

ACE BACKSTAGE CO., INC. STAGE POCKET SYSTEMS

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#A/C ISO KIT - A.C. Electric Isolation Kit

#A/C ISO KIT - A.C. ELECTRIC ISOLATION KIT

A.C. and low voltage wiring must be isolated from each other in Floor Pockets installed in back boxes (BBX) which include both low voltage terminations and #PE panel(s) for A.C. connections. This kit provides the UL Listed conduit parts for isolated routing of the A.C. wires inside the back box, and is suitable for use in Full and Double Wide Back Boxes. A.C. wiring and terminations should be done only by a qualified electrician.

A.C. ELECTRICAL ISOLATION KIT w/ 1/2" CONDUIT INCLUDES:

	QTY	MODEL #	DESCRIPTION
A.	(1)	#RACO 6712	18" Non-Metallic Extra-Flex Conduit, 1/2" dia.
B.	(1)	#RACO 4732	90° Swivel Connector
C.	(1)	#RACO 4742	Straight Connector
D.	(1)	#GRC COUPLING	Coupling, Female-to-Female

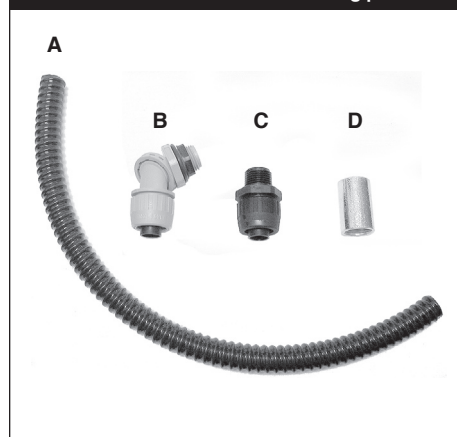
Back Box w/ A/C Iso Kit Installed w/out Pocket



A/C Iso Kit mounted in Pocket in Back Box



A/C Iso Kit includes the following parts



INSTALLATION

This isolation kit is designed to support installations using ACE 102BBX or 104BBX backboxes, or the ACE 134XXYY Super Pocket with high voltage electrical conduit.

1. Set the backbox securely braced into the floor to provide support equal to the floor loading requirements, accounting for any height offset required for the finished floor.
2. Connect standard electrical conduit to one of the provided combination knockouts on the backbox, using the female to female coupling (#GRC Coupling)
3. Inside the backbox, connect the 18" non-metallic, extra-flex conduit (#RACO 6712) to the standard electric conduit that is coming in. Cut the flex conduit to the necessary length in order to attach it to an electrical switchbox (such as the single gang switchbox assembly #PE, not included).
4. Attach the swivel connector (RACO 4732) to the end of the flex conduit and the straight connector (RACO 4742) to the swivel connector, and position it to align and connect with the switchbox.
5. If using the #PE switchbox assembly, mount the electrical panel into the stage pocket panel bracket. The isolated electrical connection is now ready for receptacle termination by a qualified electrician.