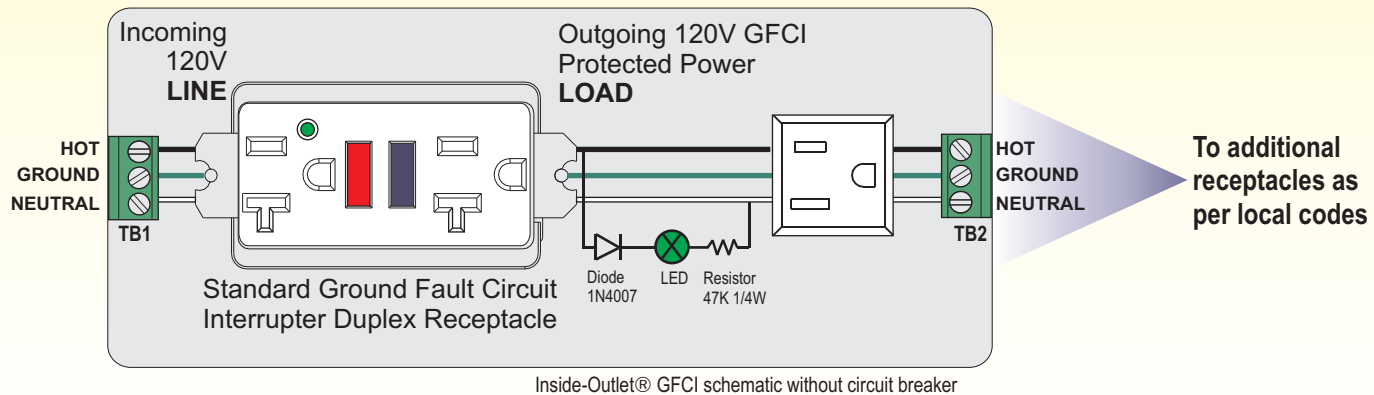
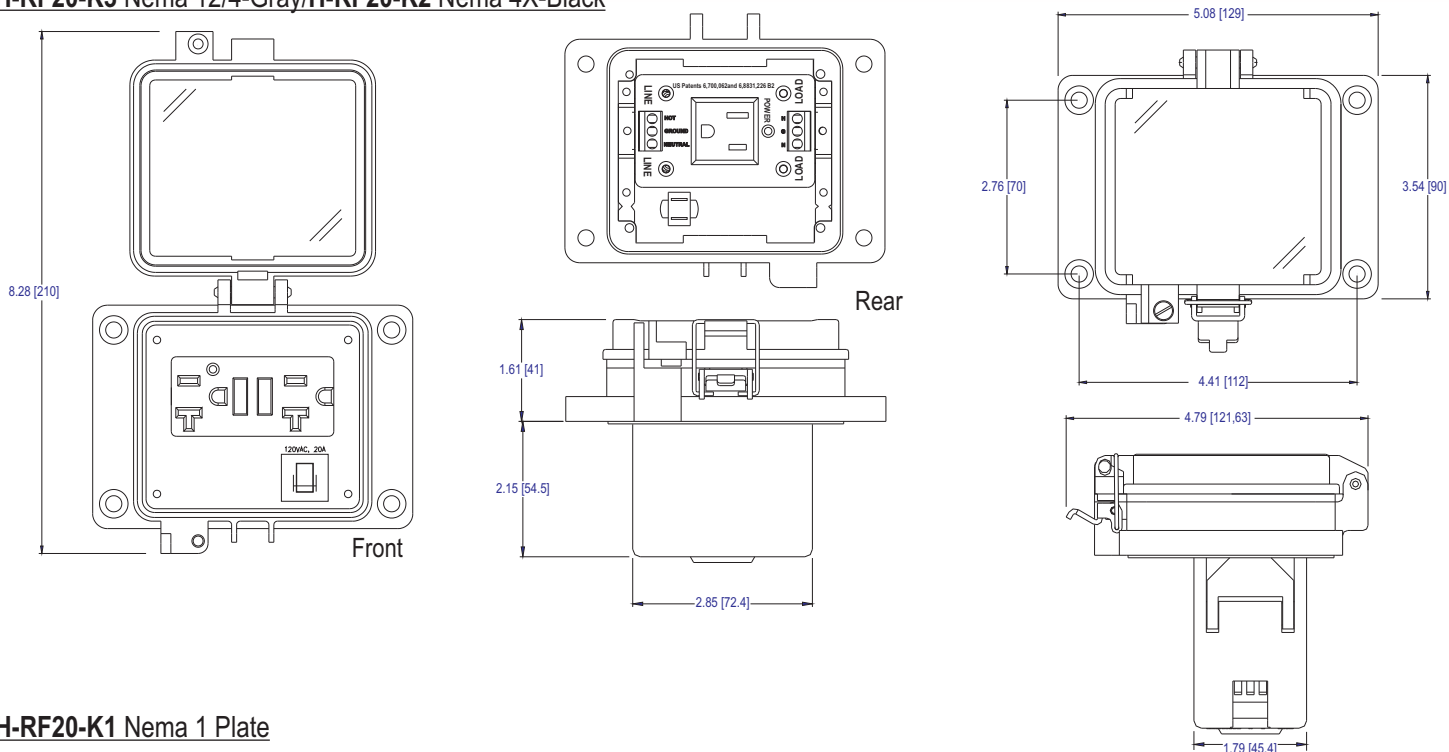


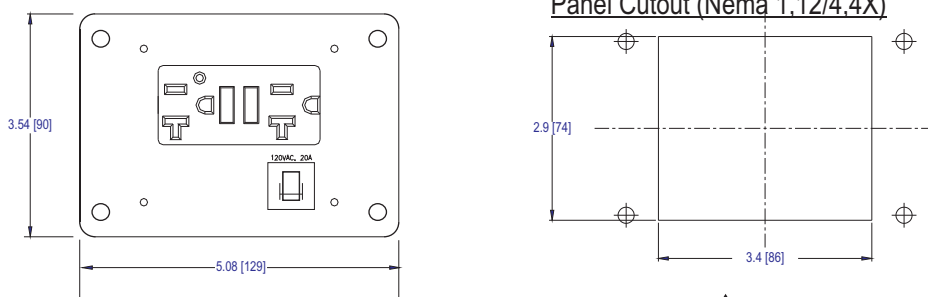
# Inside-Outlet® Installation Instructions



## H-RF20-K3 Nema 12/4-Gray/H-RF20-K2 Nema 4X-Black



## H-RF20-K1 Nema 1 Plate



### **INSTALLATION**

Inside-Outlet® receptacles are intended to be mounted in or on an enclosure product. Installation should be performed by a qualified electrician and adhere to applicable regulatory codes. These devices are for mounting on the flat surface of enclosures having the same type environmental ratings.

- 1) Cut panel opening and mount Inside-Outlet® receptacles to enclosure with gasket.
- 2) Connect input power to LINE terminal (TB1) as per local codes.
- 3) Additional receptacles may be wired as per local codes to the LOAD terminals (TB2).

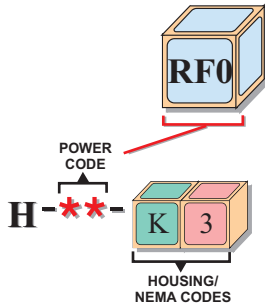
### **SPECIFICATIONS: MECHANICAL**

Housing: Cast aluminum base  
 Latch: Type 304 Stainless Steel (1CR18NI19)  
 Clear Housing Cover: Polycarbonate, V-O & UV rating  
 Inside-Outlet® Gray Shroud: V-O Flame Rating  
 Gasket: Thermoplastic elastomer  
 Insert Material: Acrylic UL94HB

### **APPROVALS**

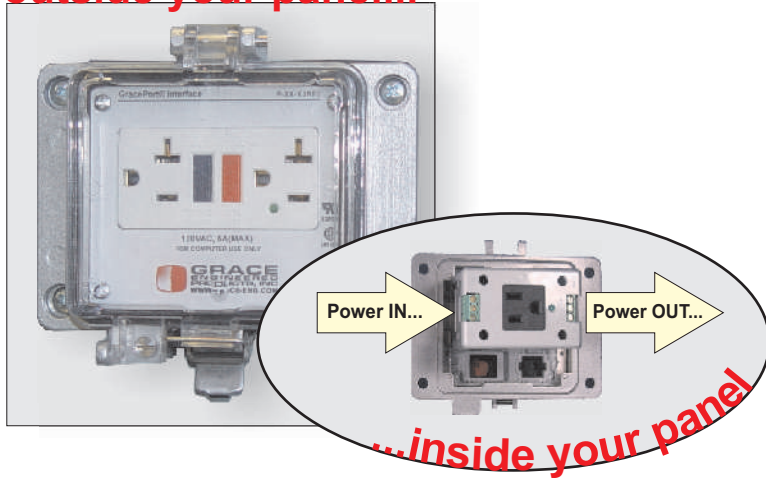
UL: Recognized: E207344 Type 4 (Gray), 4X(Black), IP-65 (Outdoor Use)  
 CSA: LR110845





# Inside-Outlet® GFCI Utility Receptacle

outside your panel...



Grace Engineered Products' Inside-Outlet® is unique because it has three GFCI-protected receptacles - two outside and one inside the panel. Additionally, this GFCI receptacle's purpose is to provide companies a trouble-free step toward complying with NFPA 79, which states all externally-mounted utility receptacles must be GFCI protected and tested every 30 days. Accomplishing this directive is simple and time efficient with Inside-Outlet®. The non-GFCI outlets inside a panel can be wired through the Inside-Outlet®, which is then externally mounted on the panel door. Now testing is easy! Just walk up to the door, flip the protective cover, and push the button.

## FEATURES

- ▶ **TEST/RESET** Safely Outside the Panel
- ▶ Finger Safe
- ▶ Outgoing Terminals for GFCI Protected Power
- ▶ Maintains Enclosure Rating
- ▶ NEMA 1, 12/4 or 4X
- ▶ Stand Alone Outlet or with a GracePort®

### Inside-Outlet® GFCI Outlets

Inside-Outlet® GFCI Outlets	Part Numbers
<b>NEMA 12/4</b>	<b>H-RF0-K3</b>
with 15A CB	H-RF15-K3
with 20A CB	H-RF20-K3
with Class CC Fuse Holder*	H-RF030-M3-H
<b>NEMA 4X</b>	<b>H-RF0-K2</b>
with 15A CB	H-RF15-K2
with 20A CB	H-RF20-K2
with Class CC Fuse Holder*	H-RF030-M2-H
<b>NEMA 1</b>	<b>H-RF0-K1</b>
with 15A CB	H-RF15-K1
with 20A CB	H-RF20-K1
with Class CC Fuse Holder*	H-RF030-M1-H

\*For higher interrupting rating, class CC Fuseholder (30A) included requires larger "M" sized housing. Fuse by customer.

### NFPA 79: GFCI's....The Control Panel Utility Receptacle Standard:(2)

- ▶ **All** Utility Receptacles must be GFCI Protected
- ▶ **All** External Utility Receptacles must be Covered
- ▶ **All** Covers must Maintain Enclosure Rating

1.) OSHA requires monthly testing of all GFCI outlets

2.) NFPA 79 Electrical Machinery Safety Standard 2002 Edition Sections 16.1.1 (6), 16.1.2



US Patents 6,700,062  
and 6,831,226 B2



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