# FLOOR BOX SYSTEMS
## Quick Selection Guide

Wiremold® Floor Boxes are TopGuard protected to meet and exceed the UL scrub water exclusion requirement.

**TOP GUARD**™

## On-Grade Floor Boxes for Concrete Floors

### PVC BOXES

| Box Model | Box Type | Service Capability | Box Capacity | Box Construction | Depth Behind Device Plates | KO Sizes | Cover Model | Cover Construction | Cover & Flange Part Nos. | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| Ratchet-Pro 881 | Round | Single | 1 Gang | PVC | 1 3/4" [44mm] | 1" Trade Size | Metal, Polycarbonate | Tile, Carpet | 895, 896 | Flush Devices, On-Grade or Above-Grade |
| Ratchet-Pro RPNFB | Round | Dual | 2 Gangs | PVC | 3 1/2" [89mm] | 3/4" – 2" | Die-Cast Aluminum | Tile, Carpet | RPAV3CTC, RP7CTC, RPAMD4CTC, RPAMD8CTC, RP4FFCTC, RP9AM2CTC | Surface Devices, On-Grade or Above-Grade |
| Modulink 880MP2 | Rectangular | Single | 1 Gang | PVC | 1 3/4" [44mm] | 1/2" – 2" Trade Size | Metal, Polycarbonate | Tile, Carpet | 817, 818, 828, 829, 830 Series | Flush Devices, On-Grade or Above-Grade |
| Modulink 880MP2 | Rectangular | Single | 2 or 3 Gangs | PVC | 1 3/4" [44mm] | 1/2" – 2" Trade Size | Metal, Polycarbonate | Tile, Carpet | 827, 828, 829, 830, 837, 838 Series | Flush Devices, On-Grade or Above-Grade |

### EPOXY PAINTED METAL & CAST IRON BOXES

| Box Model | Box Type | Service Capability | Box Capacity | Box Construction | Depth Behind Device Plates | KO Sizes | Cover Model | Cover Construction | Cover & Flange Part Nos. | Notes |
|---|---|---|---|---|---|---|---|---|---|---|
| Ratchet-Pro RPSFB-OG | Round | Dual | 2 Gangs | PVC | 3 1/2" [89mm] | 3/4" – 2" | Die-Cast Aluminum | Tile, Carpet | RPAV3CTC, RP7CTC, RPAMD4CTC, RPAMD8CTC, RP4FFCTC, RP9AM2CTC | Surface Devices, On-Grade or Above-Grade |
| RFB Series RFB2-OG | Rectangular | Triple | 2 Gangs | Steel | 3" [76mm] | 3/4" – 1 1/4" Trade Size | FloorPort™ Die-Cast Aluminum | Tile, Carpet, Wood, Terrazzo | FPCT, FPBT, FPFFT Series | Recessed Devices, Fully Adjustable |
| RFB Series RFB4-C1-1 | Rectangular | Dual | 4 Gangs | Cast Iron | 2" [51mm] | 1" – 1 1/4" Trade Size | FloorPort™ Die-Cast Aluminum | Tile, Carpet | FPCT, FPBT, FPFFT Series | Recessed Devices, Fully Adjustable |
| RFB Series RFB4E-OG | Rectangular | Triple | 4 Gangs | Steel | 3 1/2" [89mm] | 3/4" – 2" Trade Size | Evolution Round Poke-Thru Cover | Tile, Carpet, Wood, Terrazzo, Bare Concrete | 6CT Series | Recessed Devices, Fully Adjustable |
| RFB Series RFB6-OG | Rectangular | Triple | 6 Gangs | Steel | 3 1/4" [83mm] | 3/4" – 1 1/4" Trade Size | FloorPort™ Die-Cast Aluminum | Tile, Carpet, Wood, Terrazzo | FPCT, FPBT, FPFFT Series | Recessed Devices, Fully Adjustable |
| RFB Series RFB6E-OG | Rectangular | Triple | 6 Gangs | Steel | 3 1/4" [83mm] | 3/4" – 1 1/4" Trade Size | Evolution™ Round Poke-Thru Cover | Tile, Carpet, Wood, Terrazzo, Bare Concrete | 8CT Series | Recessed Devices, Fully Adjustable |
| RFB Series RFB9-OG | Rectangular | Triple | 9 Gangs | Steel | 2 1/2" [64mm] | 3/4" – 1 1/4" Trade Size | Die-Cast Aluminum | Tile, Carpet, Wood, Terrazzo | RFB119CTC, RFB119BTC | Recessed Devices, Fully Adjustable |
| RFB Series RFB11-OG | Rectangular | Triple | 11 Gangs | Steel | 2 1/2" [64mm] | 3/4" – 2" Trade Size | Die-Cast Aluminum | Tile, Carpet, Wood, Terrazzo | RFB119CTC, RFB119BTC | Recessed Devices, Fully Adjustable |
| Evolution Series EFB6S-OG | Rectangular | Triple | 6 Gangs | Steel | 3 7/8" [98mm] | 3/4" – 2" Trade Size | Evolution Rectangular Die-Cast Aluuminum | Tile, Carpet, Wood, Terrazzo, Polished Concrete | EFB610CTC, EFB610BTC, EFB610BT, EFB610CT | Removable Modules, Standard Size Device Plates |

**NOTE: Most Wiremold floor boxes and accessories are listed by Underwriters Laboratories Inc., and comply with Federal Specifications W-C-583b in one of the following types and classes: Type 1-Fully adjustable, Type II-Semi-adjustable, Type III-Non-adjustable, Class 1-Watertight, Class 2-Concrete-tight.**

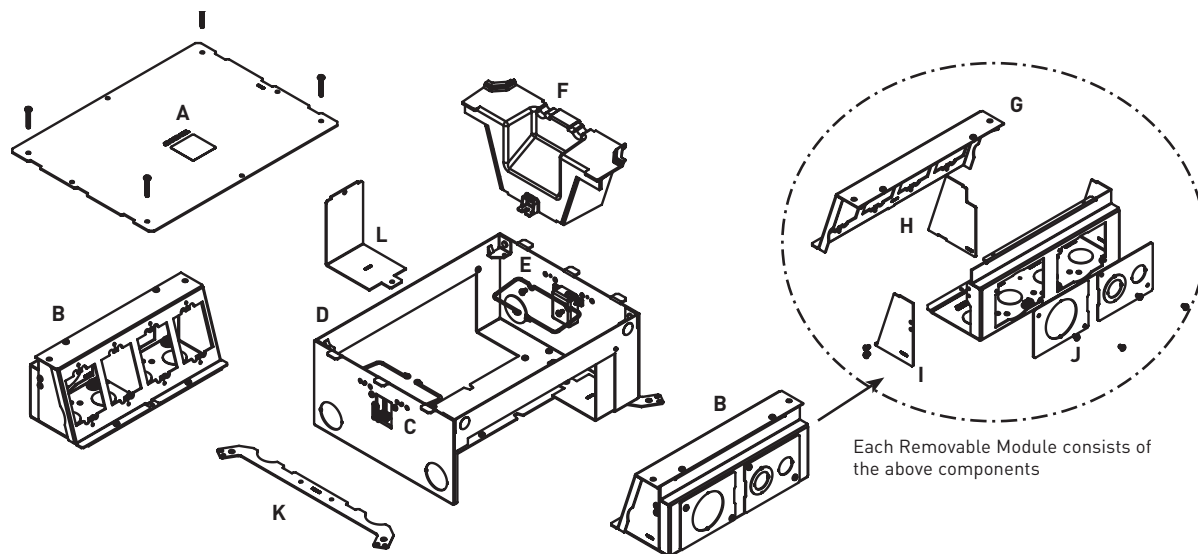# EVOLUTION™ SERIES FLOOR BOXES



**Wiremold®** Evolution™ Series Floor Boxes are the latest advancement in the most complete and innovative line of floor solutions in the industry.



## CODE REFERENCE

**cULus Listed**
**Metallic Outlet Boxes:**
File E2961 Guide QCIT.

Meets Article 314.27(C) of NEC.

## Evolution™ Series Floor Box Components



Each Removable Module consists of the above components

## KEY

**A.** Mud Cap (temporary construction cover)
**B.** Removable Module
**C.** Toggle Clamp
**D.** Box
**E.** Cable Guide
**F.** Tunnel

**G.** Mounting Bracket
**H.** Divider (removable repositionable)
**I.** End Cap
**J.** Back Knockout Plate
**K.** Concrete Level Leg
**L.** "L" Bracket

All items shown above are included with Evolution Series floor boxes.

## COLOR OPTIONS

Evolution Series Floor Box Covers are available in the following powder coated finishes: "BK" black, "GY" gray, "NK" nickel, "BS" brass, and "BZ" bronze.

**Custom color options are also available. Consult the factory for more information.**

# EVOLUTION™ SERIES FLOOR BOXES

## Evolution™ Series Floor Box Model Selection Guide

| EVOLUTION FLOOR BOX MODEL | EFB6S | EFB6S-OG | EFB6S-FC | EFB8S | EFB8S-OG | EFB8S-FC | EFB10S | EFB10S-OG | EFB10S-FC | EFBFF | EFBFF-OG |
|---|---|---|---|---|---|---|---|---|---|---|---|
| INSTALL FLOOR TYPE: Concrete Floor Raised Floor Wood Floor | YES YES YES | YES | YES | YES YES YES | YES | YES | YES YES YES | YES | YES | YES YES YES | YES |
| BOX TYPE: | Standard | On-Grade | Fire Classified | Standard | On-Grade | Fire Classified | Standard | On-Grade | Fire Classified | Furniture Feed | Furniture Feed |
| BOX CAPACITY: | 6-Gangs | 6-Gangs | 6-Gangs | 8-Gangs | 8-Gangs | 8-Gangs | 10-Gangs | 10-Gangs | 10-Gangs | 2-Gangs | 2-Gangs |
| DEPTH BEHIND PLATES: | 3 7/8" [98mm] | 3 7/8" [98mm] | 3 7/8" [98mm] | 3 1/2" [89mm] | 3 1/2" [89mm] | 3 1/2" [89mm] | 3 1/2" [89mm] | 3 1/2" [89mm] | 3 1/2" [89mm] | N/A | N/A |
| REMOVABLE MODULES: | YES | YES | YES | YES | YES | YES | YES | YES | YES | | |
| DEVICE PLATE SIZE: | Uses Standard Size Device Plates: Single-Gang (2 3/4" x 4 1/2") [70mm x 114mm] | | | Uses Standard Size Device Plates: Single-Gang (2 3/4" x 4 1/2") Double-Gang (4 9/16" x 4 1/2") Triple-Gang (6 3/8" x 4 1/2") | | | Uses Non-Standard Size Device Plates (4.652" x 2.302") [117mm x 58mm] | | | | |
| COVERS: COLORS: | EFB610CTC Series, EFB610BTC Series, EFB610CT Series, EFB610BT Series Black, Gray, Brass, Nickel, Bronze | | | | | | | | | FPFFTC Series Black, Gray, Brass, Nickel, Bronze, Brushed Aluminum | |
| FLOOR SURFACE: | Carpet, Tile, Wood, Bare (Polished) Concrete & Terrazzo | | | | | | | | | Carpet, Tile & Wood | |
| KO SIZE RANGE: (TRADE SIZE) | 3/4" to 2" | 3/4" to 2" | 1 1/4" | 3/4" to 2" | 3/4" to 2" | 1 1/4" | 3/4" to 2" | 3/4" to 2" | 1 1/4" | 1/2" to 2" | 1/2" to 2" |
| FIRE RATING: (HOURS) | | | Up to 2 Hours | | | Up to 2 Hours | | | Up to 2 Hours | | |

**NOTE: Covers open full 180°, slide cable egress doors, painted interior.**

## Evolution Series Floor Box Compartment Volumes

| MODEL | OUTER COMPARTMENTS (EACH) | | CENTER COMPARTMENTS (EACH) | |
|---|---|---|---|---|
| EFB6 SERIES | 32 in.³ | [524ml] | 38.5 in.³ | [630ml] |
| EFB8 SERIES | 27.5 in.³ | [450ml] | 34 in.³ | [557ml] |
| EFB10 SERIES | 23.5 in.³ | [385ml] | 27.5 in.³ | [450ml] |
| EFBFF SERIES | 64.5 in.³ | [1056ml] | 64.5 in.³ | [1056ml] |



**Finished Interior**
Fully finished interior removes the unfinished industrial look while increasing visibility, making it easier to see where to plug in devices.



**Configurable with Removable Modules**
In addition to having removable dividers and a tunnel feature that allows all compartments to be connected, the modules are removable through the top or back of the floor box. This allows for easier installations and facilitates moves, adds and changes without having to disconnect services, saving time and money.



**Audio/Video Design**
Evolution Series Floor Boxes have been developed specifically with the A/V industry in mind. With 3 1/2" – 3 7/8" [89mm x 98mm] of wiring capacity behind each device plate, these boxes will accept devices from leading A/V manufacturers including Extron® Electronics and Crestron®.
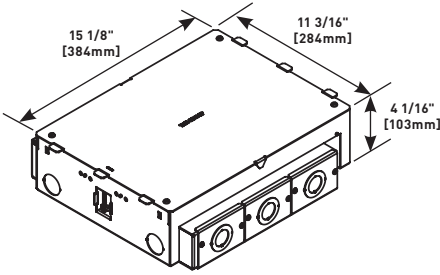


**Durable 180° Articulating Hinge**
Hinge design enables covers to open a full 180° and lie flat on the floor surface with the durability to support a large cover. Provides easy access to all interior modules and activations while reducing tripping hazards.
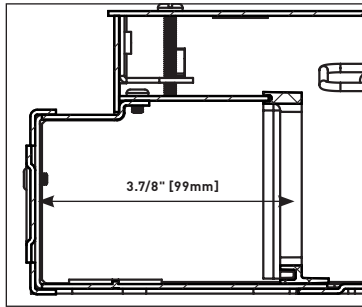
# EVOLUTION™ SERIES FLOOR BOXES

## Evolution™ Series 6-Gang Floor Boxes Ordering Information

### EFB6S  6-Gang Floor Box

15 1/8" [384mm]
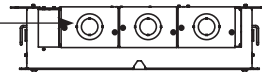11 3/16" [284mm]
4 1/16" [103mm]

Designed to be installed in concrete floors, raised floors, and wood floor applications. Box has a fully finished interior to assist plugging and unplugging of devices. Designed to work with standard size wall plates. **Box comes complete with all components needed for initial installation. Included components are:** Protective/ Disposable cover, tunnel system for connecting the two modules of compartments, two (2) removable modules, two (2) toggle clamps to secure box to raised and wood floors, two (2) cable management guides, two (2) leveling support legs for concrete applications and trade size knockouts ranging in size from 3/4" to 2" trade size. **Items not included with the box and sold separately are:** receptacles, communication jacks, and A/V devices and device plates. Box is compatible with Wiremold® Walkerflex Modular Wiring System. Custom options are available upon request.

**NOTE:  For use on bare (polished) concrete or terrazzo floors EFB610-CTR must be used (sold separately).**

3.7/8" [99mm]

**EFB6 Depth Behind Plates**

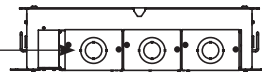Three (3) KOs: Outer: 1 1/4" Trade Size KO Inner: 3/4" Trade Size KO
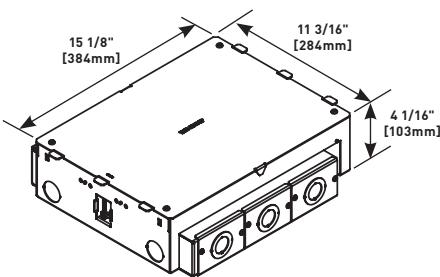Two (2) KOs: 1" Trade Size KO
Four (4) 1" Trade Size KOs
Two (2) KOs: 1" Trade Size KO
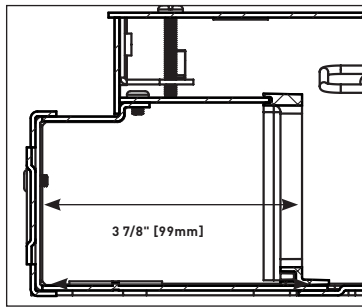Three (3) KOs: Outer: 1 1/4" Trade Size KO Inner: 3/4" Trade Size KO
Two (2) KOs: Outer: 2" Trade Size KO Inner: 1" Trade Size KO

### EFB6S-OG  Six-Gang Floor Box

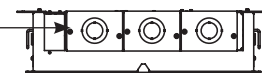15 1/8" [384mm]
11 3/16" [284mm]
4 1/16" [103mm]

Designed to be installed in both on-grade and above grade concrete floor applications. Box has an epoxy coating that allows the box to be placed in on-grade applications without the need for additional vapor barriers. Designed to work with standard size wall plates. **Box comes complete with all components needed for initial installation. Included components are:** protective/disposable cover, tunnel system for connecting the two modules of compartments, two (2) removable modules, two (2) cable management guides, two (2) leveling support legs for concrete applications and trade size knockouts ranging in size from 3/4" to 1 1/4". **Items not included with the box and sold separately are:** receptacles, communication jacks, and A/V devices and device plates. Custom options are available upon request.

**Note:  For use on bare (polished) concrete or terrazzo floors EFB610-CTR must be used (sold separately).**

3 7/8" [99mm]

**EFB6-OG Depth Behind Plates**

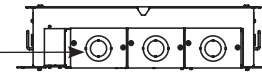Three (3) KOs: Outer: 1 1/4" Trade Size KO Inner: 3/4" Trade Size KO
Two (2) KOs: 1" Trade Size KO
Four (4) 1" Trade Size KOs
Two (2) KOs: 1" Trade Size KO
Three (3) KOs: Outer: 1 1/4" Trade Size KO Inner: 3/4" Trade Size KO
Two (2) KOs: Outer: 2" Trade Size KO Inner: 1" Trade Size KO