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## **TECHNICAL SPECIFICATION**

### **PVC Rigid Conduit Fittings**

#### **Junction Boxes**

##### **SCOPE**

This specification covers the requirements for Rigid PVC Junction Boxes. These boxes are certified as electrical enclosures to the Canadian Standards Association (CSA) standard C22.2 No. 40 and Underwriters Laboratories (UL) Standard 50. They also meet the requirements of NEMA 250.

##### **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 UL 50.

##### **BOX RATINGS**

NAPCO 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. NAPCO junction boxes also meet NEMA 250 for Type 1, 2, 3, 4 and 4X environments.

##### **TEST REQUIREMENTS**

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



## **BOX DIMENSIONS**

Box dimensions are as per drawing and table.

<b>Nominal Size (in)</b>	<b>Part Number (CAN)</b>	<b>A (in)</b>	<b>B (in)</b>	<b>C (in)</b>	<b>D (in)</b>	<b>E (in)</b>	<b>F</b>
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	¼-20
8 x 8 x 7	RJB887	8.100	8.625	7.996	7.035	7.250	¼-20
12 x 12 x 4	RJB12124	12.085	12.580	11.874	4.030	4.256	¼-20
12 x 12 x 6	RJB12126	12.085	12.580	11.874	6.025	6.240	¼-20
12 x 12 x 8	RJB12128	12.085	12.580	11.874	8.025	8.250	¼-20

