



N12161206

Industry Standards

UL 50, Types 12 & 13
CSA Certified, Type 12
NEMA/EEMAC Type 12 & 13
JIC EL-1-71

 UL Files E6924

 CSA File LL66078

FEATURES-SPECIFICATIONS

Applications

Intended for use in housing electrical and electronic controls, instruments, components, and associated wiring, these enclosures incorporate hinged doors which provide convenient access. Designed for indoor use in protecting components from dust, dirt, oil, and water.

Construction

- Bodies and doors fabricated from 14 gauge steel
- Continuously plasma welded seams
- Door and body stiffeners are provided in larger enclosures for extra rigidity
- Rolled lip on three sides of door and all sides of enclosure opening

is provided to exclude liquids and contaminants

- Quick and easy to operate door clamps are provided
- Doors removable by pulling heavy gauge continuous hinge pin
- Hasp and staple for padlocking
- Print pocket is provided
- Doors are sealed with poured in place polyurethane gasket
- Collar studs provided for mounting **optional** sub panels
- External mounting feet for mounting enclosure
- Grounding provisions provided
- **Optional** panels must be ordered separately

Finish

- ANSI-61 gray polyester powder inside and outside over phosphatized surfaces
- **Optional** back panels are painted white polyester powder over phosphatized surfaces

Accessories

- Panels (reference tables)
- See pages J1-J19

N12 SERIES SINGLE DOOR ENCLOSURES								
CATALOG NUMBER	ENCLOSURE SIZE H X W X D	BACK PANEL CATALOG NUMBER*	BACK PANEL SIZE A X B	E	NO. OF DOOR CLAMPS	STIFFENER		
						DOOR	BODY	
N12122406 ◀	12.00x24.00x6.00 (305x610x152)	NP1224	9.00x21.00 (229x533)	0	2	No	No	
N12161206	16.00x12.00x6.00 (406x305x152)	NP1612	13.00x9.00 (330x229)	0	2	No	No	
N12161606	16.00x16.00x6.00 (406x406x152)	NP1616	13.00x13.00 (330x330)	0	2	No	No	
N12162006	16.00x20.00x6.00 (406x508x152)	NP2016	13.00x17.00 (330x432)	0	2	No	No	
N12201206 ◀	20.00x12.00x6.00 (508x305x152)	NP2012	17.00x9.00 (432x229)	0	2	No	No	
N12201606	20.00x16.00x6.00 (508x406x152)	NP2016	17.00x13.00 (432x330)	0	2	No	No	
N12202006	20.00x20.00x6.00 (508x508x152)	NP2020	17.00x17.00 (432x432)	0	2	No	No	
N12202406	20.00x24.00x6.00 (508x610x152)	NP2420	17.00x21.00 (432x533)	0	2	No	No	
N12241206	24.00x12.00x6.00 (610x305x152)	NP1224	21.00x9.00 (533x229)	0	2	No	No	
N12241606	24.00x16.00x6.00 (610x406x152)	NP2416	21.00x13.00 (533x330)	0	2	No	No	
N12242006	24.00x20.00x6.00 (610x508x152)	NP2420	21.00x17.00 (533x432)	0	2	No	No	
N12242406	24.00x24.00x6.00 (610x610x152)	NP2424	21.00x21.00 (533x533)	0	2	No	No	
N12301606 ◀	30.00x16.00x6.00 (762x406x152)	NP3016	27.00x13.00 (686x330)	0	2	No	No	
N12302006	30.00x20.00x6.00 (762x508x152)	NP3020	27.00x17.00 (686x432)	0	2	No	No	
N12302406	30.00x24.00x6.00 (762x610x152)	NP3024	27.00x21.00 (686x533)	0	2	No	No	

◀ NEW PRODUCT IN 2003

*Back panels must be ordered separately.

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N12 SERIES ENCLOSURES NEMA 12 SINGLE DOOR WALL-MOUNT

N12 SERIES SINGLE DOOR ENCLOSURES (CONT.)							
CATALOG NUMBER	ENCLOSURE SIZE H X W X D	BACK PANEL CATALOG NUMBER*	BACK PANEL SIZE A X B	E	NO. OF DOOR CLAMPS	STIFFENER	
						DOOR	BODY
N12362406◀	36.00x24.00x6.00 (914x610x152)	NP3624	33.00x21.00 (838x533)	0	2	No	No
N12363006	36.00x30.00x6.00 (914x762x152)	NP3630	33.00x27.00 (838x686)	0	2	No	Yes
N12122408	12.00x24.00x8.00 (305x610x203)	NP1224	9.00x21.00 (229x533)	0	2	No	No
N12161208	16.00x12.00x8.00 (406x305x203)	NP1612	13.00x9.00 (330x229)	0	2	No	No
N12161608	16.00x16.00x8.00 (406x406x203)	NP1616	13.00x13.00 (330x330)	0	2	No	No
N12162008◀	16.00x20.00x8.00 (406x508x203)	NP2016	13.00x17.00 (330x432)	0	2	No	No
N12201208◀	20.00x12.00x8.00 (508x305x203)	NP2012	17.00x9.00 (432x229)	0	2	No	No
N12201608	20.00x16.00x8.00 (508x406x203)	NP2016	17.00x13.00 (432x330)	0	2	No	No
N12202008	20.00x20.00x8.00 (508x508x203)	NP2020	17.00x17.00 (432x432)	0	2	No	No
N12202408	20.00x24.00x8.00 (508x610x203)	NP2420	17.00x21.00 (432x533)	0	2	No	No
N12241208	24.00x12.00x8.00 (610x305x203)	NP1224	21.00x9.00 (533x229)	0	2	No	No
N12241608	24.00x16.00x8.00 (610x406x203)	NP2416	21.00x13.00 (533x330)	0	2	No	No
N12242008	24.00x20.00x8.00 (610x508x203)	NP2420	21.00x17.00 (533x432)	0	2	No	No
N12242408	24.00x24.00x8.00 (610x610x203)	NP2424	21.00x21.00 (533x533)	0	2	No	No
N12243008	24.00x30.00x8.00 (610x762x203)	NP3024	21.00x27.00 (533x686)	0	2	No	No
N12302008	30.00x20.00x8.00 (762x508x203)	NP3020	27.00x17.00 (686x432)	0	2	No	No
N12302408	30.00x24.00x8.00 (762x610x203)	NP3024	27.00x21.00 (686x533)	0	2	No	No
N12303008	30.00x30.00x8.00 (762x762x203)	NP3030	27.00x27.00 (686x686)	0	2	No	Yes
N12303608	30.00x36.00x8.00 (762x914x203)	NP3630	27.00x33.00 (686x838)	0	2	No	Yes
N12362408	36.00x24.00x8.00 (914x610x203)	NP3624	33.00x21.00 (838x533)	0	2	No	No
N12363008	36.00x30.00x8.00 (914x762x203)	NP3630	33.00x27.00 (838x686)	0	2	No	Yes
N12363608	36.00x36.00x8.00 (914x914x203)	NP3636	33.00x33.00 (838x838)	0	2	Yes	Yes
N12422408	42.00x24.00x8.00 (1067x610x203)	NP4224	39.00x21.00 (991x533)	8.813 (224)	3	No	No
N12423008	42.00x30.00x8.00 (1067x762x203)	NP4230	39.00x27.00 (991x686)	8.813 (224)	3	Yes	Yes
N12423608	42.00x36.00x8.00 (1067x914x203)	NP4236	39.00x33.00 (991x838)	8.813 (224)	3	Yes	Yes
N12482408**	48.00x24.00x8.00 (1219x610x203)	NP4824	45.00x21.00 (1143x533)	10.313 (262)	3	No	No
N12483008**◀	48.00x30.00x8.00 (1219x762x203)	NP4830	45.00x27.00 (1143x686)	10.313 (262)	3	Yes	Yes
N12483608**	48.00x36.00x8.00 (1219x914x203)	NP4836	45.00x33.00 (1143x838)	10.313 (262)	3	Yes	Yes
N12603608**	60.00x36.00x8.00 (1524x914x203)	NP6036	57.00x33.00 (1448x838)	13.313 (338)	3	Yes	Yes
N12161210	16.00x12.00x10.00 (406x305x254)	NP1612	13.00x9.00 (330x229)	0	2	No	No
N12201610	20.00x16.00x10.00 (508x406x254)	NP2016	17.00x13.00 (432x330)	0	2	No	No
N12202010	20.00x20.00x10.00 (508x508x254)	NP2020	17.00x17.00 (432x432)	0	2	No	No
N12241210◀	24.00x12.00x10.00 (610x305x254)	NP2412	21.00x9.00 (533x229)	0	2	No	No
N12242010	24.00x20.00x10.00 (610x508x254)	NP2420	21.00x17.00 (533x432)	0	2	No	No
N12242410	24.00x24.00x10.00 (610x610x254)	NP2424	21.00x21.00 (533x533)	0	2	No	No
N12302010	30.00x20.00x10.00 (762x508x254)	NP3020	27.00x17.00 (686x432)	0	2	No	No
N12302410	30.00x24.00x10.00 (762x610x254)	NP3024	27.00x21.00 (686x533)	0	2	No	No
N12362410	36.00x24.00x10.00 (914x610x254)	NP3624	33.00x21.00 (838x533)	0	2	No	No
N12363010	36.00x30.00x10.00 (914x762x254)	NP3630	33.00x27.00 (838x686)	0	2	No	Yes
N12423010	42.00x30.00x10.00 (1067x762x254)	NP4230	39.00x27.00 (991x686)	8.813 (224)	3	Yes	Yes
N12423610	42.00x36.00x10.00 (1067x914x254)	NP4236	39.00x33.00 (991x838)	8.813 (224)	3	Yes	Yes
N12483010**	48.00x30.00x10.00 (1219x762x254)	NP4830	45.00x27.00 (1143x686)	10.313 (262)	3	Yes	Yes
N12483610**	48.00x36.00x10.00 (1219x914x254)	NP4836	45.00x33.00 (1143x838)	10.313 (262)	3	Yes	Yes
N12603610**	60.00x36.00x10.00 (1524x914x254)	NP6036	57.00x33.00 (1448x838)	13.313 (338)	3	Yes	Yes
N12201612	20.00x16.00x12.00 (508x406x305)	NP2016	17.00x13.00 (432x330)	0	2	No	No
N12242012	24.00x20.00x12.00 (610x508x305)	NP2420	21.00x17.00 (533x432)	0	2	No	No
N12242412	24.00x24.00x12.00 (610x610x305)	NP2424	21.00x21.00 (533x533)	0	2	No	No
N12302412	30.00x24.00x12.00 (762x610x305)	NP3024	27.00x21.00 (686x533)	0	2	No	No
N12303012	30.00x30.00x12.00 (762x762x305)	NP3030	27.00x27.00 (686x686)	0	2	No	Yes
N12362412	36.00x24.00x12.00 (914x610x305)	NP3624	33.00x21.00 (838x533)	0	2	No	No
N12363012	36.00x30.00x12.00 (914x762x305)	NP3630	33.00x27.00 (838x686)	0	2	No	Yes
N12363612	36.00x36.00x12.00 (914x914x305)	NP3636	33.00x33.00 (838x838)	0	2	Yes	Yes
N12423012	42.00x30.00x12.00 (1067x762x305)	NP4230	39.00x27.00 (991x686)	8.813 (224)	3	Yes	Yes

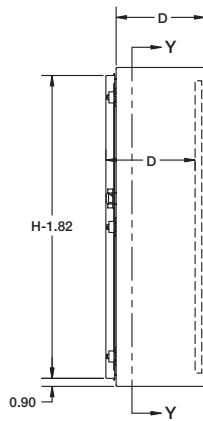
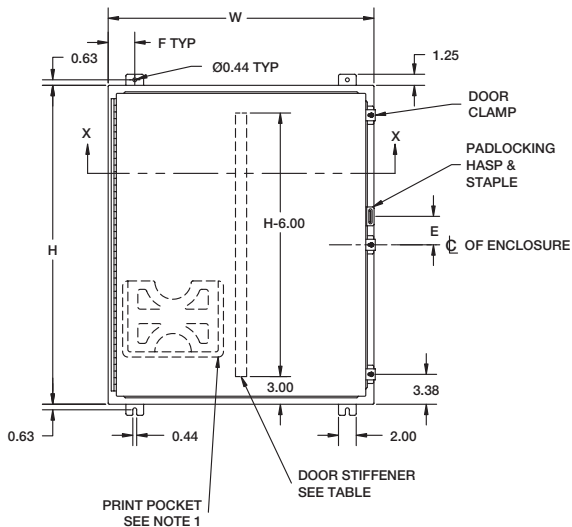
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N12 SERIES SINGLE DOOR ENCLOSURES (CONT.)								
CATALOG NUMBER	ENCLOSURE SIZE H X W X D	BACK PANEL CATALOG NUMBER*	BACK PANEL SIZE A X B	E	NO. OF DOOR CLAMPS	STIFFENER		
						DOOR	BODY	
N12423612	42.00x36.00x12.00 (1067x914x305)	NP4236	39.00x33.00 (991x838)	8.813 (224)	3	Yes	Yes	
N12483612**	48.00x36.00x12.00 (1219x914x305)	NP4836	45.00x33.00 (1143x838)	10.313 (262)	3	Yes	Yes	
N12603612**	60.00x36.00x12.00 (1524x914x305)	NP6036	57.00x33.00 (1448x838)	13.313 (338)	3	Yes	Yes	
N12723012**	72.00x30.00x12.00 (1829x762x305)	NP7230	69.00x27.00 (1753x686)	0	4	Yes	Yes	
N12723612**	72.00x36.00x12.00 (1829x914x305)	NP7236	69.00x33.00 (1753x838)	0	4	Yes	Yes	
N12242016**	24.00x20.00x16.00 (610x508x406)	NP2420	21.00x17.00 (533x432)	0	2	No	No	
N12242416**	24.00x24.00x16.00 (610x610x406)	NP2424	21.00x21.00 (533x533)	0	2	No	No	
N12302416**	30.00x24.00x16.00 (762x610x406)	NP3024	27.00x21.00 (686x533)	0	2	No	No	
N12363016**	36.00x30.00x16.00 (914x762x406)	NP3630	33.00x27.00 (838x686)	0	2	No	Yes	
N12423616** ◀	42.00x36.00x16.00 (1067x914x406)	NP4236	39.00x33.00 (991x838)	8.813 (224)	3	Yes	Yes	
N12483616**	48.00x36.00x16.00 (1219x914x406)	NP4836	45.00x33.00 (1143x838)	10.313 (262)	3	Yes	Yes	
N12603616**	60.00x36.00x16.00 (1524x914x406)	NP6036	57.00x33.00 (1448x838)	13.313 (338)	3	Yes	Yes	
N12723016**	72.00x30.00x16.00 (1829x762x406)	NP7230	69.00x27.00 (1753x686)	0	4	Yes	Yes	
N12302420**	30.00x24.00x20.00 (762x610x508)	NP3024	27.00x21.00 (686x533)	0	2	No	No	
N12363020**	36.00x30.00x20.00 (914x762x508)	NP3630	33.00x27.00 (838x686)	0	2	No	Yes	
N12483620**	48.00x36.00x20.00 (1219x914x508)	NP4836	45.00x33.00 (1143x838)	10.313 (262)	3	Yes	Yes	
N12603620**	60.00x36.00x20.00 (1524x914x508)	NP6036	57.00x33.00 (1448x838)	13.313 (338)	3	Yes	Yes	
N12302424**	30.00x24.00x24.00 (762x610x610)	NP3024	27.00x21.00 (686x533)	0	2	No	No	

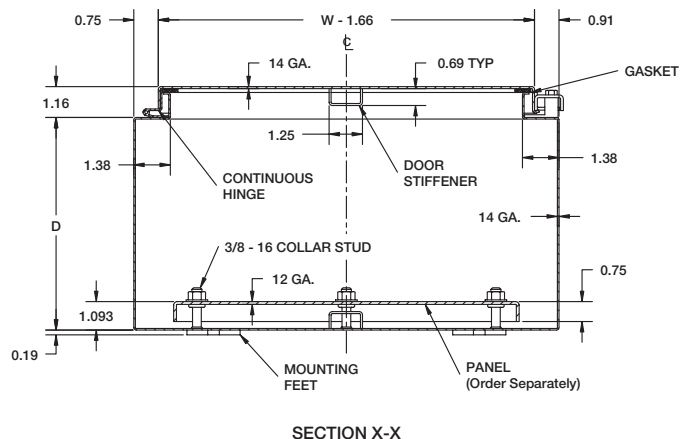
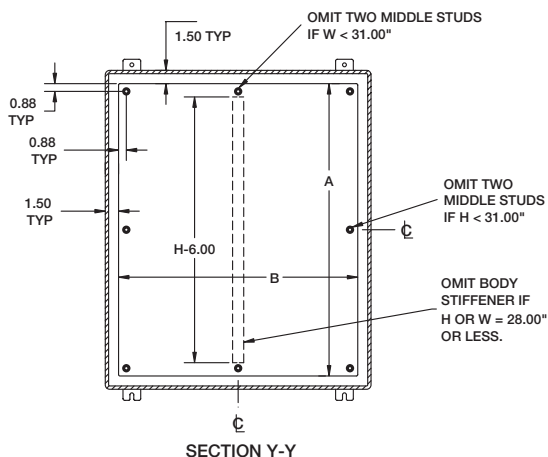
◀ **NEW PRODUCT IN 2003** *Back panels must be ordered separately.

** Enclosures are supplied with closed cell neoprene gasket (not foam-in-place)



NOTES:

1. Large print pocket (8X10) is furnished if H = 20.00" or more and W = 20.00" or more. Otherwise small (6X6) print pocket is provided.
2. Panels are made from 12 Ga. steel.
3. Panels have flanges along all sides when either dimension exceeds 17".
4. The number of door clamps is dependent on size of enclosure. Clamps are furnished on right side of door.
5. F = 3" when W is 16" or greater and F = 1-1/4" when W is 12" or less.



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**NP SERIES BACK PANELS
ACCESSORY PANELS FOR NEMA 1, 3R, 12, 4 & 4X WALL-MOUNTS**

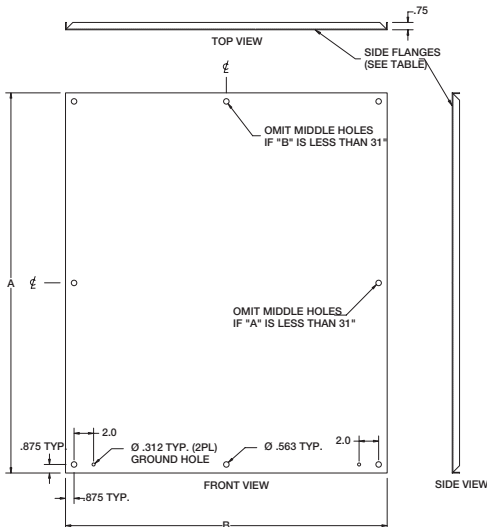


NP1212

FEATURES-SPECIFICATIONS

Description

- Steel and stainless panels are 12 gauge
 - Aluminum panels are 5052-H32 aluminum alloy, .080-inch thick
 - Panel with any side over 17.00" has 3/4" flange on all sides
 - Steel panels are painted white polyester powder
 - Panels fit the following enclosures:
 - NEMA 1, Large (NIC)
 - NEMA 3R, Hinge Cover (RHC, Large)
 - NEMA 4, 412, & 4X Single Door (N12, N4, N412, SSN4)
 - NEMA 12 2-Door Wall-Mount, (WAWF), Single Door
- Right Flange Disconnect (SDN12, ABN12)
Large JIC (B-CH, Large)
Single door N12



BACK PANELS FOR NEMA 1, 3R, 12, 4 & 4X WALL-MOUNT ENCLOSURES			
PAINTED STEEL (WHITE)	CATALOG NUMBER		PANEL SIZE A X B
	316 STAINLESS STEEL	ALUMINUM	
NP1212	—	—	9.00X9.00 (229X229)
NP1224	—	—	9.00X21.00 (229X533)
NP1612	NP1612SSA	ALNP1612	13.00X9.00 (330X229)
NP1616	NP1616SSA	ALNP1616	13.00X13.00 (330X330)
NP1620	—	—	17.00X13.00 (432X330)
NP2012	—	—	17.00X9.00 (432X229)
NP2016	NP2016SSA	ALNP2016	17.00X13.00 (432X330)
NP2024	—	—	21.00X17.00 (533X432)
NP2020	NP2020SSA	ALNP2020	17.00X17.00 (432X432)
NP2412	—	—	21.00X9.00 (533X229)
NP2416	NP2416SSA	—	21.00X13.00 (533X330)
NP2420	NP2420SSA	ALNP2420	21.00X17.00 (533X432)
NP2424	NP2424SSA	ALNP2424	21.00X21.00 (533X533)
NP2430	—	—	27.00X21.00 (686X533)
NP3016	—	—	27.00X13.00 (686X330)
NP3020	NP3020SSA	—	27.00X17.00 (686X432)
NP3024	NP3024SSA	ALNP3024	27.00X21.00 (686X533)
NP3030	NP3030SSA	—	27.00X27.00 (686X686)
NP3036	—	—	33.00X27.00 (838X686)
NP3042	—	—	39.00X27.00 (991X686)
NP3624	NP3624SSA	ALNP3624	33.00X21.00 (838X533)
NP3630	NP3630SSA	ALNP3630	33.00X27.00 (838X686)
NP3636	NP3636SSA	—	33.00X33.00 (838X838)
NP3642	—	—	39.00X33.00 (991X838)
NP4024	—	—	37.00X21.00 (940X533)
NP4224	—	—	39.00X21.00 (991X533)
NP4230	NP4230SSA	—	39.00X27.00 (991X686)
NP4236	NP4236SSA	—	39.00X33.00 (991X838)
NP4824	—	—	45.00X21.00 (1143X533)
NP4830	—	—	45.00X27.00 (1143X686)
NP4836	NP4836SSA	ALNP4836	45.00X33.00 (1143X838)
NP6030	—	—	57.00X27.00 (1448X686)
NP6036	NP6036SSA	ALNP6036	57.00X33.00 (1448X838)
NP7230	—	—	69.00X27.00 (1753X686)
NP7236	—	—	69.00X33.00 (1753X838)