25	52.94	49.82	46.71	43.60
546-C3R886HCR	C3R886HCR	A	10.00	9.10	6.00	6.25	6.25	66.98	63.04	59.10	55.16
546-C3R1086HCR	C3R1086HCR	A	12.00	9.10	6.00	8.25	6.25	74.12	69.76	65.40	61.04
546-C3R12106HCR	C3R12106HCR	A	14.00	11.10	6.00	10.25	8.25	90.24	84.93	79.62	74.31
546-C3R12126HCR	C3R12126HCR	A	14.00	13.10	6.00	10.25	10.25	99.52	93.66	87.81	81.96
546-C3R121210HCR	C3R121210HCR	A	14.00	13.10	10.00	10.25	10.25	137.29	129.22	121.14	113.06
<b>Optional Panels for C3R Series</b>											
546-N1JP64	N1JP64	-	4.25	2.25	-	-	-	4.25	4.00	3.75	3.50
546-N1JP66	N1JP66	-	4.25	4.25	-	-	-	4.28	4.03	3.78	3.53
546-N1JP86	N1JP86	-	6.25	2.25	-	-	-	5.03	4.74	4.44	4.14
546-N1JP88	N1JP88	-	6.25	6.25	-	-	-	5.90	5.55	5.21	4.86
546-N1JP108	N1JP108	-	8.25	6.25	-	-	-	6.92	6.51	6.11	5.70
546-N1JP1210	N1JP1210	-	10.25	8.25	-	-	-	9.38	8.83	8.28	7.73
546-N1JP1212	N1JP1212	-	10.25	10.25	-	-	-	11.15	10.50	9.84	9.18

## NEMA 1 PANEL ENCLOSURES

Designed for indoor use to house controls, instruments and components not requiring oil-tight or dust-tight protection.

- Enclosure is formed and spot welded from 14 gauge steel
- Removable 12 or 14 gauge inner panel is mounted in the rear of the enclosure on collar studs
- A bonding stud is provided on the door and a grounding stud is provided in the box
- Mounting holes are provided in the rear of the enclosure

Other sizes available. Contact a Mouser Service Representative.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Dimensions: in.			Panel Dimensions: in.		Price Each			
			H	W	D	H	W	1	2	5	10
546-N1A16127	N1A16127	B	16.00	12.00	7.00	13.00	10.50	162.97	153.52	144.07	134.63
546-N1A16167	N1A16167	B	16.00	16.00	7.00	13.00	14.50	184.27	173.59	162.90	152.23
546-N1A16207	N1A16207	B	16.00	20.00	7.00	13.00	18.50	205.58	193.67	181.74	169.82
546-N1A20167	N1A20167	B	20.00	16.00	7.00	17.00	14.50	205.58	193.67	181.74	169.82
546-N1A24167	N1A24167	B	24.00	16.00	7.00	21.00	14.50	227.01	213.85	200.68	187.52
546-N1A24207	N1A24207	B	24.00	20.00	7.00	21.00	18.50	256.14	241.30	226.44	211.59
546-N1A24247	N1A24247	B	24.00	24.00	7.00	21.00	22.50	282.56	265.93	249.31	232.69
546-N1A16129	N1A16129	B	16.00	12.00	9.00	13.00	10.50	176.03	165.82	155.61	145.40
546-N1A20209	N1A20209	B	20.00	20.00	9.00	17.00	18.50	261.09	253.84	237.89	221.93
546-N1A20249	N1A20249	B	20.00	24.00	9.00	17.00	22.50	278.11	261.98	245.86	229.73
546-N1A24209	N1A24209	B	24.00	20.00	9.00	21.00	18.50	277.29	261.21	245.14	229.06
546-N1A24249	N1A24249	B	24.00	24.00	9.00	21.00	22.50	309.78	291.82	273.86	255.90
546-N1A242012	N1A242012	B	24.00	20.00	12.00	21.00	18.50	298.56	281.25	263.94	246.62

## NEMA 4, 12 ECLIPSE SINGLE DOOR SERIES

Designed to enclose electrical and/or electronic equipment and protect against harsh, industrial environments for wallmount applications.

- Formed from 14 or 16 gauge steel
- Smooth, continuously welded seams ground smooth
- Oil resistant gaskets are permanently secured
- Collar studs provided for mounting inner panel (ordered separately)
- 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

Other sizes available. Contact a Mouser Service Representative.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Dimensions: in.			Price Each			
			H	W	D	1	2	5	10
546-EN4SD12126GY	EN4SD12126GY	C	12.00	12.00	6.00	213.33	200.95	188.59	176.22
546-EN4SD20166GY	EN4SD20166GY	C	20.00	16.00	6.00	274.25	234.39	217.65	203.15
546-EN4SD16208GY	EN4SD16208GY	C	16.00	20.00	8.00	273.14	257.31	241.47	225.64
546-EN4SD24248GY	EN4SD24248GY	C	24.00	24.00	8.00	351.17	331.03	310.89	290.75
546-EN4SD242420GY	EN4SD242420GY	C	24.00	24.00	20.00	500.78	423.74	393.48	367.24
<b>Optional Panels for Eclipse Enclosures</b>									
546-EP1612	EP1612	D	14.20	10.20	-	19.46	17.91	16.77	15.74
546-EP1620	EP1620	D	14.20	18.20	-	39.93	37.62	35.30	32.99
546-EP2016	EP2016	D	18.20	14.20	-	39.30	36.99	34.67	32.37
546-EP2420	EP2420	D	22.20	18.20	-	61.10	57.56	54.01	50.47
546-EP2424	EP2424	D	22.20	22.20	-	77.27	71.11	66.59	62.48

## NEMA 12, 13, 4 JIC ENCLOSURES CONTINUOUS HINGE, CLAMP COVER

Provides protection where equipment may be hosed down or otherwise be very wet, or in outdoor applications for full weather protection.

### Specifications:

- Body formed from 16 or 14 gauge steel
- Covers are formed from 14 gauge steel
- Cover is secured with stainless steel clamps and screws
- A grounding stud is provided in the enclosure and a bonding stud is provided on the door

### Finish:

- Cover and enclosure are phosphatized, primed and finished in recoatable smooth ANSI/ASA 61 Gray Powder Coating
- Removable inner panel is finished in White Powder Coating

### Applications:

- Instrument enclosures
- Electrical junction boxes
- Terminal wiring enclosures

Other sizes available. Contact a Mouser Service Representative.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Dimensions: in.			Panel Dimensions: in.		Price Each			
			H	W	D	H	W	1	2	5	10
546-1414N4PHE	1414N4PHE	E	6.00	6.00	4.00	4.88	4.88	83.55	78.71	73.86	69.02
546-1414N4PHI	1414N4PHI	E	10.00	8.00	4.00	8.75	6.88	111.28	104.82	98.38	91.92
546-1414N4PHI6	1414N4PHI6	E	10.00	8.00	6.00	8.75	6.88	133.09	128.63	120.45	113.02
546-1414N4PHO6	1414N4PHO6	E	16.00	14.00	6.00	14.75	12.88	214.55	202.11	189.67	177.24

## NEMA 4X STAINLESS STEEL JIC ENCLOSURES

Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion may be a problem.

### Specifications:

- Body formed from 14 gauge Type 304 stainless steel
- Continuous hinged cover is secured with stainless steel clamps and screws
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure

### Finish:

- Cover and enclosure are natural stainless steel with a smooth brushed finish
- Removable inner panel is finished in White Powder Coating

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Hammond Part No.	Fig.	Dimensions: in.			Panel Dimensions: in.		Price Each			
			H	W	D	H	W	1	2	5	10
546-1414N4PHSSE	1414N4PHSSE	F	6.00	6.00	4.00	4.88	4.88	238.59	224.72	210.85	196.98
546-1414N4PHSSI	1414N4PHSSI	F	10.00	8.00	4.00	8.75	6.88	329.57	310.45	291.34	272.23
546-1414N4PHSSL6	1414N4PHSSL6	F	12.00	12.00	6.00	10.75	10.88	509.19	479.62	450.05	420.49
546-1414N4PHSSO10	1414N4PHSSO10	F	16.00	14.00	10.00	14.75	12.88	743.35	700.17	656.99	613.80

**A**

- UL 50 Type 3R
- CSA Type 3R
- Complies with: NEMA Type 3R
- IEC 60529, IP24

**B**

- Enclosure and door are finished in ANSI/ASA 61 Gray Powder Coating.
- Inner panel is finished in White Powder Coating.
- UL 50 Type 1
- CSA Type 1
- Complies with: NEMA Type 1, IEC 529, IP30

**C**

- Cover and enclosure are finished in recoatable smooth ANSI/ASA 61 Gray Powder Coating.
- 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

**D**

- Larger than standard NEMA panel used in same size enclosure.
- 12 or 14 gauge steel construction.
- Slotted corner designed for easier mounting.
- Finished in White.

**E**

- UL 508 Type 3R, 4, 12 and 13
- CSA Type 3R, 4, 12, and 13
- Complies with: NEMA Type 3R, 4, 12, and 13
- JIC EGP-1-1967 (unless marked)
- IEC 529, IP66

**F**

- UL 508 Type 3R, 4, 4X, and 12
- CSA Type 3R, 4, 4X, and 12
- Complies with: NEMA Type 3R, 4, 4X, and 12
- JIC EGP-1-1967
- IEC 529, IP66

Hammond

Metal Boxes