

# 1420 Series Panel Enclosure

## Non-Ventilated - NEMA 1



**Inner  
Panel  
Included**



Commercial Enclosures

### 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 on models marked<sup>1</sup>
- CSA Type 1
- **Complies with**
  - NEMA Type 1
  - IEC 60529, IP20

### Construction

- Enclosure is formed and spot welded from 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.

### 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 434*
- Lock kit for NEMA 1 enclosures (Part No. 1427LKN1)...*see page 428*
- Louvered ventilating plates  
...*see page 450*
- Window kits...*see page 444*
- Padlock Adaptor (Part No. EJPA)  
...*see page 432*

Panel Enclosures

Part No.	Mounting Centers					Panel Size				Ship Wt. lbs
	A	B	C	J	F	D	E	H	O	
1420B7 <sup>1,2</sup>	16	12	7	17.50	9.50	14	10	5.88	—	26
1420C7 <sup>1,2</sup>	20	16	7	21.50	10.00	18	14	5.88	—	39
1420D7 <sup>1,2</sup>	20	20	7	21.50	14.00	18	18	5.88	—	48
1420E7 <sup>1</sup>	24	20	7	25.50	14.00	22	18	5.88	—	53
1420F7 <sup>1</sup>	30	20	7	31.50	14.00	28	18	5.88	6.16	67
1420G7 <sup>1</sup>	30	24	7	31.50	18.00	28	22	5.88	6.16	79
1420H7 <sup>1</sup>	36	24	7	37.50	18.00	34	22	5.88	7.16	90
1420E9 <sup>1</sup>	24	20	9	25.50	14.00	22	18	7.88	—	60
1420EM9 <sup>1</sup>	24	24	9	25.50	18.00	22	22	7.88	—	71
1420G9 <sup>1</sup>	30	24	9	31.50	18.00	28	22	7.88	6.16	84

1 UL Listed

2 Flat Panel

Technical references and DXF downloads available at [www.hamfmg.com](http://www.hamfmg.com)

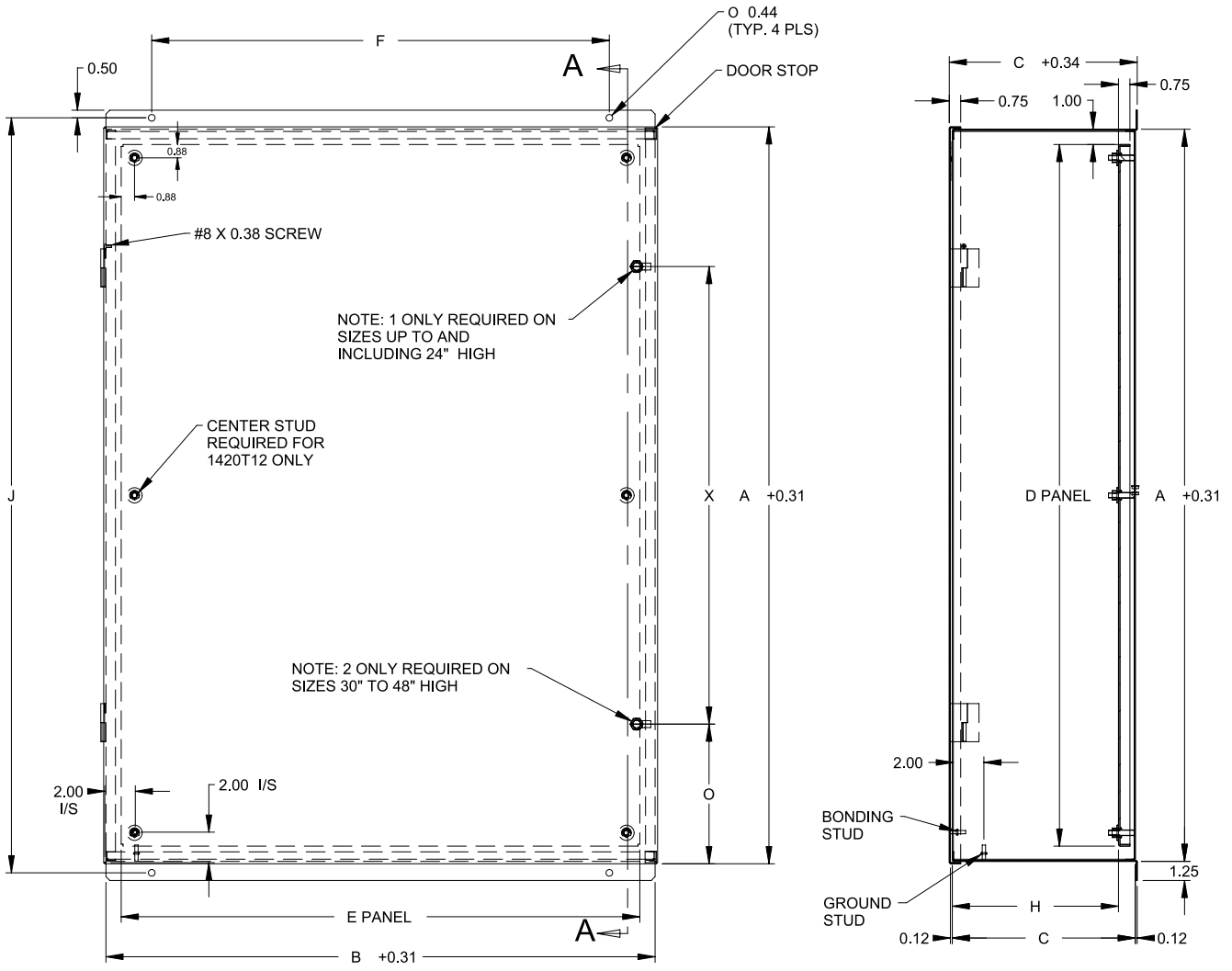
All dimensions in inches unless specified otherwise

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Commercial Enclosures

Panel Enclosures



**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 <sup>1</sup>	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 <sup>1</sup>	42	24	9	43.50	18.00	40	22	7.88	8.16	111
1420G12 <sup>1</sup>	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	42	30	12	43.50	24.00	40	28	10.88	8.16	142
1420S12	42	36	12	43.50	30.00	40	34	10.88	8.16	156
1420T12	48	36	12	49.50	30.00	46	34	10.88	9.16	214
1420G16 <sup>1</sup>	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 UL Listed      2 Flat Panel

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All dimensions in inches unless specified otherwise

**Quality Enclosures. Service Excellence.**