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***ELECTRICAL ENCLOSURES
AND MODULAR CABINETS***

19



***EXM MANUFACTURING LTD.
Since 1975***



Water, oil & dust tight enclosures

The 5412 ES water, oil & dust tight enclosures are used indoors or outdoors in areas where the enclosures may be subject to hosing or water coming from any direction, or for protection against dust, dirt or oil splashing. The 5412 ES are made of high quality 14 GA or 16 GA steel, with continuously welded corner seams. The opening has a curled lip around all sides to increase rigidity and prevent dripping water from entering the enclosure when the

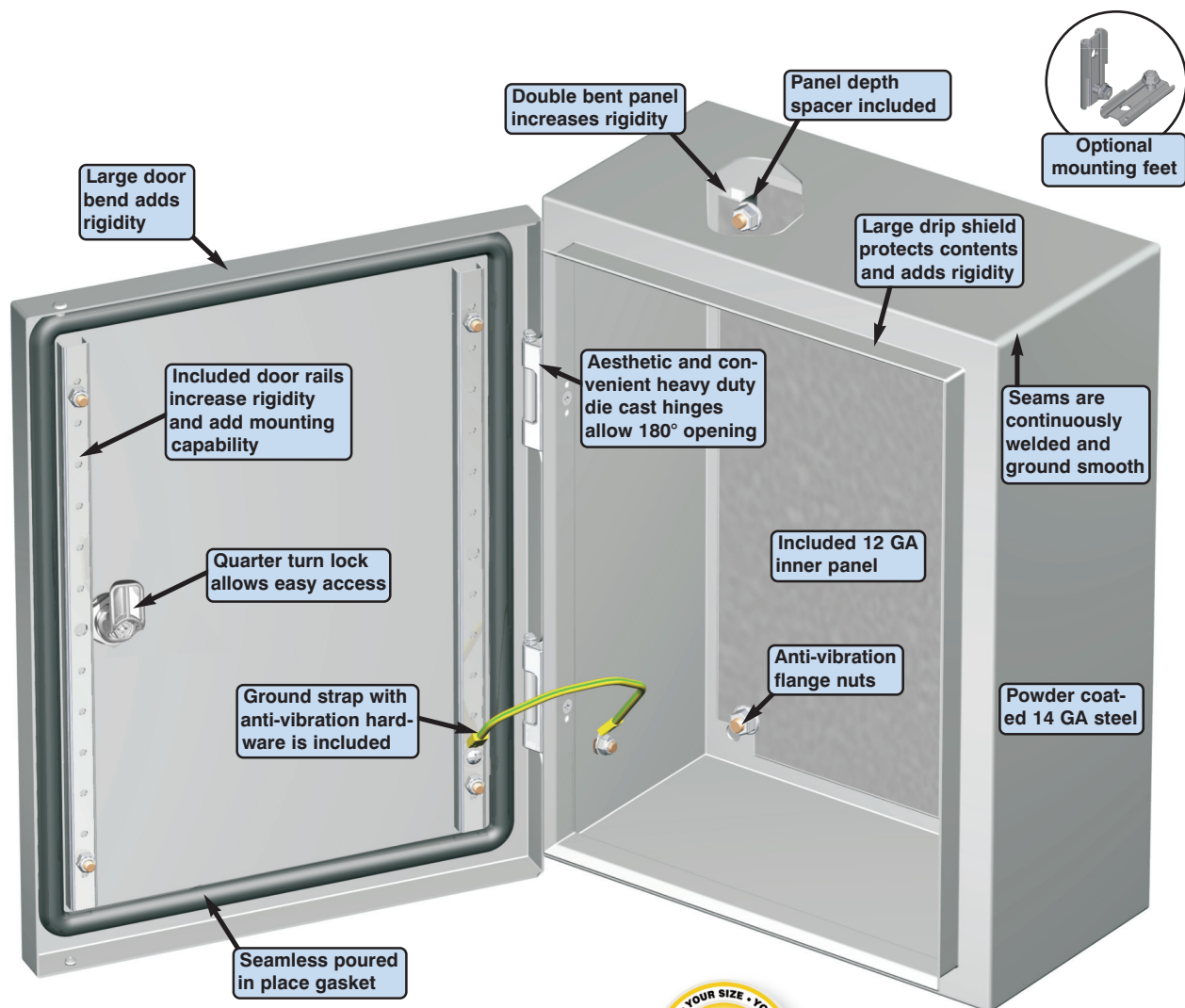
door is open. A high quality, robotically poured-in-place, seamless gasket ensures a complete and durable water tight seal. The pins of the concealed hinges can be pulled out to remove the door.

A 1/4 turn locking mechanism (or 3 point latch system on larger enclosures) ensures positive closing. Internal mounting holes are provided. **Each enclosure comes complete with a 12 GA galvanized inner panel,** which is

double bent* for maximum rigidity and mounts on M8 welded studs. Enclosures are finished with heat fused powder paint, electrostatically applied on a pre-treated base. Box is ANSI/ASA 61 smooth gray.

**CSA Certified / UL Listed
NEMA/EEMAC 4-12 / IP66**

Refer to p.796 to validate choice of substrate for the application

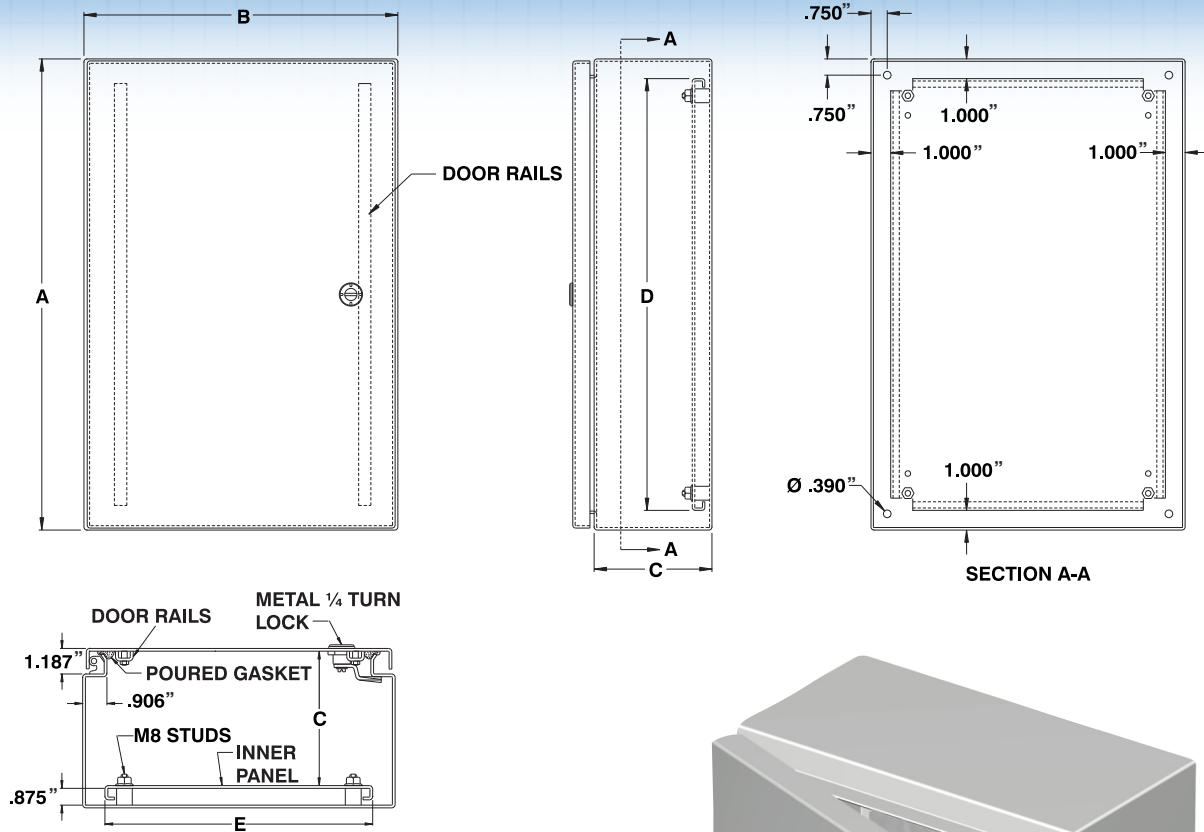


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CATALOG NUMBER	DIMENSIONS					SHIP WTGHT LBS.
	A	B	C	D	E	
5412 ES121206	12	12	6	10	10	19
5412 ES122406	12	24	6	10	22	35
5412 ES161206	16	12	6	14	10	24
5412 ES161606	16	16	6	14	14	31
5412 ES162006	16	20	6	14	18	37
5412 ES122408	12	24	8	10	22	38
5412 ES161208	16	12	8	14	10	27
5412 ES161608	16	16	8	14	14	34
5412 ES162008	16	20	8	14	18	41
5412 ES161210	16	12	10	14	10	30

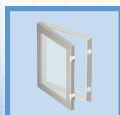
* Only panels with sides 20" or more are double bent.



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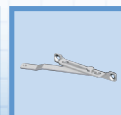
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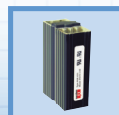
p.638



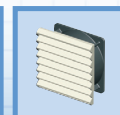
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p.670



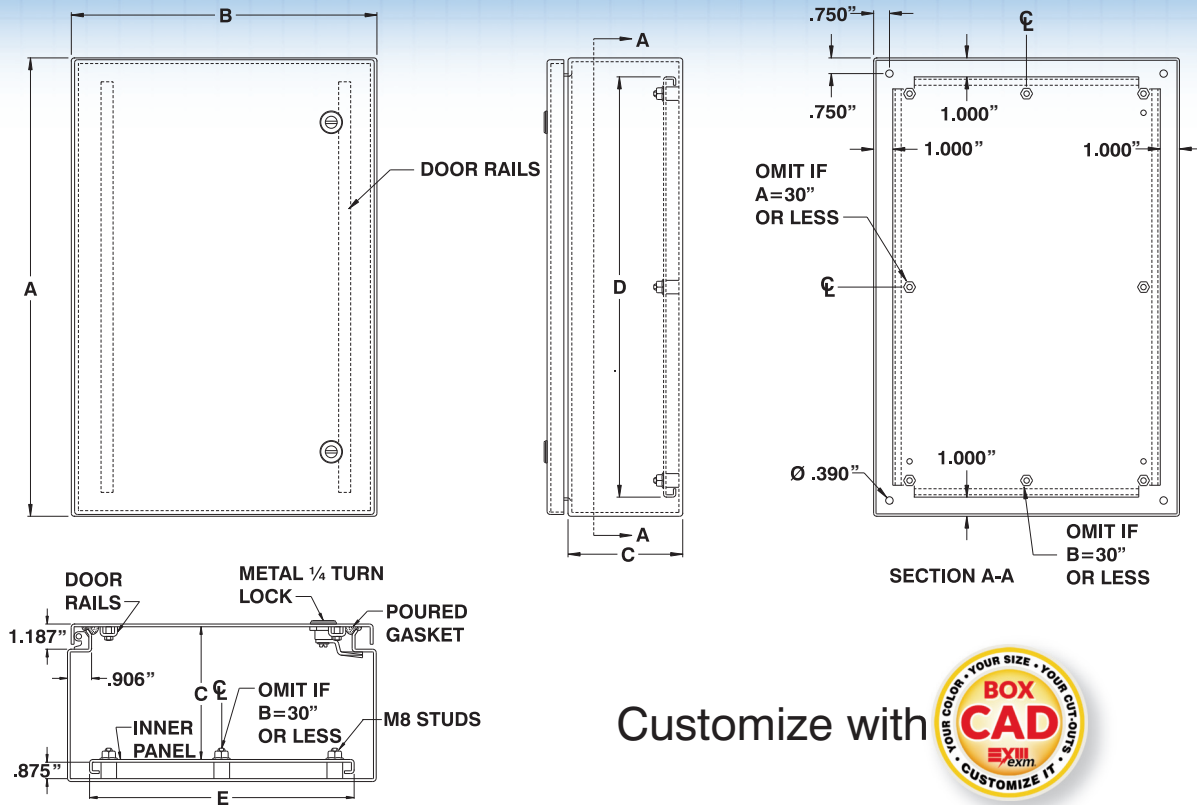
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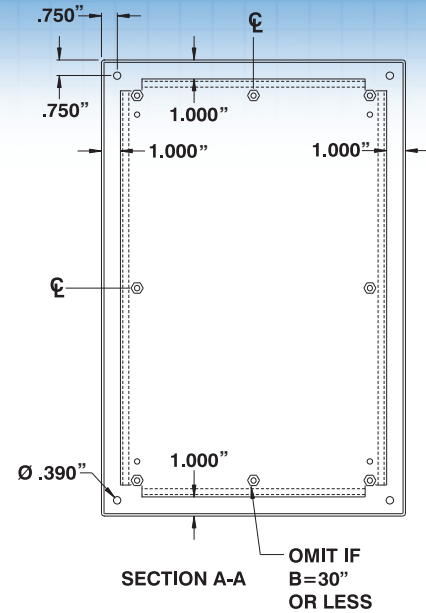
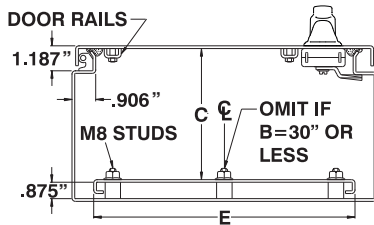
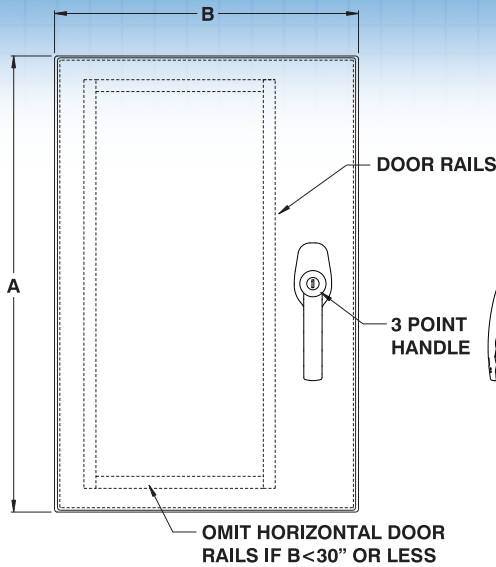


CATALOG NUMBER	DIMENSIONS					SHIP WGHT LBS.
	A	B	C	D	E	
5412 ES201206	20	12	6	18	10	29
5412 ES201606	20	16	6	18	14	37
5412 ES202006	20	20	6	18	18	45
5412 ES202406	20	24	6	18	22	53
5412 ES241206	24	12	6	22	10	35
5412 ES241606	24	16	6	22	14	44
5412 ES242006	24	20	6	22	18	53
5412 ES242406	24	24	6	22	22	62
5412 ES301606	30	16	6	28	14	53
5412 ES302006	30	20	6	28	18	65
5412 ES302406	30	24	6	28	22	76
5412 ES362406	36	24	6	34	22	90
5412 ES363006	36	30	6	34	28	109
5412 ES201208	20	12	8	18	10	33
5412 ES201608	20	16	8	18	14	41
5412 ES202008	20	20	8	18	18	49
5412 ES202408	20	24	8	18	22	57
5412 ES241208	24	12	8	22	10	38
5412 ES241608	24	16	8	22	14	48
5412 ES242008	24	20	8	22	18	57
5412 ES242408	24	24	8	22	22	67
5412 ES243008	24	30	8	22	28	81
5412 ES301208	30	12	8	28	10	46
5412 ES301608	30	16	8	28	14	58
5412 ES302008	30	20	8	28	18	70
5412 ES302408	30	24	8	28	22	81
5412 ES303008	30	30	8	28	28	98
5412 ES303608	30	36	8	28	34	116
5412 ES362408	36	24	8	34	22	95
5412 ES363008	36	30	8	34	28	116

CATALOG NUMBER	DIMENSIONS					SHIP WGHT LBS.
	A	B	C	D	E	
5412 ES363608	36	36	8	34	34	136
5412 ES201610	20	16	10	18	14	44
5412 ES202010	20	20	10	18	18	53
5412 ES241210	24	12	10	22	10	42
5412 ES242010	24	20	10	22	18	62
5412 ES242410	24	24	10	22	22	71
5412 ES302010	30	20	10	28	18	74
5412 ES302410	30	24	10	28	22	86
5412 ES303010	30	30	10	28	28	100
5412 ES362410	36	24	10	34	22	101
5412 ES363010	36	30	10	34	28	122
5412 ES201612	20	16	12	18	14	48
5412 ES202012	20	20	12	18	18	57
5412 ES202412	20	24	12	18	22	66
5412 ES242012	24	20	12	22	18	66
5412 ES242412	24	24	12	22	22	76
5412 ES302412	30	24	12	28	22	92
5412 ES303012	30	30	12	28	28	110
5412 ES362412	36	24	12	34	22	107
5412 ES363012	36	30	12	34	28	129
5412 ES363612	36	36	12	34	34	150
5412 ES242016	24	20	16	22	18	74
5412 ES242416	24	24	16	22	22	86
5412 ES302416	30	24	16	28	22	102
5412 ES362416	36	24	16	34	22	119
5412 ES363016	36	30	16	34	28	142
5412 ES302420	30	24	20	28	22	113
5412 ES363020	36	30	20	34	28	155
5412 ES302424	30	24	24	28	22	123

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CATALOG NUMBER	DIMENSIONS					SHIP WGHT LBS.
	A	B	C	D	E	
5412 ES422408	42	24	8	40	22	110
5412 ES423008	42	30	8	40	28	133
5412 ES423608	42	36	8	40	34	156
5412 ES482408	48	24	8	46	22	124
5412 ES483008	48	30	8	46	28	150
5412 ES483608	48	36	8	46	34	177
5412 ES603608	60	36	8	58	34	218
5412 ES423010	42	30	10	40	28	140
5412 ES423610	42	36	10	40	34	164
5412 ES483010	48	30	10	46	28	158
5412 ES483610	48	36	10	46	34	185
5412 ES603610	60	36	10	58	34	227
5412 ES422412	42	24	12	40	22	118
5412 ES423012	42	30	12	40	28	147
5412 ES423612	42	36	12	40	34	172
5412 ES482412	48	24	12	46	22	138
5412 ES483612	48	36	12	46	34	193
5412 ES602412	60	24	12	58	22	169
5412 ES603612	60	36	12	58	34	236
5412 ES723012	72	30	12	70	28	240
5412 ES723612	72	36	12	70	34	279
5412 ES423616	42	36	16	40	34	187
5412 ES483616	48	36	16	46	34	210
5412 ES603616	60	36	16	58	14	255
5412 ES723016	72	30	16	70	28	260
5412 ES723616	72	36	16	70	34	301
5412 ES483620	48	36	20	46	34	226
5412 ES603620	60	36	20	58	34	274
5412 ES723020	72	30	20	70	28	280
5412 ES723024	72	30	24	70	28	300



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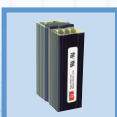
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**870, Michele-Bohec Blvd.
Blainville (Quebec) J7C 5E2**

Tel.: (450) 979-4373

Fax: (450) 979-4626



**6010, Edwards Blvd.
Mississauga (Ontario) L5T 2W3**

Tel.: (905) 812-8065



**153, Northboro Road, Suite 9
Southborough (MA) 01772**

Tel.: (508) 624-8440

Fax: (866) 499-7490



**Building 21, No. 6, Maqiao Road
Changshu City, Jiangsu Prov.,
215513**

Tel.: +86 512 52190353 #702



**2450, Meadowpine Blvd.
Mississauga (Ontario) L5N 7X5**

Tel.: (905) 812-8065

Fax: (905) 812-9158



**5650, Stratum Drive
Fort Worth (TX) 76137**

Tel.: (817) 306-6166

Fax: (866) 324-4541



**18 Rong An Jie, Wuzhong Qu
Suzhou City, Jiangsu Prov.,
31.317749, 120.720074**

Tel.: +86 512 52190353 #702

EXM toll free numbers:

Tel.: 1 (800) 363-2423

Fax: 1 (800) 594-9595

www.exmweb.com

email: info@exmweb.com



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