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 ROYAL Building Products

TECHNICAL SPECIFICATION

PVC Rigid Conduit Fittings Junction Boxes

SCOPE

This specification covers the requirements for Rigid PVC junction boxes. These boxes are certified to the Canadian Standards Association (CSA) standard C22.2 No. 40 and 94 and Underwriters Laboratories (UL) Standard 50.

MATERIALS

The PVC material used in the manufacture of junction boxes is UV and impact resistant.

MARKING

Junction box markings are as specified in CSA C22.2 No. 40 and 94 and UL 50.

BOX RATINGS

Royal PVC junction boxes are listed with UL as suitable for use in Type 1, 2, 3, 4 and 4X environments and CSA as suitable for use in Type 1, 2, 3, 4, 4X, 12 and 13 environments. Royal junction boxes also meet NEMA 250 for Type 1, 2, 3, 4 and 4X environments.

TEST REQUIREMENTS

Quality testing is as per Royal's Quality Control program and in accordance with CSA C22.2 No. 40 and 94 and UL 50.

BOX DIMENSIONS

Box dimensions are as per drawing and table.

Nominal Size (in)	Part Number (CAN)	A (in)	B (in)	C (in)	D (in)	E (in)	F
4 x 4 x 2	RJB442	3.675	4.000	3.450	2.000	2.125	8-32
4 x 4 x 4	RJB444	3.675	4.000	3.450	3.750	4.188	8-32
4 x 4 x 6	RJB446	3.675	4.000	3.450	6.000	6.225	8-32
5 x 5 x 2	RJB552	4.680	5.000	4.485	1.845	2.000	8-32
6 x 6 x 4	RJB664	6.000	6.375	5.813	4.000	4.188	10-32
6 x 6 x 6	RJB666	6.000	6.375	5.813	6.000	6.188	10-32
8 x 8 x 4	RJB884	8.075	8.625	7.996	4.005	4.230	1/4-20
8 x 8 x 7	RJB887	8.100	8.625	7.996	7.035	7.250	1/4-20
12 x 12 x 4	RJB12124	12.085	12.580	11.874	4.030	4.256	1/4-20
12 x 12 x 6	RJB12126	12.085	12.580	11.874	6.025	6.240	1/4-20
12 x 12 x 8	RJB12128	12.085	12.580	11.874	8.025	8.250	1/4-20

