

1420 Series Panel Enclosure

Non-Ventilated - NEMA 1

Commercial Enclosures



**Inner
Panel
Included**



Application

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

Standards

- UL 508 Type 1
- CSA Type 1
- **Complies with**
 - NEMA Type 1
 - IEC 60529, IP20

Construction

- Enclosure is formed and spot welded from 12 or 14 gauge steel.
- Removable 12 gauge inner panel is mounted to the rear of the enclosure on collar studs.
- Removable door is attached with slip hinges.
- To remove door, a tool is required to remove the #8 screw which captivates hinge.
- Door is fastened with a slotted 1/4 turn latch; doors 30" and higher are provided with two latches.
- A bonding stud is provided on the door and a grounding stud is provided in the box.
- Piano hinge on 12 gauge units

Finish

- Enclosure and door are finished in ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

Accessories

- Additional inner panels...*see page 438*
- Lock kit for NEMA 1 enclosures (Part No. **1427LKN1**)...*see page 431*
- Louvered ventilating plates...*see page 402*
- Window kits...*see page 449*
- Padlock Adaptor...*see page 435*

Panel Enclosures

Part No.	Mounting Centers			Panel Size						Ship Wt. lbs
	A	B	C	J	F	D	E	H	O	
1420B7	16	12	7	17.50	9.50	14	10	5.88	—	26
1420C7	20	16	7	21.50	10.00	18	14	5.88	—	39
1420D7	20	20	7	21.50	14.00	18	18	5.88	—	48
1420E7	24	20	7	25.50	14.00	22	18	5.88	—	53
1420F7	30	20	7	31.50	14.00	28	18	5.88	6.16	67
1420G7	30	24	7	31.50	18.00	28	22	5.88	6.16	79
1420H7	36	24	7	37.50	18.00	34	22	5.88	7.16	90
1420E9	24	20	9	25.50	14.00	22	18	7.88	—	60
1420EM9	24	24	9	25.50	18.00	22	22	7.88	—	71
1420G9	30	24	9	31.50	18.00	28	22	7.88	6.16	84

¹ 12 gauge construction

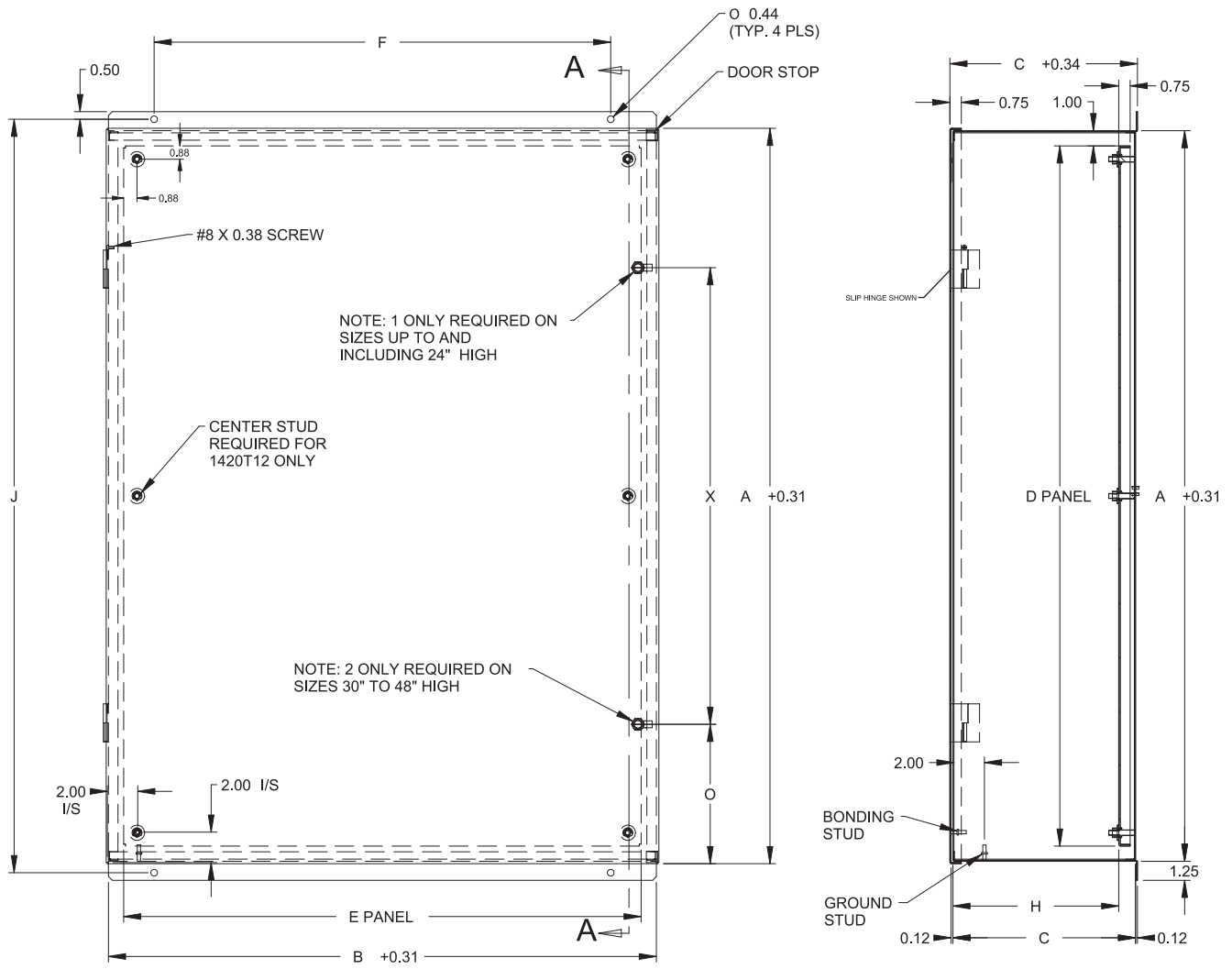
All dimensions in inches unless specified otherwise

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FRONT VIEW

SECTION A-A

When A=	X=
30	18.00
36	22.00
42	26.00
48	30.00

Part No.	Mounting Centers					Panel Size				Ship Wt. lbs
	A	B	C	J	F	D	E	H	O	
1420H9	36	24	9	37.50	18.00	34	22	7.88	7.16	98
1420P9	36	30	9	37.50	24.00	34	28	7.88	7.16	118
1420Q9	42	24	9	43.50	18.00	40	22	7.88	8.16	111
1420G12	30	24	12	31.50	18.00	28	22	10.88	6.16	92
1420P12	36	30	12	37.50	24.00	34	28	10.88	7.16	128
1420R12 ¹	42	30	12	43.50	24.00	40	28	10.88	8.16	142
1420S12 ¹	42	36	12	43.50	30.00	40	34	10.88	8.16	156
1420T12 ¹	48	36	12	49.50	30.00	46	34	10.88	9.16	214
1420G16	30	24	16	31.50	18.00	28	22	14.88	6.16	105
1420P16	36	30	16	37.50	24.00	34	28	14.88	7.16	144

¹ 12 gauge construction

All dimensions in inches unless specified otherwise