

WJB series

Cast-Iron Enclosure



FLAT FLANGED JUNCTION BOX

cast-iron box

*raintight (NEMA 3)
and watertight (NEMA 4)*

*flanged for surface
mounting*

*for optional mounting
plate, add suffix -MP to
catalog number*



ordering information*

Catalog #	Wall Thickness (in.)	Length (in.)	Width (in.)	Depth (in.)	Lightning Service**
WJB040403	1/4	4	4	3	
WJB040404	1/4	4	4	4	✓
WJB060404	1/4	6	4	4	
WJB060604	1/4	6	6	4	✓
WJB060606	1/4	6	6	6	✓
WJB080604	1/4	8	6	4	
WJB080606	1/4	8	6	6	✓
WJB080804	1/4	8	8	4	✓
WJB080806	1/4	8	8	6	
WJB080808	1/4	8	8	8	
WJB100806	1/4	10	8	6	
WJB100808	1/4	10	8	8	
WJB101006	1/4	10	10	6	✓
WJB101008	1/4	10	10	8	
WJB120606	1/4	12	6	6	
WJB120806	1/4	12	8	6	
WJB120808	1/4	12	8	8	
WJB120810	1/4	12	8	10	
WJB121206	5/16	12	12	6	✓
WJB121208	5/16	12	12	8	✓
WJB121212	5/16	12	12	12	
WJB121218	5/16	12	12	18	
WJB140806	5/16	14	8	6	
WJB141410	5/16	14	14	10	
WJB161206	5/16	16	12	6	
WJB161208	5/16	16	12	8	
WJB161606	5/16	16	16	6	
WJB180806	5/16	18	8	6	
WJB180808	5/16	18	8	8	
WJB181006	5/16	18	10	6	
WJB181206	5/16	18	12	6	
WJB181208	5/16	18	12	8	✓
WJB181210	5/16	18	12	10	
WJB181212	5/16	18	12	12	
WJB181218	3/8	18	12	18	
WJB181806	3/8	18	18	6	
WJB181808	3/8	18	18	8	
WJB181812	3/8	18	18	12	
WJB181818	3/8	18	18	18	
WJB241208	3/8	24	12	8	
WJB241212	3/8	24	12	12	
WJB241808	3/8	24	18	8	
WJB241810	3/8	24	18	10	
WJB241812	3/8	24	18	12	
WJB241818	9/16	24	18	18	
WJB242412	9/16	24	24	12	
WJB242418	9/16	24	24	18	
WJB242424	9/16	24	24	24	
WJB302412	9/16	30	24	12	
WJB302418	9/16	30	24	18	
WJB362418	9/16	36	24	18	
WJB362424	9/16	36	24	24	

* See Page 9 for drilled and tapped openings and slip holes.

** See Page 3 for Lightning Service details.

W-SERIES FEATURES & BENEFITS

applications

WAB, WCB, WJB, WJBF and WEB junction boxes are installed:

- where a heavy-duty, dust-tight or raintight enclosure is desired.
- to act as pull box for conductors.
- to provide openings and space for making splices and taps in conductors.
- to provide for branch conduit runs.
- to provide access to conductors for maintenance and future system changes.
- to enclose and protect electrical devices.

features

- Flat neoprene gasket cemented to cover.
- Internal equipment mounting pads.
- Standard attachable heavy-gauge steel straps for mounting box.
- Stainless-steel cover screws.
- Internal ground screw.
- Optional drilled and tapped conduit entries or slip holes.
- Optional mounting plate.

standard materials

- Body—Feraloy[®] iron alloy, hot dip galvanized.
- Cover—Feraloy iron alloy or heavy-gauge steel, hot-dip galvanized.
- Cover Screws—stainless steel
- Mounting Strap—heavy-gauge steel, electrogalvanized.
- Gasket—neoprene.

certifications and compliances

- UL Standard 50.
- CSA certified C22.2.

options

All boxes are available with optional mounting plate, add suffix -MP. See ordering information, beginning page 9, for:

- Drilled and tapped conduit holes.
- Slip holes.



LIGHTNING SERVICE™

Electrical products when and where you need them. Cooper Crouse-Hinds LIGHTNING SERVICE is unmatched. It allows you to meet tight project deadlines and get faster delivery on your selection of cast-iron junction boxes. To receive LIGHTNING SERVICE, just write "LIGHTNING SERVICE" on your order.

Quantities of 1 to 5 boxes listed as LIGHTNING SERVICE in this catalog are shipped in:

- 24 hours without drilled and tapped openings or a mounting plate; and
- 72 hours with standard drilled and tapped openings and/or a mounting plate.
- Boxes not listed as "Lightning Service" are available within 4 weeks. Large project quantities of boxes are typically available in 4–8 weeks. Partial quantities may be available sooner upon request.