

## Junction Boxes General Purpose, Weatherproof

### NEMA TYPE 1, NEMA TYPE 4 (OPTIONAL)

**JP** (UNFLANGED TYPE FOR SURFACE MOUNTING)

**JF** (FLANGED TYPE FOR SURFACE MOUNTING)

**JR** (RECESSED COVER TYPE FOR FLUSH MOUNTING)

**JH** (HINGED COVER TYPE FOR SURFACE MOUNTING)

**JU** (ABOVE GROUND TYPE FOR CONDUIT MOUNTING)

#### APPLICATIONS:

Designed for installation in electrical systems requiring rugged applications.

- Wiring: pull boxes, splices, taps and terminal strips.
- Housing for apparatus, instruments, terminal strips and other equipment.

#### FEATURES:

- Rugged sand-cast copper-free aluminum alloy, 0.3% maximum copper content.
- Tumbled for quality appearance.
- Boxes are furnished complete with cover, neoprene gasket and stainless steel cover bolts, except "JU Series" enclosures, which are furnished with steel zinc dichromate plated cover bolts.
- Grounding screw standard.

#### OPTIONS:

- Cast-on mounting buttons, bosses and pads available for terminal block or equipment mounting.
- Conduit openings available, drilled and tapped or drilled slip fit for type 1 applications, to customer requirements.
- NEMA type 4, standard on JR Series when used for direct burial in concrete or cinder fill, JF, JP and JH require addition of mounting lugs, cast on long side unless otherwise specified. Wall thickness must be 5/16" or greater for conduit sizes up to 2" NPT to permit, not less than 3-1/2 threads of engagement. Enclosures with less than 5/16" wall thickness require padded conduit entrances to maintain 3-1/2 thread engagement.

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#### Compliances

 CSA STANDARD C22.2 No. 18

 UL STANDARD 50

CONTACT FACTORY FOR SPECIFIC UL, CSA, FILE NUMBERS

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## Junction Boxes General Purpose, Weatherproof

### UNFLANGED TYPE FOR SURFACE MOUNTING



Catalog Number	Nominal Inside Dimensions (Inches)			Wall Thick. Inches	Ship. Wt. Lbs.
	W	L	D		
JP 020401	2-3/4	4-1/4	1-3/16	1/8	1
JP 030302	3-1/2	3-1/2	2-1/8	1/8	1
JP 030303	3-9/16	3-9/16	2-7/16	5/16	2
JP 040403	4	4	2-1/2	5/32	1-1/2
JP 040404	4	4	4	1/4	3
JP 040603	4	6	2-1/2	1/4	3
JP 040604	4	6	4	7/32	4
JP 040804	4	8	4	5/16	6
JP 041204	4	12	4	5/16	8
JP 060603	6	6	3-1/2	5/16	6
JP 060604	6	6	4	5/16	6
JP 060606	6	6	6	5/16	7
JP 060804	6	8	4	5/16	7
JP 060806	6	8	6	5/16	10
JP 061004	6	10	4	5/16	9
JP 061204	6	12	4	5/16	10
JP 061206	6	12	6	5/16	11
JP 080804	8	8	4	5/16	9
JP 080806	8	8	6	5/16	11
JP 080808	8	8	8	5/16	12
JP 081004	8	10	4	5/16	9
JP 081006	8	10	6	5/16	13
JP 081008	8	10	8	5/16	15
JP 081204	8	12	4	5/16	11
JP 081206	8	12	6	5/16	16
JP 101204	10	12	4	5/16	12
JP 101206	10	12	6	5/16	18
JP 101208	10	12	8	5/16	21

Catalog Number	Nominal Inside Dimensions (Inches)			Wall Thick. Inches	Ship. Wt. Lbs.
	W	L	D		
JP 121204	12	12	4	5/16	17
JP 121206	12	12	6	5/16	21
JP 121208	12	12	8	5/16	24
JP 121604	12	16	4	5/16	17
JP 121606	12	16	6	5/16	21
JP 121608	12	16	8	5/16	26
JP 121806	12	18	6	5/16	26
JP 121810	12	18	10	5/16	36
JP 122406	12	24	6	5/16	38
JP 122408	12	24	8	5/16	48
JP 123606	12-1/8	36-1/2	6	1/2	82
JP 141406	14	14	6	5/16	25
JP 151508	15	15	8	3/8	32
JP 181806	18	18	6	5/16	57
JP 181808	18	18	8	5/16	48
JP 181810	18	18	10	5/16	53
JP 181812	18	18	12	5/16	63
JP 182408	18	24	8	3/8	65
JP 183606	18	36	6	1/2	94
JP 183608	18	36	8	1/2	126
JP 242408	24	24	8	3/8	80
JP 242410	24	24	10	5/16	92
JP 243008	23-3/4	23-3/4	8	3/8	94
JP 243606	24	36	6	1/2	114
JP 243608	24-1/8	36-1/8	8	3/8	113
JP 243612	24	36	12	1/2	173
JP 363612	36	36	12	1/2	226

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 CSA Certified LR28852

 UL Listed E33075


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### FLANGED TYPE FOR SURFACE MOUNTING

Catalog Number	Nominal Inside Dimensions (Inches)			Wall Thick. Inches	Ship. Wt. Lbs.
	W	L	D		
JF 060604	6	6	4	1/4	5-1/2
JF 060606	6	6	6	1/4	8
JF 060804	6	8	4	7/32	6
JF 060806	6	8	6	1/4	9
JF 061206	6	11-13/16	6	1/4	11
JF 080804	8	8	4	3/8	11
JF 080806	8	8	6	3/8	13-1/2
JF 081206	8	12	6	5/16	14-1/2
JF 121206	12	12	6	1/4	17
JF 121208	12	12	8	1/4	20
JF 121810	12	18	10	5/16	47
JF 122406	12	24	6	3/8	35
JF 122408	12	24	8	7/16	62
JF 183608	18	36	8	1/2	157



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### RECESSED COVER TYPE FOR FLUSH MOUNTING

Catalog Number	Nominal Inside Dimensions (Inches)			Wall Thick. Inches	Ship. Wt. Lbs.
	W	L	D		
JR 040404	4	4	4	1/4	5
JR 040604	4	6	4	1/4	6
JR 060604	6	6	4	1/4	5-1/2
JR 060606	6	6	6	1/4	8
JR 060804	6	8	4	1/4	6
JR 060806	6	8	6	1/4	9
JR 061006	6	10	6	1/4	12
JR 061206	6	12	6	1/4	14
JR 080804	8	8	4	3/8	12
JR 080806	8	8	6	3/8	14
JR 080808	8	8	8	3/8	18
JR 081206	8	12	6	5/16	15
JR 101006	10	10	6	1/4	18
JR 121206	12	12	6	1/4	19
JR 121208	12	12	7-15/16	1/4	20
JR 121810	12	18	10	5/16	48
JR 122406	12	24	6	3/8	36
JR 161606	16-1/4	16-1/4	6	5/16	34
JR 161808	16	18	8	3/8	44
JR 161810	16	18	10	3/8	50
JR 181812	18-3/16	18-3/16	12-5/32	5/16	66
JR 183608	18	36	8	1/2	150



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All JR style weatherproof cast aluminum junction boxes are coated with a black asphalt paint - for direct burial in concrete or cinder fill and are UL approved for this application. Covers are plain with no coating. Covers have rubber stamped marking "Suitable for use in concrete or cinder fill".



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## HINGED COVER TYPE FOR SURFACE MOUNTING

Catalog Number	Nominal Inside Dimensions (Inches)			Wall Thick. Inches	Ship. Wt. Lbs.
	W	L	D		
<b>With 2 Hinges and 1 Wing Bolt</b>					
JH 060604	6	6	4	1/4	6
JH 060606	6	6	6	1/4	8
JH 060804	5-15/16	8	4	1/4	8
JH 060806	5-15/16	8	6	1/4	9
<b>With 2 Hinges and 2 Wing Bolts</b>					
JH 061004	5-15/16	10	4	1/4	10
JH 061204	5-15/16	11-7/8	3-15/16	1/4	10-1/2
JH 061206	5-15/16	11-7/8	6	1/4	13-1/2
JH 080804	8	8	4	1/4	9-1/2
JH 080806	8	8	6	1/4	11-1/2
JH 080808	8	8	8	1/4	13
JH 081004	8	10	4	1/4	11
JH 081006	8	10	6	1/4	12
JH 081008	8	10	8	1/4	14
JH 081204	8	12	4	1/4	12
JH 081206	8	12	6	1/4	14-1/2
<b>With 2 Hinges and 4 Wing Bolts</b>					
JH 101204	10	12	4	1/4	15
JH 101206	10	12	6	1/4	17
JH 101208	10	12	8	1/4	19
JH 121204	12	12	4	1/4	17-1/2
JH 121206	12	12	6	1/4	21-1/2
JH 121208	12	12	8	1/4	24-1/2



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Catalog Number	Nominal Inside Dimensions (Inches)			Wall Thick. Inches	Ship. Wt. Lbs.
	W	L	D		
<b>With 2 Hinges and 4 Wing Bolts</b>					
JH 121604	12	16	4	1/4	21
JH 121606	12	16	6	1/4	23
JH 121608	12	16	8	1/4	29
JH 141406	14-1/8	14-1/8	6-1/6	1/4	21
JH 151508	15	15	8	1/4	40
<b>With 3 Hinges and 5 Wing Bolts</b>					
JH 121806	12	18	6	1/4	26-1/2
JH 121810	12	18	10	1/4	46-1/2
JH 122406	12	24	6	5/16	37
JH 122408	12	24	8	5/16	47
JH 123606	12-1/8	36-1/2	6-1/16	1/2	78
<b>With 3 Hinges and 7 Wing Bolts</b>					
JH 181806	18	18	6	5/16	52
JH 181808	18	18	8	5/16	50
JH 181810	18	18	10	5/16	54
JH 181812	18	18	12	5/16	75
JH 182408	18	24	8	3/8	89
JH 183606	18	36	6-1/16	1/2	103
JH 183608	18	36	8	1/2	138
JH 242408	24	24	8	3/8	77
JH 243008	24	30	8	3/8	116
JH243606	24	36	6-1/16	1/2	128
JH 243608	24	36	8	1/2	136
JH 243612	24	36	12	1/2	165

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