Docking Drawer®

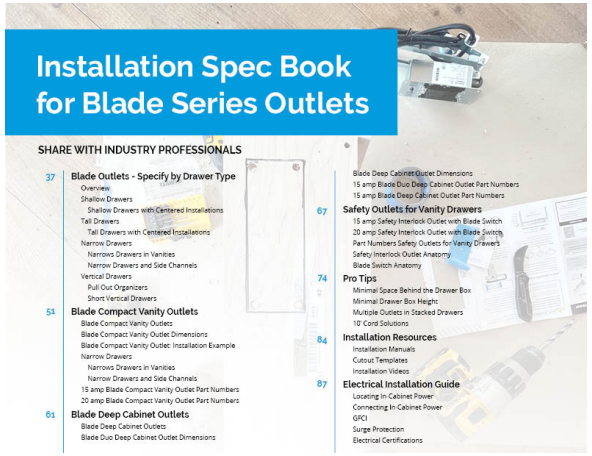
SPEC BOOKS

Revision 12

Welcome to Our All-Inclusive Spec Book

This all-inclusive Spec Book features everything you need to plan and power your projects with Docking Drawer!

The first section, our Blade Series project Planning Guide, introduces our market-leading in-drawer outlets and highlights key product features. Find our most popular outlets for various applications and gain a better understanding of which products will be best for your projects.



The second section, our Blade Series Installation Guide, features key information for the installation of our in-drawer outlets, such as how to install by drawer type, pro installation tips, electrical planning guides and more details to bookmark or share with your installer.

Spec books for other Docking Drawer products will follow, featuring sections on Safety Outlets and Stainless Steel Capped Canisters.

Planning Guide for Blade Series Outlets

START PLANNING YOUR DOCKING DRAWER PROJECT HERE

Photo by Studio Dearborn

Docking Drawer Project Planning Guide

Plan your Project Plan your Docking Drawer Project at any Time

Docking Drawer Blade Series outlets can be installed at any point, whether you are undergoing a complete renovation or simply want to add an in-drawer outlet to an existing drawer. Although the installation process may look a little different depending on your situation. Here are some tips:

Plan at **any** time

Beginning of project

It's easiest to start planning before you begin your project as the electrician can rough in electrical where needed.

Middle of project

It's easy to install in the middle of your project when the countertop is off and the area behind the drawer box is still easily accessible.

End of project

It's still easy to install at the end of your project when the countertop is on. It will just be a tighter space to work in and you will have to remove the drawer boxes to access the back cabinet or furniture wall.

Install at **any** place

At the Factory

The cabinet manufacturer can install at the factory.

In the Shop

The cabinet maker or electrician can install in the shop.

On Location

The tradesperson or homeowner can install on location.

How to Get Started

Specifying a Docking Drawer into any type of project is simple. You can specify an outlet in 3 ways:
By Drawer Type
By Room
By Part Number

Power Up Your Showroom

Easily display Docking Drawer Blade Series outlets in any showroom in minutes with a non-functioning mockup outlet kit.

Connect any Device Clear Device Clutter from your Life

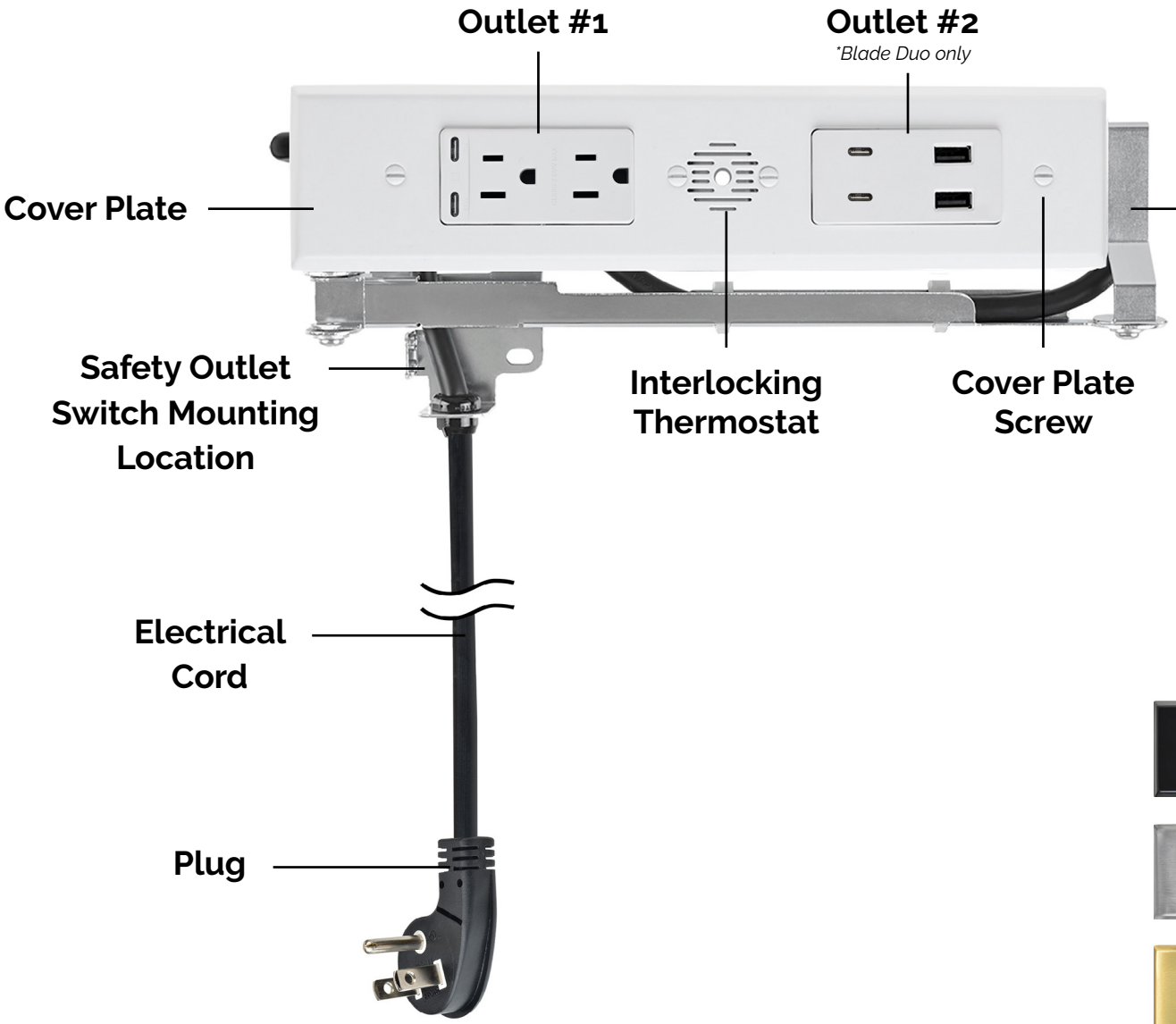
...and more! The possibilities are endless.

Blade Series Features

Electrical Certification	ETL Listed for use in the US and Canada Certified to UL 962A (US) Certified to CSA C22.2 No. 21 (CA)
Interlocking Safety Features	The Interlocking Thermostat powers off the outlet when the temperature exceeds 120°F (49°C). 15 amp Safety Interlock Outlet with Blade Switch* uses a switch to power off the outlet when the drawer starts to close. **(sold separately)*
Electrical Connection	3.5' cord with a NEMA 5-15P plug (All 15 amp Blade Series outlets)
Wire Gauge	14 AWG wire cable (All 15 amp Blade Series outlets)
Cable Protection	Ultra flexible TPE (thermoplastic elastomer) cable jacket with strain reliefs supports Docking Drawer's custom, serviceable power cord, ensuring smoother drawer motion, longer-lasting performance, and an eco-friendly alternative to PVC. (20 amp cords do not use TPE)
Outlet Features	Featuring a variety of configurations including USB-C, USB-A, and AC and can connect between 2-8 devices. All AC outlets are tamper resistant.
Product Testing	Assemblies are cycle tested over 500,000 times to ensure a long life of safe operation
Cover Plate Finishes	White, Black, Stainless Steel, and Brass
Warranty	5 Years
Country of Origin	Made in Mexico
Service	If needed, the outlet can be easily separated from the drawer box for maintenance or service

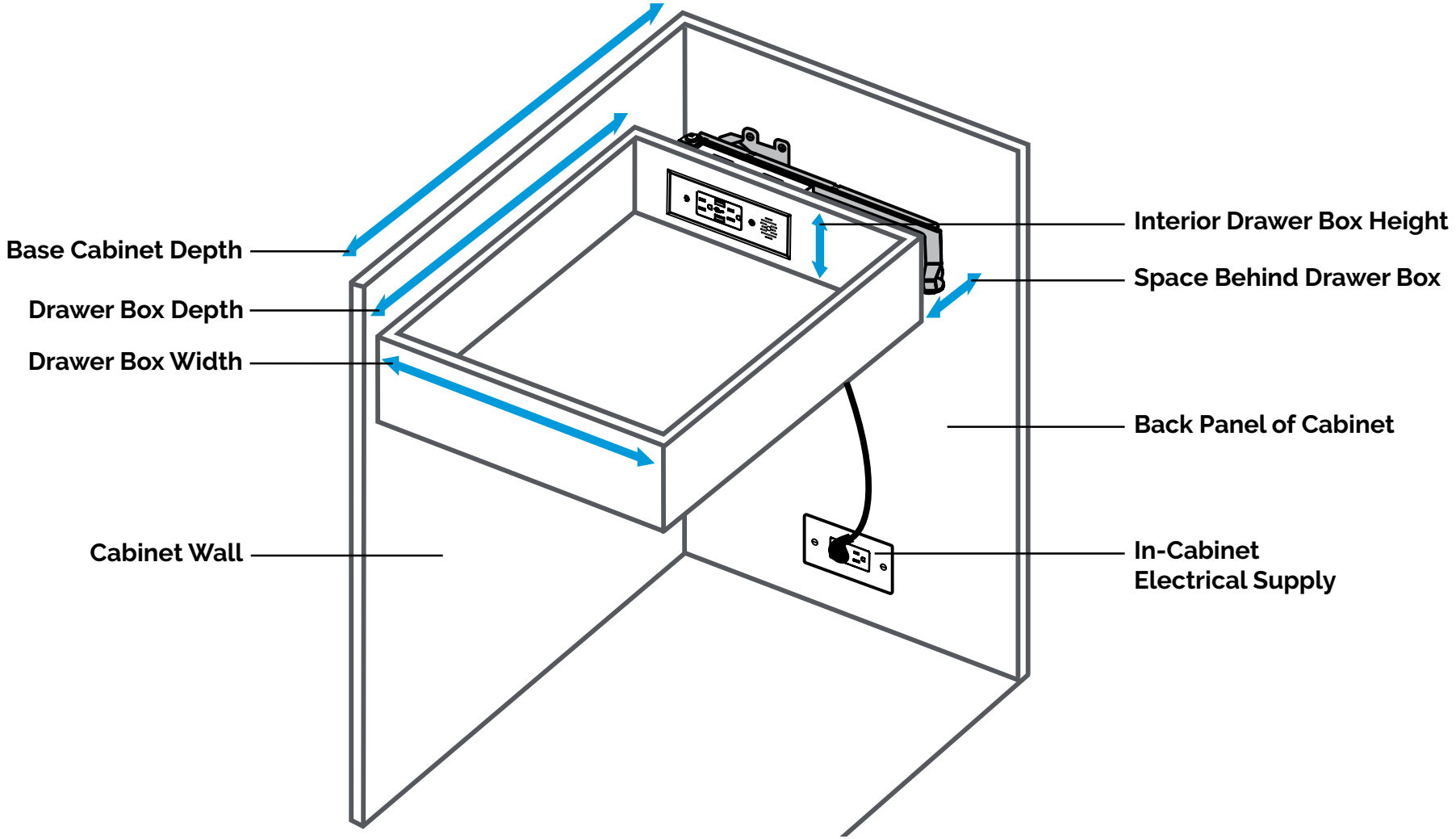
How to Choose a Docking Drawer Outlet

Meet the Docking Drawer Blade Outlet Anatomy



Other Cover Plate Finishes

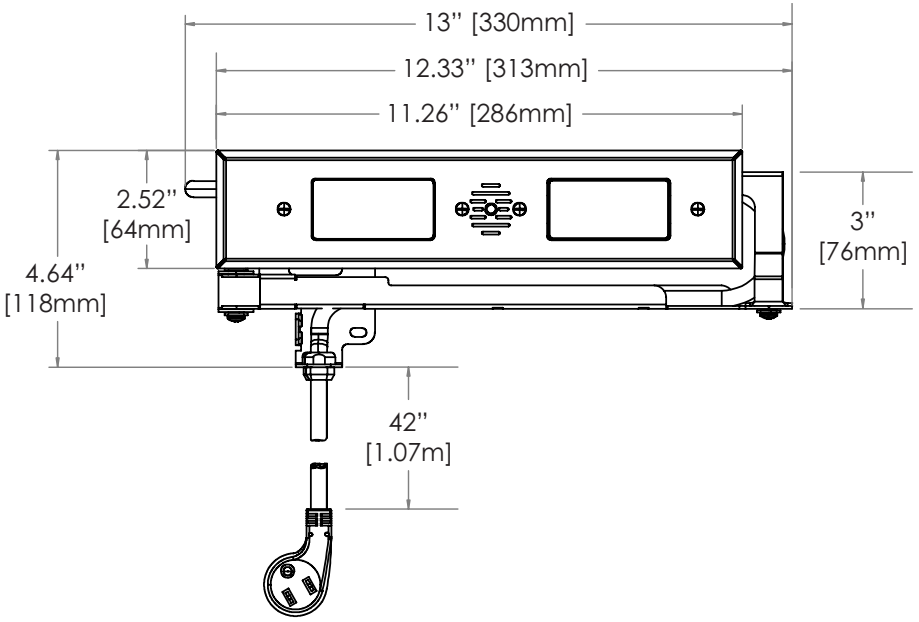
Your Cabinet Key Components to Understand



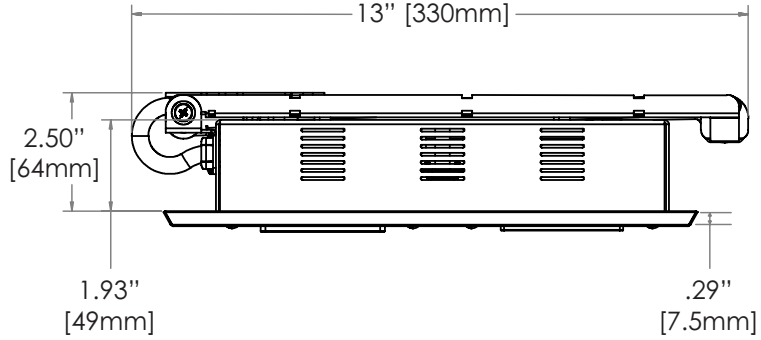
Docking Drawer Blade Duo Outlet Dimensions

Outlet Width	13” (330mm)
Outlet Height	4.64” (118mm)
Outlet Depth	2.5” (64mm)
Receptacle Box Depth	1.93” (49mm)
Cover Plate Height	2.52” (64mm)
Cover Plate Width	11.26” (286mm)
Cover Plate Thickness	.29" (7.5mm)
Cable Management Arms Height	3" (76mm)
Cord Length (15 amp)	42” (1.07m) *10' cord available*
Cord Length (20 amp)	36” (.9m)

Front View



Top View



Docking Drawer Blade Outlet Dimensions

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Cover Plate Width	7.18” (182mm)
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Cable Management Arms Height	3" (76mm)
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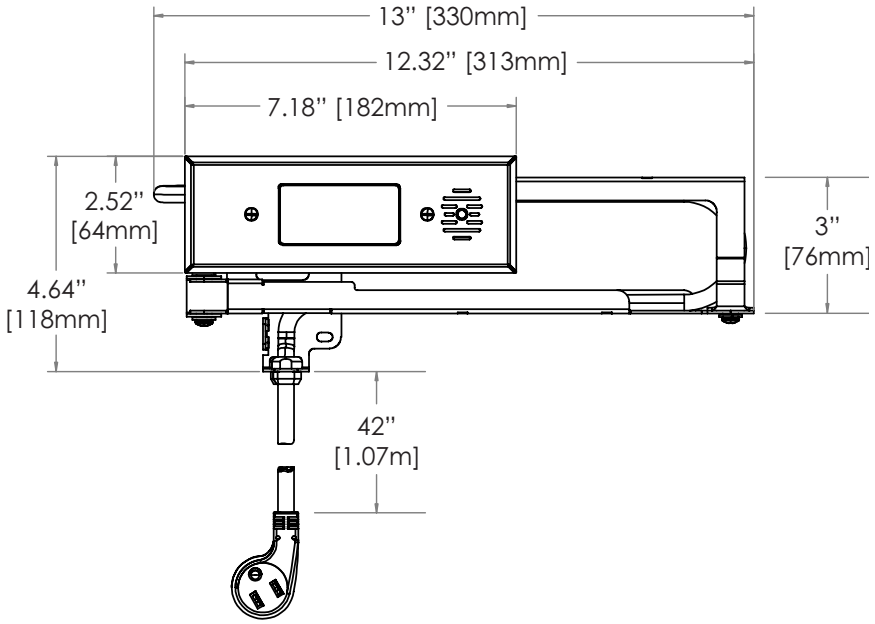
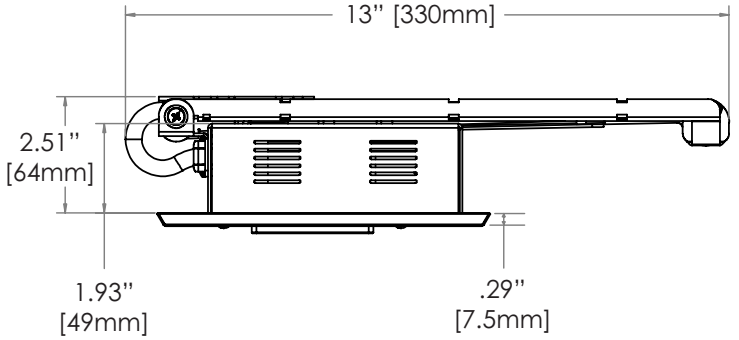
Cord Length (20 amp)	36" (.9m)

Front View

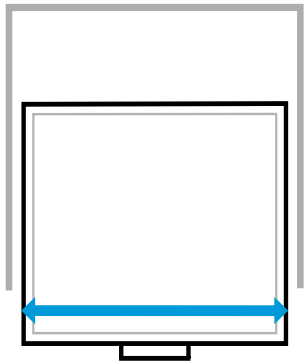


Top View



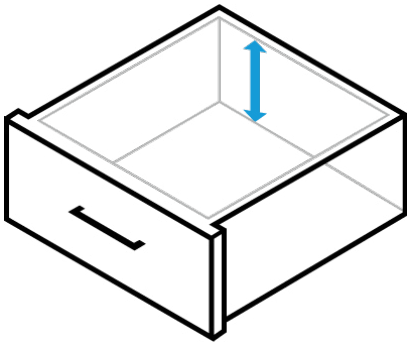
Step 1: Measure the Drawer Box 4 Key Measurements Needed

1



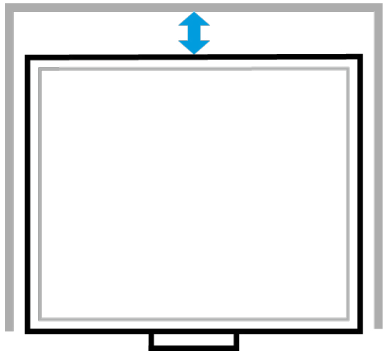
Drawer Box Width (Outer Dimension)

2



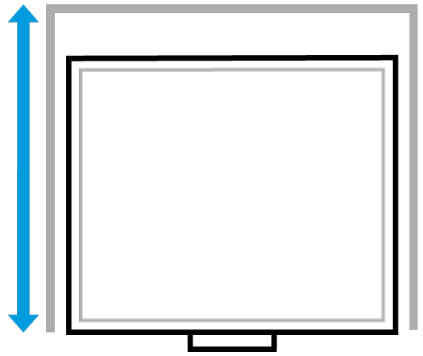
Interior Drawer Box Height

3



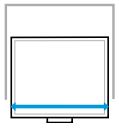
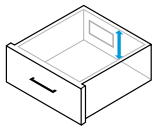
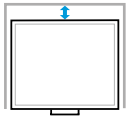
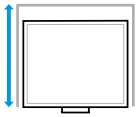
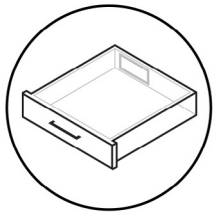
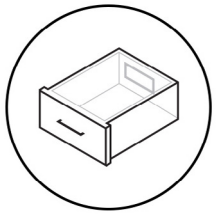
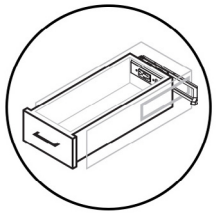
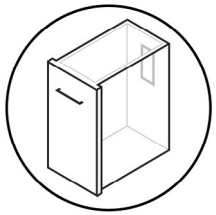
Space Behind the Drawer Box

4

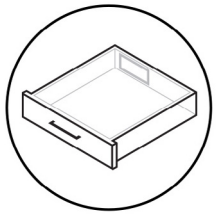
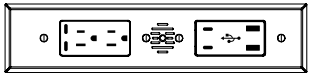
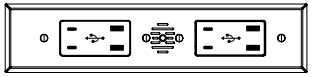
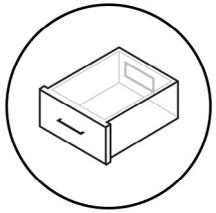
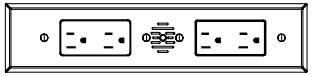
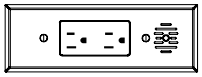
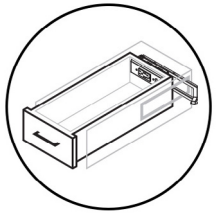
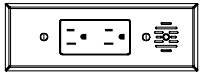
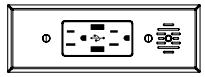
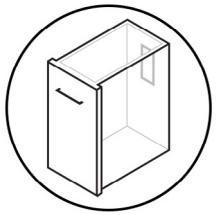
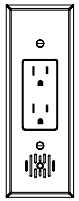


Base Cabinet Depth

Step 2: 4 Types of Drawers Identify if you have a Shallow, Tall, Narrow, Vertical Drawer

		 Minimum Drawer Box Width (Outer Dimension)	 Minimum Interior Drawer Box Height	 Minimum Space Behind Drawer Box	 Maximum Base Cabinet Depth
	**Shallow Drawer** Most often found in kitchens, closets, offices, side tables, entryway tables, and retail projects.	**15″** or more	**3″** or more	**2″** or more	**24″** or less
	**Tall Drawer** Most often found in bathroom vanities and with above-glide mounting.	**13″** or more	**4″** or more	**2″** or more	**24″** or less
	**Narrow Drawer** Most often found in bathroom vanities and with over-glide mounting. Requires a channel to be cut in the cabinet sidewall.	**9″** or more	**4″** or more	**2″** or more	**24″** or less
	**Vertical Drawer** Most often found in bathroom vanities and kitchen pull outs.	**8″** or more	**13″** or more	**2″** or more	**24″** or less

Choose Our Most Popular Outlets By Drawer Type

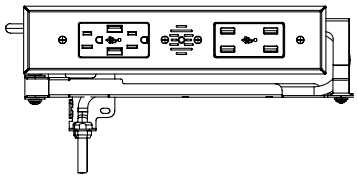
	Application	Most Popular Outlets
 **Shallow Drawer** Most often found in kitchens, closets, offices, side tables, entryway tables, and retail projects.	Kitchen	 **Blade Duo** 1514-278  **Blade Duo** 1514-288
 **Tall Drawer** Most often found in bathroom vanities and with above-glide mounting.	Vanity	 **Blade Duo** 1514-266  **Blade** 1514-160
 **Narrow Drawer** Most often found in bathroom vanities and with over-glide mounting. Requires a channel to be cut in the cabinet sidewall.	Vanity	 **Blade** 1514-160  **Blade** 1514-110
 **Vertical Drawer** Most often found in bathroom vanities and kitchen pull outs.	Vanity	 **Blade** 1514-160

Outlet Orientation Horizontal Mounting

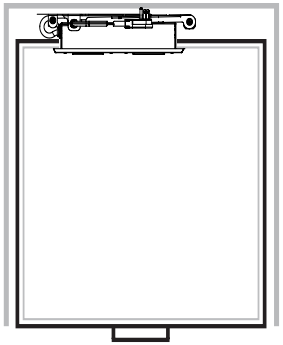
Blade and Blade Duo outlets can be mounted horizontally and facing to the left or right.

Horizontal Left

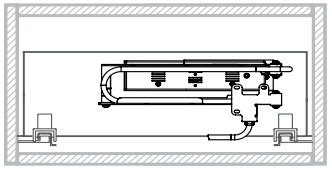
Front View



Top View

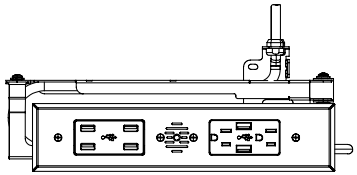


Rear View

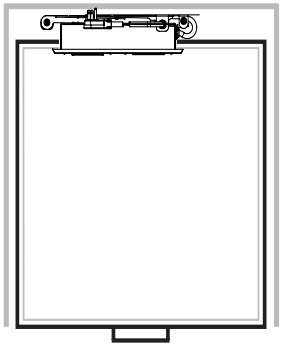


Horizontal Right

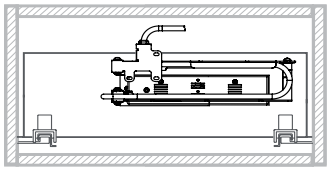
Front View



Top View



Rear View



Pro Tip

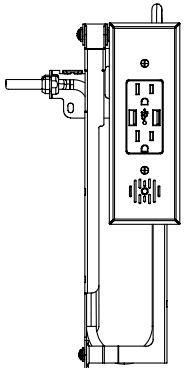
Blade Series outlets can be rotated 360 degrees, facing left, right, up or down, referring to the cord exit point. Ex: Horizontal left - the receptacle box is horizontal and the cord exits on the left side of the outlet.

Outlet Orientation Vertical Mounting

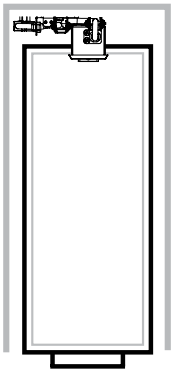
Blade and Blade Duo outlets can be mounted vertically and facing to up or down.

Vertical Up

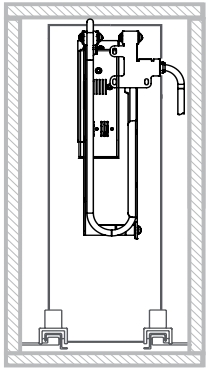
Front View



Top View

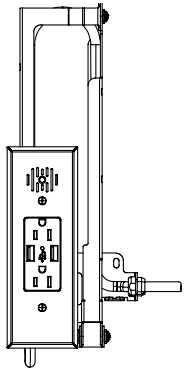


Rear View

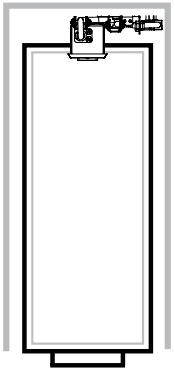


Vertical Down

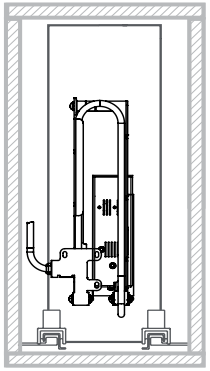
Front View



Top View



Rear View



Pro Tip

Blade Series outlets can be rotated 360 degrees, facing left, right, up or down, referring to the cord exit point. Ex: Vertical Up - the receptacle box is vertical and the cord exits on the top side of the outlet.

Blade Series In-Drawer Outlet Collection

Part Numbers for 15 amp Blade Duo Series Outlets (1514-2xx)

FASTEST - 65W USB-C

Blade Duo 1514-278W

15 amp

- ○ 1514-278W
- ● 1514-278B
- ◍ 1514-278S

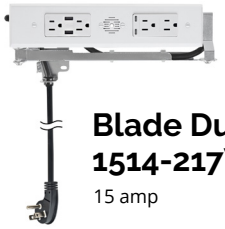
(2) 65W USB-C &
(2) 30W USB-C,
(2) USB-A, & (2) AC

Blade Duo 1514-277W

15 amp

- ○ 1514-277W
- ● 1514-277B
- ◍ 1514-277S

(4) 65W USB-C & (4) AC



Blade Duo 1514-217W

15 amp

- ○ 1514-217W
- ● 1514-217B
- ◍ 1514-217S

(2) 65W USB-C,
(2) USB-A, & (4) AC

ALL AC - NO USB

Blade Duo 1514-266W

15 amp

- ○ 1514-266W
- ● 1514-266B
- ◍ 1514-266S

(4) AC

FAST - 30W USB-C

Blade Duo 1514-238W

15 amp

- ○ 1514-238W
- ● 1514-238B
- ◍ 1514-238S

(4) 30W USB-C,
(2) USB-A, & (2) AC

Blade Duo 1514-288W

15 amp

- ○ 1514-288W
- ● 1514-288B
- ◍ 1514-288S

(4) 30W USB-C &
(4) USB-A

Blade Duo 1514-213W

15 amp

- ○ 1514-213W
- ● 1514-213B
- ◍ 1514-213S

(2) 30W USB-C,
(2) USB-A, & (4) AC

15 amp Blade Duo Comparison Chart

	1514-278	1514-266	1514-238	1514-288	1514-277	1514-213
	BEST SELLER 	BEST SELLER 	BEST SELLER 			
Configuration	(2) 65W USB-C & (2) 30W USB-C, (2) USB-A, & (2) AC	(4) AC	(4) 30W USB-C, (2) USB-A, & (2) AC	(4) 30W USB-C & (4) USB-A	(4) 65W USB-C & (4) AC	(2) 30W USB-C, (2) USB-A, & (4) AC
USB-C Ports	4	0	4	4	4	2
USB-A Ports	2	0	2	4	0	2
AC Outlets	2	4	2	0	4	4
15 amp	Yes	Yes	Yes	Yes	Yes	Yes
Available with 20 amp	2012-278	2012-266	2012-238	N/A	2012-277	2012-213
Compatible with Safety Outlet	Yes, with Blade Switch	Yes, with Blade Switch	Yes, with Blade Switch	N/A	Yes, with Blade Switch	Yes, with Blade Switch
Interlock Safety Feature	Interlocking Thermostat					
Electrical Connection	NEMA 5-15P					
ETL Listed	Yes					
Compatible with Soft Close Guides	Yes					
Finish	Black, White, Stainless Steel, Brass					
Warranty	5 Year					

Part Numbers for 15 amp Blade Series Outlets (1514-1x0)

FASTEST - 65W USB-C

BEST SELLER

Blade
1514-170W
15 amp

○ 1514-170W
● 1514-170B
◍ 1514-170S

(2) 65W USB-C & (2) AC

SLOW - USB-A

Blade
1514-110W
15 amp

○ 1514-110W
● 1514-110B
◍ 1514-110S

(2) USB-A & (2) AC

FAST - 30W USB-C

BEST SELLER

Blade
1514-130W
15 amp

○ 1514-130W
● 1514-130B
◍ 1514-130S

(2) 30W USB-C & (2) AC

Blade
1514-180W
15 amp

○ 1514-180W
● 1514-180B
◍ 1514-180S

(2) 30W USB-C
& (2) USB-A

ALL AC - NO USB

BEST SELLER

Blade
1514-160W
15 amp

○ 1514-160W
● 1514-160B
◍ 1514-160S

(2) AC

Blade
1514-150W
15 amp

○ 1514-150W
● 1514-150B
◍ 1514-150S

(2) AC - GFCI

15 amp Blade Comparison Chart

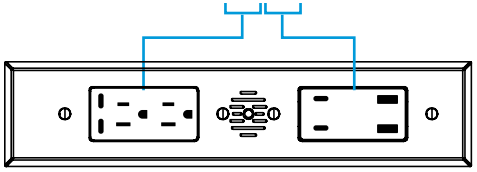
	1514-170	1514-160	1514-180	1514-150	1514-130	1514-110
	BEST SELLER 	BEST SELLER 				
Configuration	(2) 65W USB-C & (2) AC	(2) AC	(2) 30W USB-C & (2) USB-A	(2) AC GFCI	(2) 30W USB-C & (2) AC	(2) USB-A & (2) AC
USB-C Ports	2	0	2	0	2	0
USB-A Ports	0	0	2	0	0	2
AC Outlets	2	2	0	2	2	2
15 amp	Yes	Yes	Yes	Yes	Yes	Yes
Available with 20 amp	2012-170	2012-160	N/A	2012-150	2012-130	2012-110
Compatible with Safety Outlet	Yes, with Blade Switch	Yes, with Blade Switch	N/A	Yes, with Blade Switch	Yes, with Blade Switch	Yes, with Blade Switch
Interlock Safety Feature	Interlocking Thermostat					
Electrical Connection	NEMA 5-15P					
ETL Listed	Yes					
Narrow Drawer Tip	Yes					
Compatible with Soft Close Guides	Yes					
Finish	Black, White, Stainless Steel, Brass					
Warranty	5 Year					

Outlet Configuration Options for 15 amp Blade Series Outlets

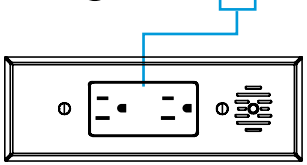
In addition to our 4 top selling outlets, we offer a variety of additional options. Mix and match configurations to create the best solution to fit the needs of your project.

Select a Blade Duo or Blade

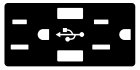
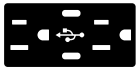
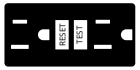
ex: **1514-278**



ex: **1514-160**

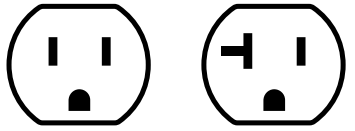


Then, Select Any Outlet

#	Outlet Configuration	Outlet Specifications
1	 (2) USB-A & (2) AC	AC: 15 amps @ 120 VAC USB-A: 3.6 amps @ 5 VDC
3	 (2) 30W USB-C & (2) AC	AC: 15 amps @ 120 VAC USB-C (single port connected to PD device): 3 amps @ 9 VDC (30W) USB-C (single port connected to non-PD device): 3 amps @ 5 VDC (15W) USB-C (both ports connected): 3 amps @ 5 VDC (30W total power)
5	 (2) AC - GFCI	15 amps @ 120 VAC
6	 (2) AC	15 amps @ 120 VAC
7	 (2) 65W USB-C & (2) AC	AC: 15 amps @ 120 VAC USB-C (PD): 65 Watt Shared USB-C (single port connected to PD device): 65W 5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3.25A USB-C (both ports connected to PD devices): 65W total C1/C2: 5V/3A; 9V/3A; 12V/2.5A; 15V/2A; 20V/1.5A
8	 (2) 30W USB-C & (2) USB-A	USB-C (PD): 30 Watt Shared USB-C (single port connected to PD device): 30W max 5V/3A:9V/3A:12V/2.5A; 15V/2A;20V/1.5A USB-C (both ports connected): 15W each port C1:5V/3A C2:5V/3A USB-A (max with one or both ports connected) 12W total 5v/2.4A

How to Choose Between 15 & 20 amp Outlets

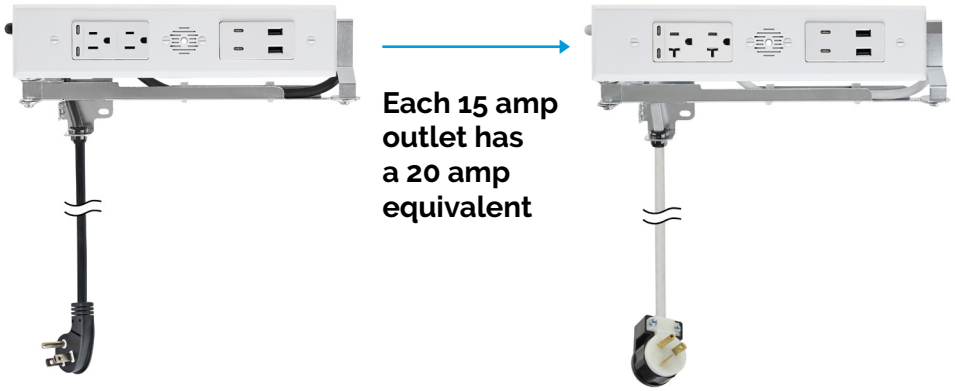
15 amp Docking Drawer Blade Series outlets are our most popular configuration. They can be plugged into any outlet and will charge and power every type of device, including hair dryers, cell phones, and more. Need 20 amp solutions? We have you covered as each 15 amp outlet has a 20 amp equivalent.



15 amp **20 amp**

Variety of Configurations

Choose from 15 amp or 20 amp outlets.



Each 15 amp outlet has a 20 amp equivalent

How do you know if your project requires a 15 amp or 20 amp outlet?

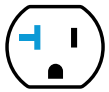
Ask Your Electrician

Your electrician can provide a definite answer on what will work for your project.

Look at the wall receptacle

If your wall receptacle looks like this, specify a 20 amp Blade Series.

20 amp outlets have a T-Shaped prong



Not sure? Specify 15 amp

15 amp Blade Series outlets can function when plugged into 15 or 20 amp wall receptacles.

Pro Tip

15 amp outlets will power any type of devices including hair dryers, printers, mixers and charge every type of device like cell phones, tablets, and laptops. When in doubt whether to specify a Blade Series 15 amp or 20 amp outlet, specify a 15 amp. 15 amp plugs can be plugged into both a 15 amp and a 20 amp outlet, but a 20 amp plug can ONLY be plugged into a 20 amp outlet.

Do I Need a 15 or 20 amp Docking Drawer Outlet?
Learn more here.

Part Numbers for 20 amp Blade Duo Series Outlets (2012-2xx)

FASTEST - 65W USB-C

BEST SELLER

Blade Duo 2012-278W

20 amp

- ○ 2012-278W
- ● 2012-278B
- ◍ 2012-278S

(2) 65W USB-C &
(2) 30W USB-C,
(2) USB-A, & (2) AC

Blade Duo 2012-277W

20 amp

- ○ 2012-277W
- ● 2012-277B
- ◍ 2012-277S

(4) 65W USB-C & (4) AC

ALL AC - NO USB

BEST SELLER

Blade Duo 2012-266W

20 amp

- ○ 2012-266W
- ● 2012-266B
- ◍ 2012-266S

(4) AC

FAST - 30W USB-C

BEST SELLER

Blade Duo 2012-238W

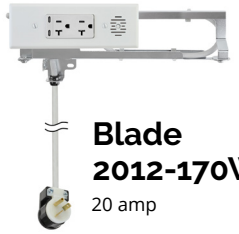
20 amp

- ○ 2012-238W
- ● 2012-238B
- ◍ 2012-238S

(4) 30W USB-C,
(2)USB-A, & (2) AC

Part Numbers for 20 amp Blade Series Outlets (2012-1x0)

FASTEST - 65W USB-C



Blade 2012-170W

20 amp

- ○ 2012-170W
- ● 2012-170B
- ◍ 2012-170S

(2) 65W USB-C & (2) AC

SLOW - USB-A

Blade 2012-110W

20 amp

- ○ 2012-110W
- ● 2012-110B
- ◍ 2012-110S

(2) USB-A & (2) AC

FAST - 30W USB-C

Blade 2012-130W

20 amp

- ○ 2012-130W
- ● 2012-130B
- ◍ 2012-130S

(2) 30W USB-C & (2) AC

ALL AC - NO USB

BEST SELLER

Blade 2012-160W

20 amp

- ○ 2012-160W
- ● 2012-160B
- ◍ 2012-160S

(2) AC

Blade 2012-150W

20 amp

- ○ 2012-150W
- ● 2012-150B
- ◍ 2012-150S

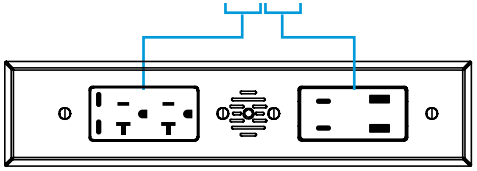
(2) AC - GFCI

Outlet Configuration Options for 20 amp Blade Series Outlets

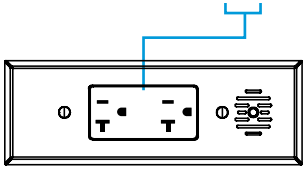
In addition to our 4 top selling outlets, we offer a variety of additional options. Mix and match configurations to create the best solution to fit the needs of your project.

Select a Blade Duo or Blade

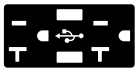
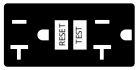
ex: **2012-278**



ex: **2012-160**



Then, Select Any Outlet

#	Outlet Configuration	Outlet Specifications
1	 (2) USB-A & (2) AC	AC: 20 amps @ 120 VAC USB-A: 3.6 amps @ 5 VDC
3	 (2) 30W USB-C & (2) AC	AC: 20amps @ 120 VAC USB-C (single port connected to PD device): 3 amps @ 9 VDC (30W) USB-C (single port connected to non-PD device): 3 amps @ 5 VDC (15W) USB-C (both ports connected): 3 amps @ 5 VDC (30W total power)
5	 (2) AC - GFCI	20 amps @ 120 VAC
6	 (2) AC	20 amps @ 120 VAC
7	 (2) 65W USB-C & (2) AC	AC: 20 amps @ 120 VAC USB-C (PD): 65 Watt Shared USB-C (single port connected to PD device): 65W 5V/3A; 9V/3A; 12V/3A; 15V/3A; 20V/3.25A USB-C (both ports connected to PD devices): 65W total C1/C2: 5V/3A; 9V/3A; 12V/2.5A; 15V/2A; 20V/1.5A
8	 (2) 30W USB-C & (2) USB-A	USB-C (PD): 30 Watt Shared USB-C (single port connected to PD device): 30W max 5V/3A:9V/3A:12V/2.5A; 15V/2A;20V/1.5A USB-C (both ports connected): 15W each port C1:5V/3A C2:5V/3A USB-A (max with one or both ports connected) 12W total 5v/2.4A

Planning Resources

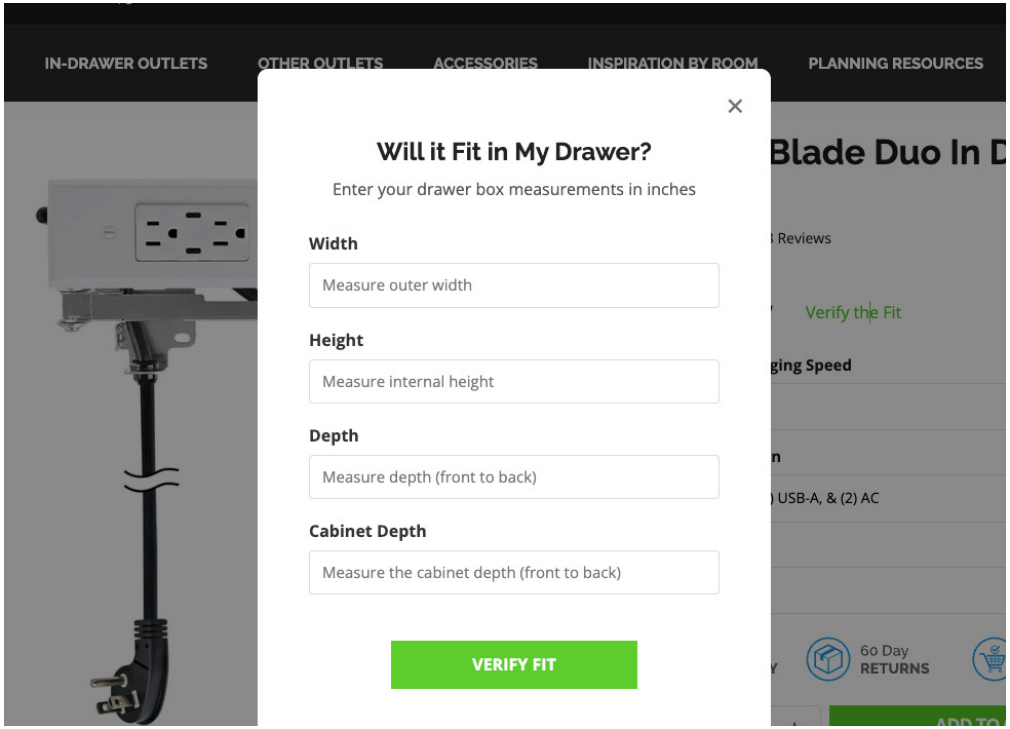
Planning Resources Blade Verification Tool

The Blade Verification Tool makes it easy to see if a Blade Series outlet will fit in your project. Just enter your drawer box measurements to get a quick, accurate compatibility check, no guesswork needed.

Blade Verification Tool

Verify which Blade or Blade Duo outlet fits your project.

VERIFY FIT



Pro Tip

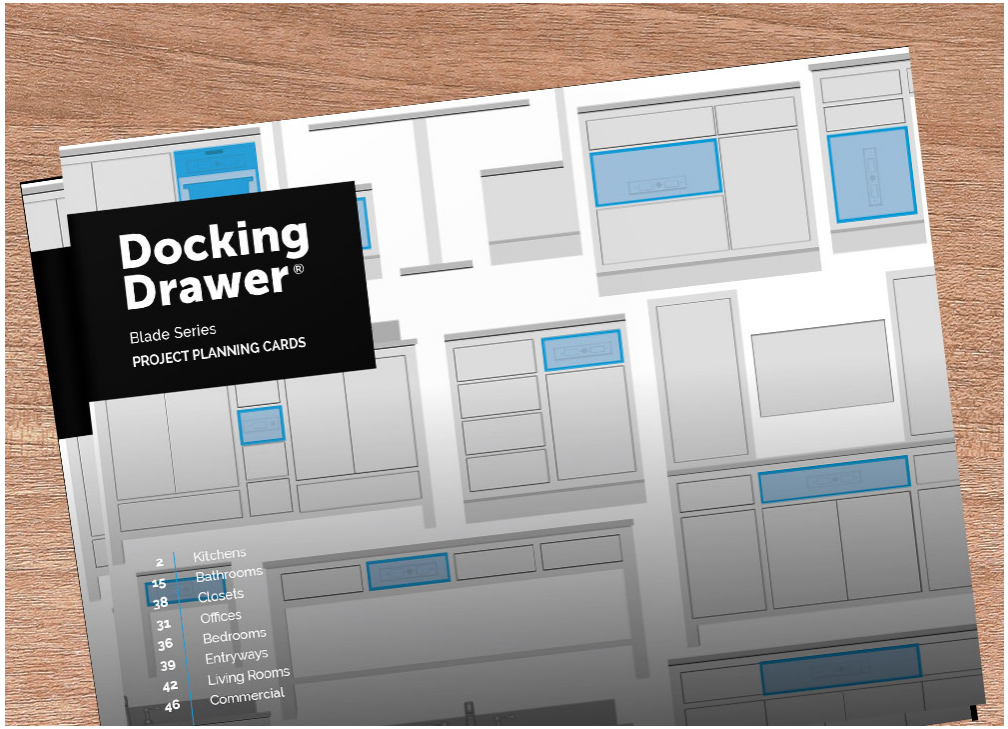
The Blade Verification Tool is great for most projects—but if you're working with tight tolerances, unique setups, or just want expert eyes on it, reach out! Call, text, or email us your plans—we're happy to help you get it right.

Planning Resources Project Planning Cards

Project planning cards feature key information on how to include Docking Drawer outlets in a variety of common projects and in a range of orientations and unique applications. Simply click this link to download now.

Project Planning Cards

See how to specify in-drawer outlets into popular applications.



Pro Tip

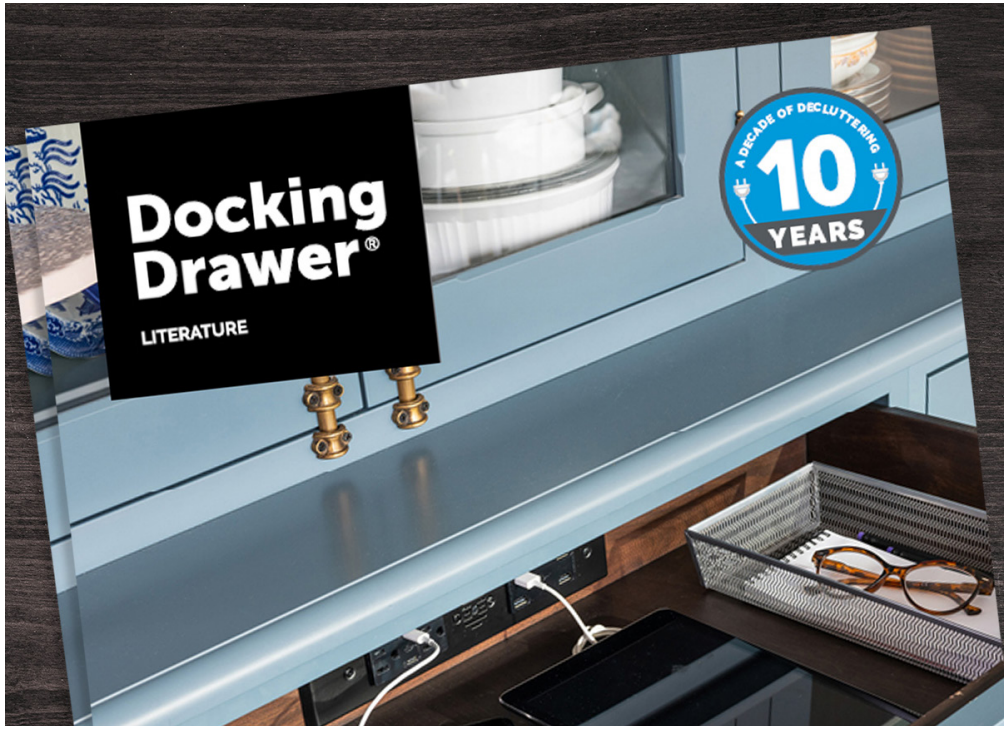
Project Planning Cards are available to download for every outlet at dockingdrawer.com/downloads

Planning Resources Docking Drawer Literature

Our literature visually illustrates Blade Series outlets in lifestyle applications, and highlights product features in a friendly format that's designed for display in showrooms and to share with customers. Simply click this link to download now.

Literature

Order a Docking Drawer Blade Series literature to share with your team and customers.



Pro Tip

More Project Planning Resources are available to download at dockingdrawer.com/downloads

Planning Resources Tear Sheets

We offer tear sheets for every part number, including key details like product dimensions, specifications and other information in a single-page format that's simple to share with project planners. Simply click this link to download now.

Tear Sheets

Download PDF Tear Sheets to easily share product summaries with your team.

Pro Tip

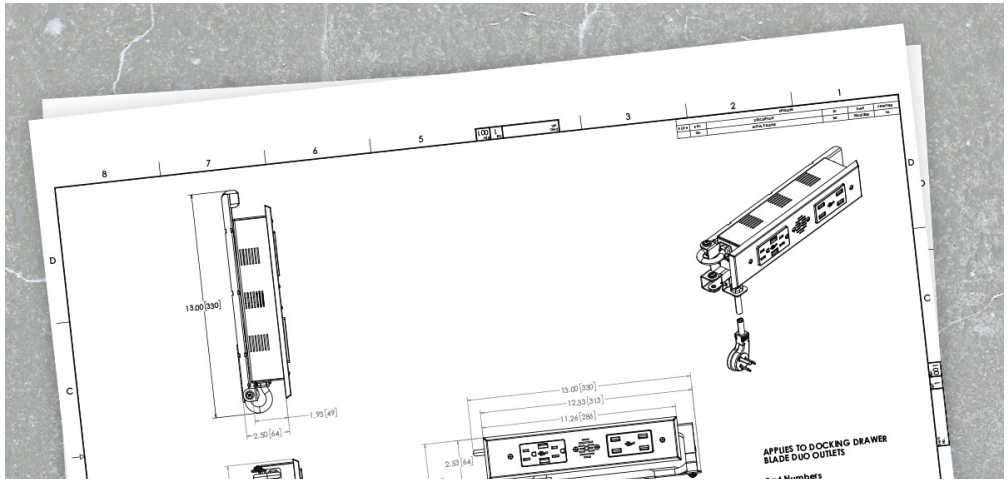
Tear Sheets are available to download for every outlet at dockingdrawer.com/downloads

Planning Resources DXF and STEP files & Mounting Diagrams

Download DXF and Step files to import into project planning software to create and share 2D and 3D renderings of our products in your projects. Simply click this link to download now.

DXF and STEP Files

Download DXF (2D) and STEP (3D) files to import into planning programs.

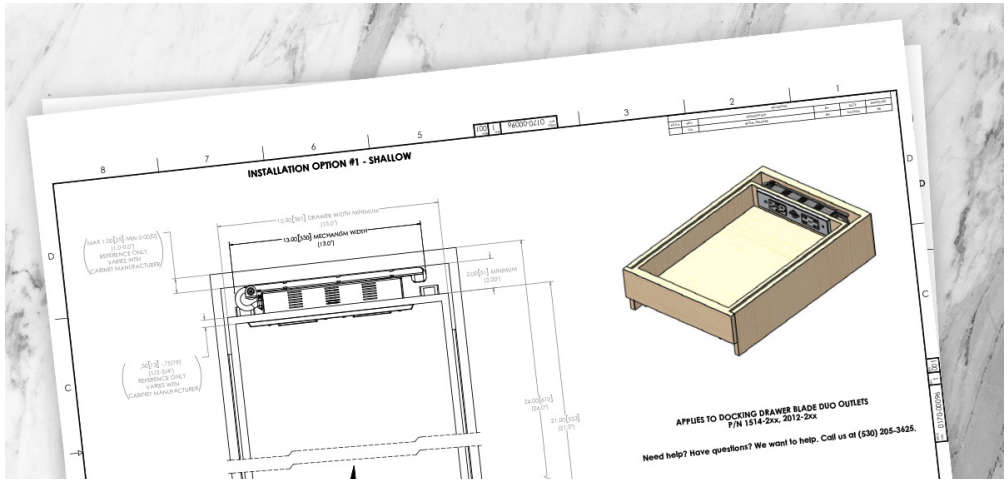


Pro Tip

DXF and STEP files are available to download at dockingdrawer.com/downloads

Mounting Diagrams

Detailed engineering diagrams showing cabinet specifications and how to mount the outlet into the cabinet.



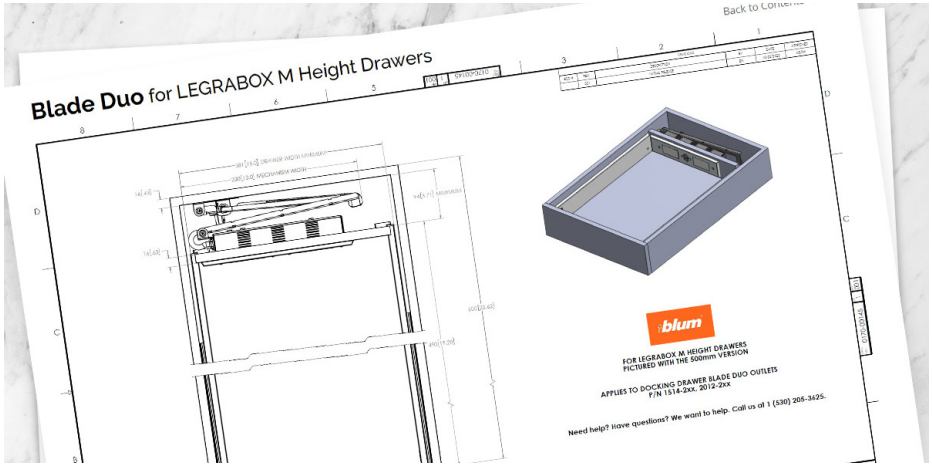
Pro Tip

Mounting Diagrams are available to download at dockingdrawer.com/downloads

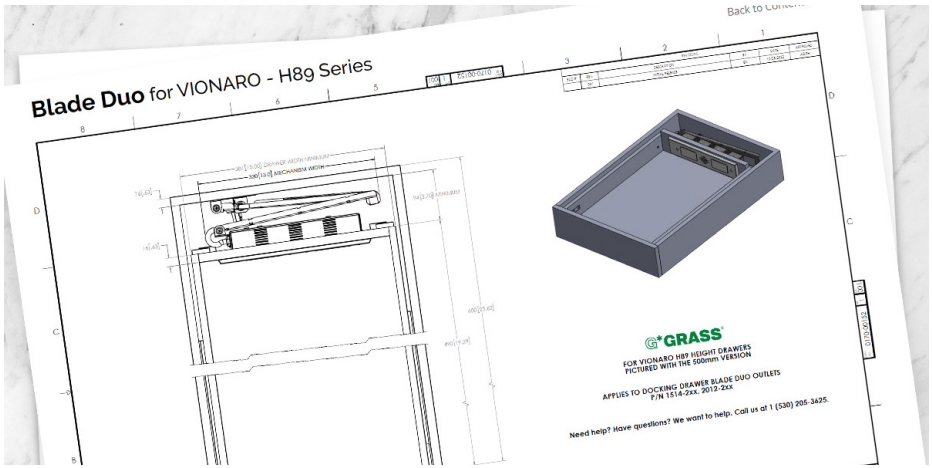
Planning Resources Mounting Diagrams for Blum & Grass Drawer Systems

Find detailed information on how to mount Docking Drawer outlets into popular metal drawer boxes by Blum and GRASS. Simply click this link to download now.

LEGRABOX & TANDEMBOX drawer systems



Vionaro & Nova Pro Scala drawer systems

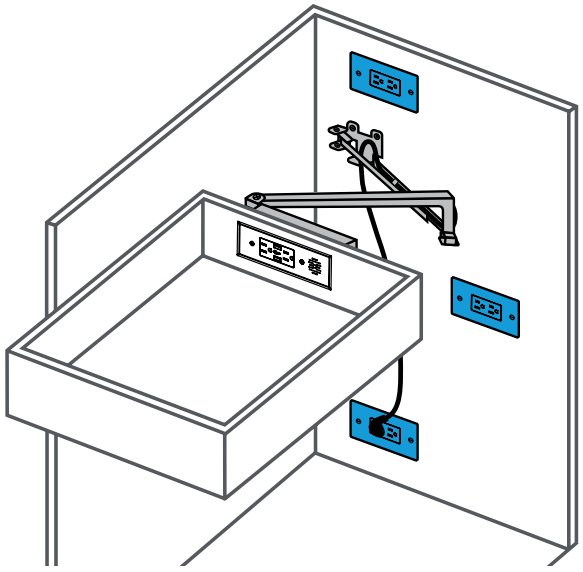


Pro Tip

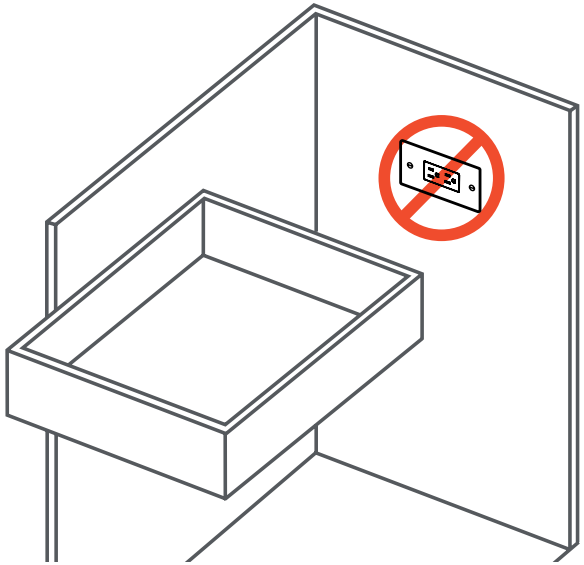
Mounting Diagrams are available to download at dockingdrawer.com/downloads

Locating in-cabinet power is simple. The in-cabinet outlet needs to be within 3.5 feet of the Blade Series 1514-XXX outlet rear mounting bracket and within 3 feet of the Blade Series 2012-XXX outlet rear mounting bracket.

Recommended Locations for the In-Cabinet Electrical Supply



Where NOT to Locate the In-Cabinet Electrical Supply



*Items marked in blue are not included

Need GFCI?

Simply plug any Blade Series outlet into a GFCI outlet or circuit to give the Docking Drawer Blade Series outlet GFCI properties. Learn more here.

Prefer the Docking Drawer Blade series outlet to include a GFCI outlet? Specify a 1514-150 or 2012-150.

Pro Tip

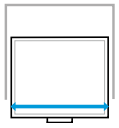
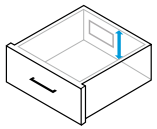
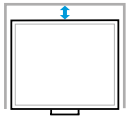
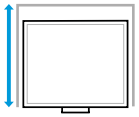
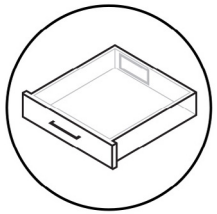
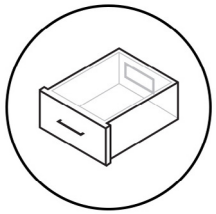
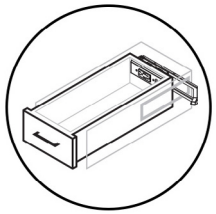
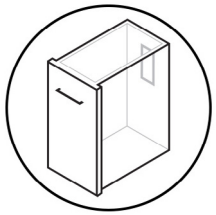
In-cabinet outlets can also be installed on the side wall of cabinets, if needed.

Installation Spec Book for Blade Series Outlets

SHARE WITH INDUSTRY PROFESSIONALS

Blade Outlets - Specify by Drawer Type

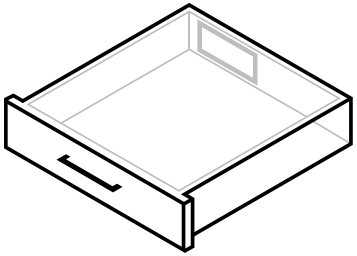
4 Drawer Types Shallow, Tall, Narrow, Vertical

		 Minimum Drawer Box Width (Outer Dimension)	 Minimum Interior Drawer Box Height	 Minimum Space Behind Drawer Box	 Maximum Base Cabinet Depth
	**Shallow Drawer** Most often found in kitchens, closets, offices, side tables, entryway tables, and retail projects.	**15″** or more	**3″** or more	**2″** or more	**24″** or less
	**Tall Drawer** Most often found in bathroom vanities and with above-glide mounting.	**13″** or more	**4″** or more	**2″** or more	**24″** or less
	**Narrow Drawer** Most often found in bathroom vanities and with over-glide mounting. Requires a channel to be cut in the cabinet sidewall.	**9″** or more	**4″** or more	**2″** or more	**24″** or less
	**Vertical Drawer** Most often found in bathroom vanities and kitchen pull outs.	**8″** or more	**13″** or more	**2″** or more	**24″** or less

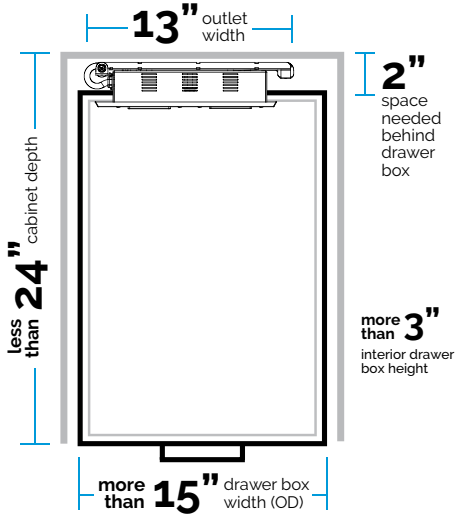
Shallow Drawer Type Minimum Cabinet Specifications

Shallow Drawer

Between Glide Mounting



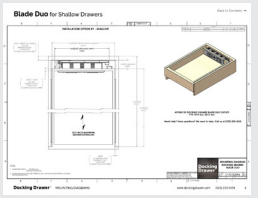
Outlet Width	**13”**
Minimum Drawer Box Width (Outer Dimension)	**15”** or more
Minimum Interior Drawer Box Height	**3”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**24”** or less



Pro Tip

Most often found in kitchens, closets, offices, side tables, entryway tables, and retail projects.

Download Mounting Diagrams →



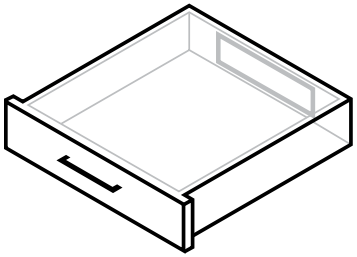
Most Popular Outlet:
15 amp Blade Duo In Drawer Outlet
1514-278

Shallow Drawer Type Installation Example: Centered Blade Series Outlets

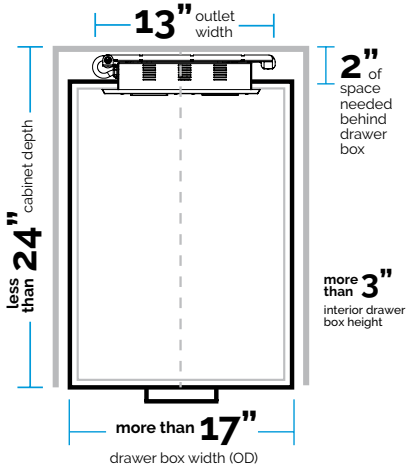
Docking Drawer Blade Series outlets can be installed so that the cover plate is centered in the drawer box. This requires the following minimum drawer box widths.

Shallow Drawer

Blade Duo

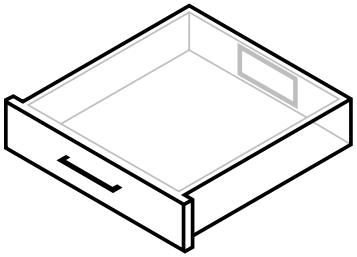


Outlet Width	**13”**
Minimum Drawer Box Width (Outer Dimension)	**17”** or more
Minimum Interior Drawer Box Height	**3”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**24”** or less

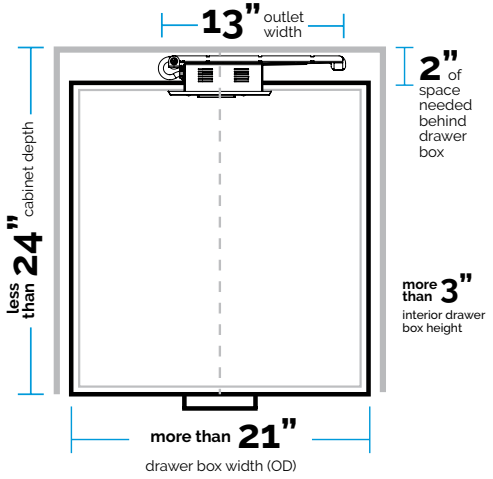


Shallow Drawer

Blade



Outlet Width	**13”**
Minimum Drawer Box Width (Outer Dimension)	**21”** or more
Minimum Interior Drawer Box Height	**3”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**24”** or less



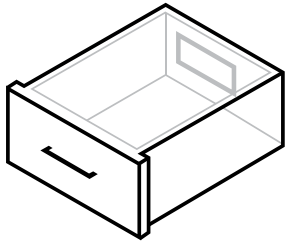
Pro Tip

For more installation examples, visit dockingdrawer.com/project-cards

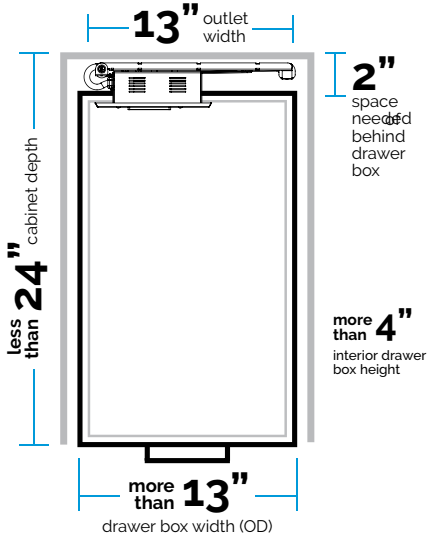
Tall Drawer Type Minimum Cabinet Specifications

Tall Drawer

Above Glide Mounting



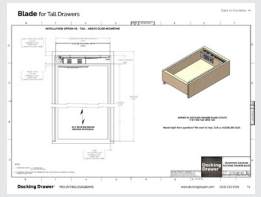
Outlet Width	**13”**
Minimum Drawer Box Width (Outer Dimension)	**13”** or more
Minimum Interior Drawer Box Height	**4”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**24”** or less



Pro Tip

Most often found in bathroom vanities when the outlet is mounted above the drawer glides.

Download Mounting Diagrams →



Most Popular Outlets:

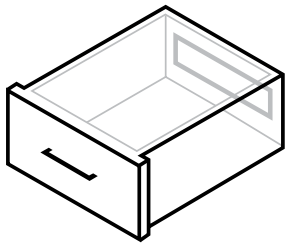
15 amp Blade Duo In Drawer Outlet 1514-266

15 amp Blade In Drawer Outlet 1514-160

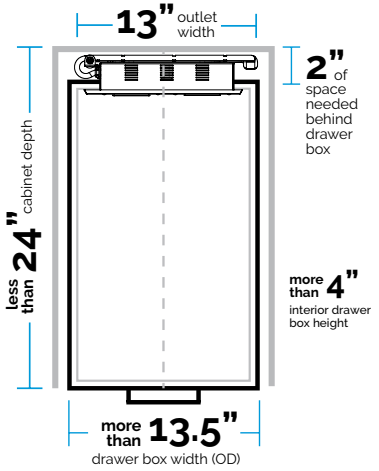
Tall Drawer Type Installation Example: Centered Blade Series Outlets

Docking Drawer Blade Series outlets can be installed so that the cover plate is centered in the drawer box. This requires the following minimum drawer box widths.

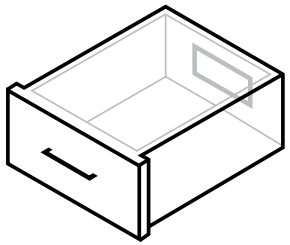
Tall Drawer
Blade Duo



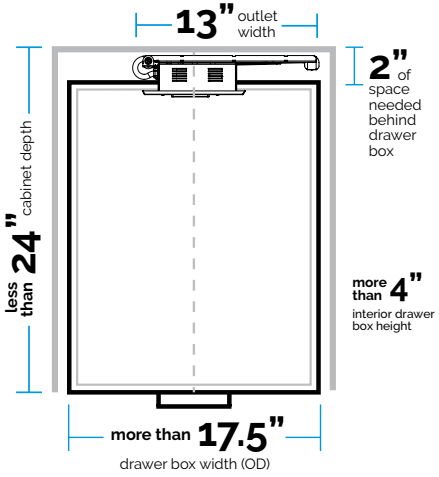
Outlet Width	**13”**
Minimum Drawer Box Width (Outer Dimension)	**13.5”** or more
Minimum Interior Drawer Box Height	**4”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**24”** or less



Tall Drawer
Blade



Outlet Width	**13”**
Minimum Drawer Box Width (Outer Dimension)	**17.5”** or more
Minimum Interior Drawer Box Height	**4”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**24”** or less



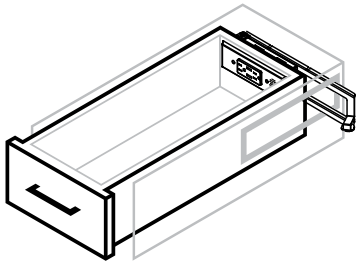
Pro Tip

For more installation examples, visit dockingdrawer.com/project-cards

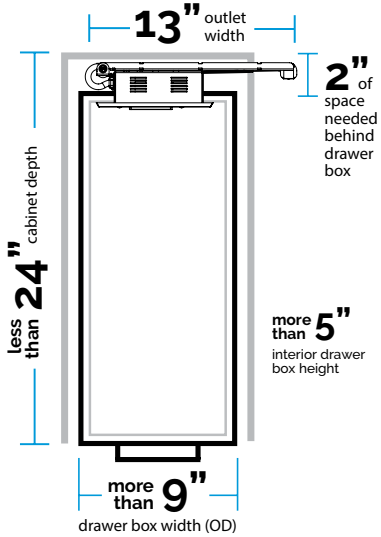
Narrow Drawer Type Minimum Cabinet Specifications for Blade Outlet

Narrow Drawer

Right Side Channel for Blade*

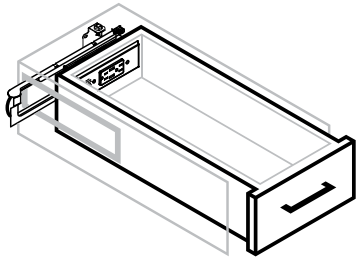


Blade Outlet Width	**13”**
Minimum Drawer Box Width (Outer Dimension)	**9”** or more
Minimum Interior Drawer Box Height	**5”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**24”** or less

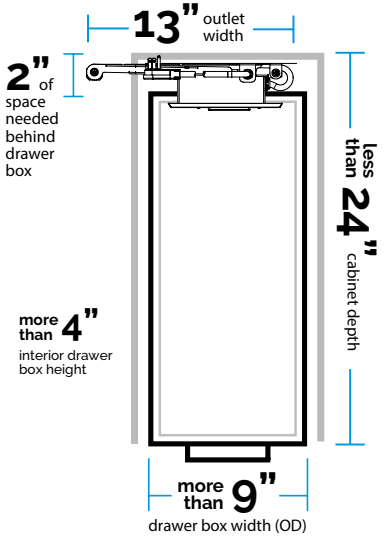


Narrow Drawer

Left Side Channel for Blade*



Blade Outlet Width	**13”**
Minimum Drawer Box Width (Outer Dimension)	**9”** or more
Minimum Interior Drawer Box Height	**4”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**24”** or less

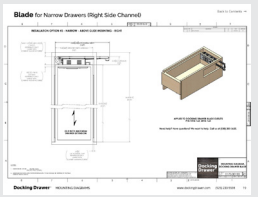


** Only Blade outlets are compatible with the Narrow Drawer installation method. Blade Duo outlets are not supported for this application.*

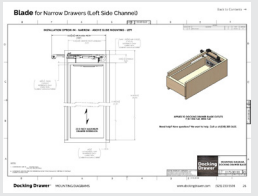
Pro Tip

Most often found in bathroom vanities and mounted over glides. Requires a channel to be cut in the cabinet sidewall.

Download Mounting Diagrams →

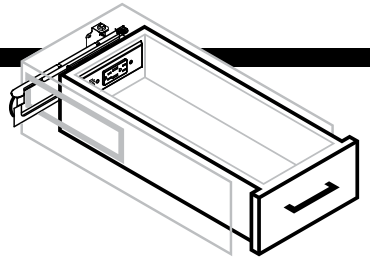


Download Mounting Diagrams →



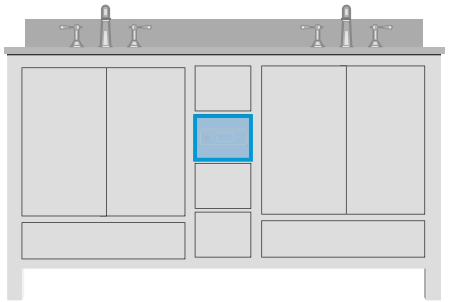
Most Popular Outlet:
15 amp Blade In Drawer Outlet 1514-160

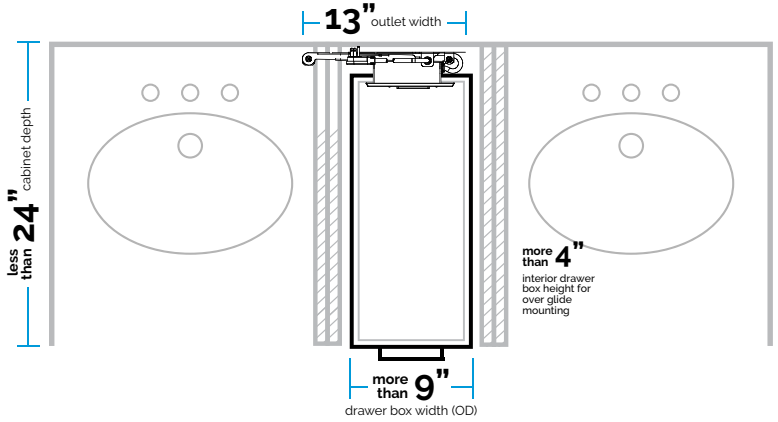
Narrow Drawer Type Installation: Blade Outlet and Vanity Drawer



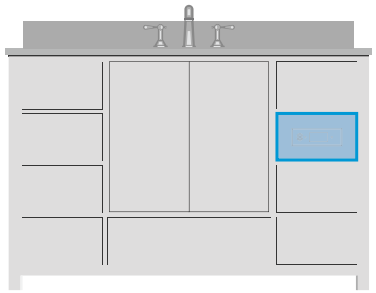
Docking Drawer Blade outlets can be specified into vanity drawers as narrow as 9" by creating a channel in the cabinet sidewall to allow space for the cable management arms to move freely.

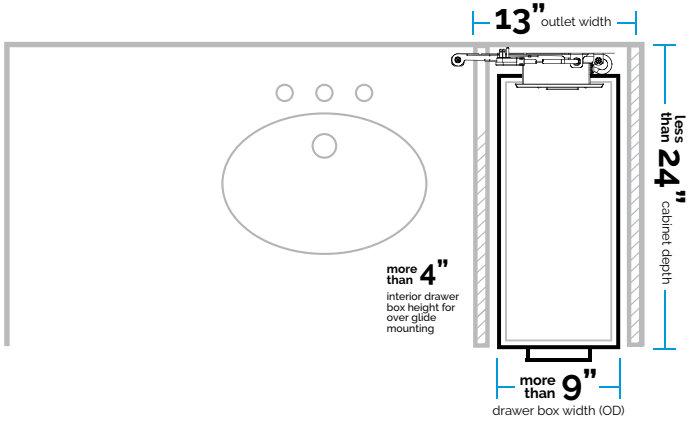
Double Sink Vanity





Single Sink Vanity





Pro Tip

Make sure the narrow drawer is tall enough to hold hot tools.

The top drawer is commonly used for everyday items like a toothbrush, comb, etc. while the second drawer is the most popular drawer for hot tools, such as hair dryers and curling irons.

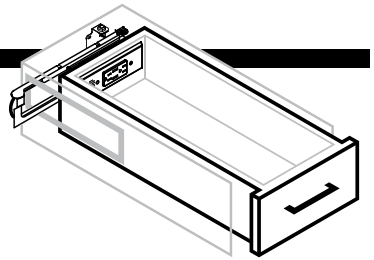
Q: Can I add Docking Drawer to a 12" Wide Drawer?
A: Yes! See Blade Compact Vanity Outlets

Need GFCI?

Plug a Blade Series outlet into a GFCI wall receptacle and pass on the GFCI properties to the in-drawer outlet.

Most Popular Outlet:
15 amp Blade In Drawer Outlet 1514-160

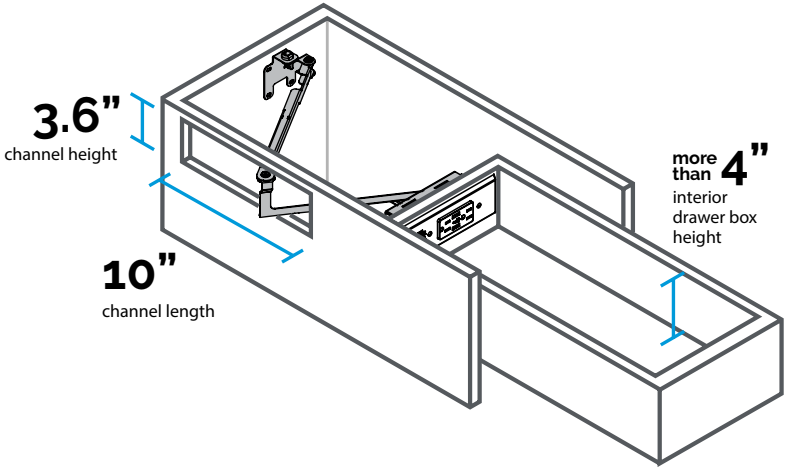
Narrow Drawer Type Installation: Blade Outlet and Left Side Channel



Docking Drawer Blade outlets can be left mounted into vanity drawers as narrow as 9" by flipping the outlet and creating a channel in the left cabinet sidewall to allow space for the cable management arms to move freely.

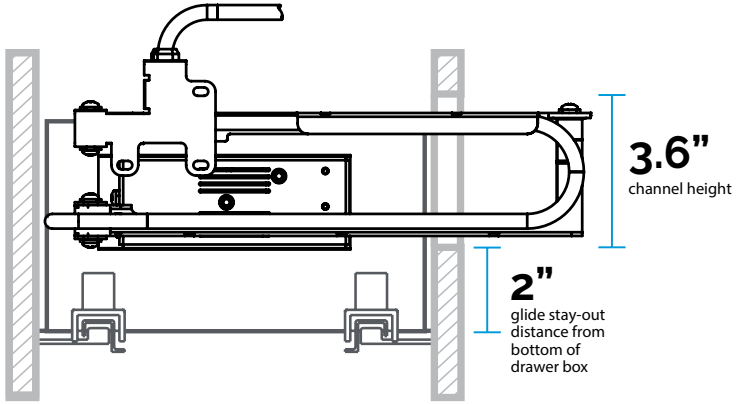
Left Side Channel

The outlet may be flipped so that the channel is on the left side of the cabinet wall.



Rear View

Ensure the cable management guides are mounted high enough to clear the drawer glides.



Pro Tip

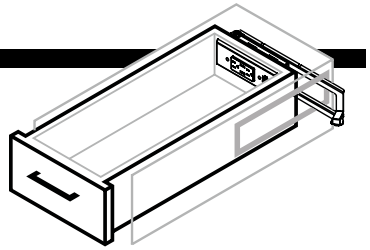
Make sure the outlet is mounted high enough in the drawer box to ensure the cable management arms clear the drawer glides.

If the drawer is over 9" wide, the channel length can be less than 10" in length.

Docking Drawer Blade is ideal for Narrow Drawer installations. The Blade cover plate is 7.18" wide and it fits into a 9" wide (OD) drawer box. Docking Drawer Blade Duo cover plate is 11.26" wide and fits best into 13" wide tall drawer boxes or 15" wide shallow drawer boxes.

Most Popular Outlet:
15 amp Blade In Drawer Outlet 1514-160

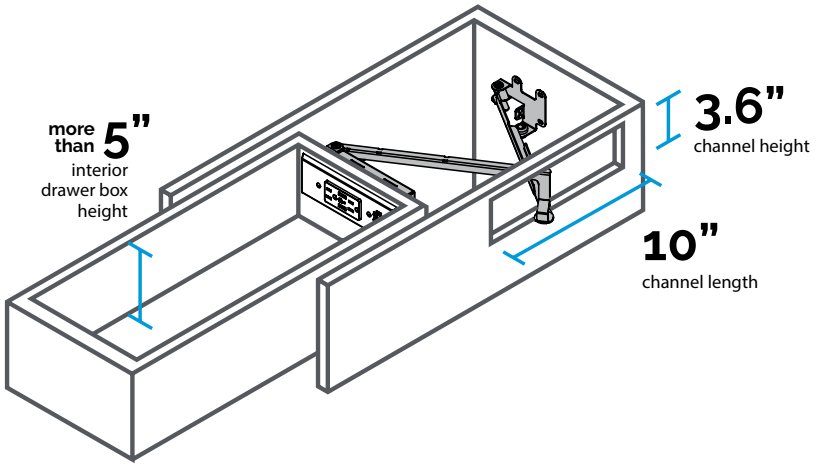
Narrow Drawer Type Installation: Blade Outlet and Right Side Channel



Docking Drawer Blade outlets can be right mounted into vanity drawers as narrow as 9” by creating a channel on the right cabinet sidewall to allow space for the cable management arms to move freely.

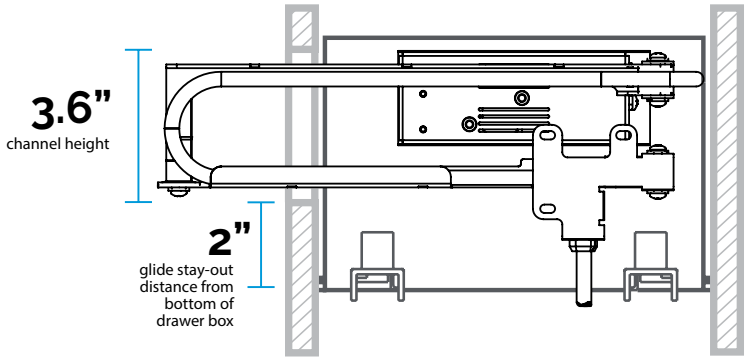
Right Side Channel

The channel dimensions for the cable management arms vary depending on your cabinet layout. In this example, the channel space needed is 3.63" x 10".



Rear View

Ensure the cable management guides are mounted high enough to clear the drawer glides.



Pro Tip

Make sure the outlet is mounted high enough in the drawer box to ensure the cable management arms clear the drawer glides.

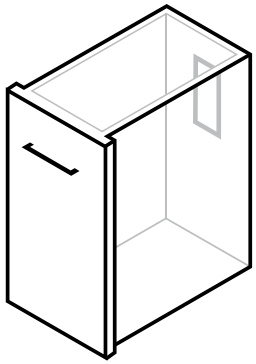
If the drawer is over 9" wide, the channel length can be less than 10" in length.

Docking Drawer Blade outlets are ideal for Narrow Drawer installations. The Blade cover plate is 7.18" wide and it fits into a 9" wide (OD) drawer box. Docking Drawer Blade Duo cover plate is 11.26" wide and fits best into 13" wide tall drawer boxes or 15" wide shallow drawer boxes.

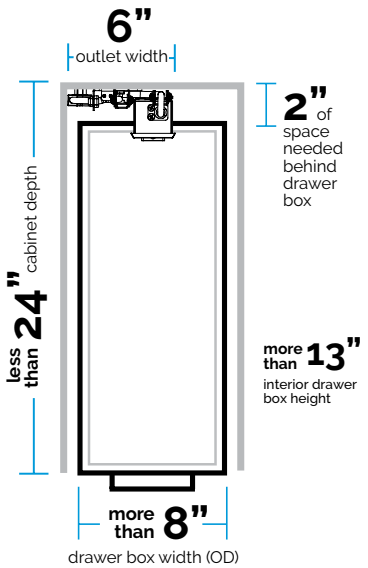
Most Popular Outlet:
15 amp Blade In Drawer Outlet 1514-160

Vertical Drawer Type Minimum Cabinet Specifications

Vertical Drawers



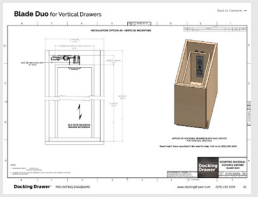
Outlet Width	**6”**
Minimum Drawer Box Width (Outer Dimension)	**8”** or more
Minimum Interior Drawer Box Height	**13”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**24”** or less



Pro Tip

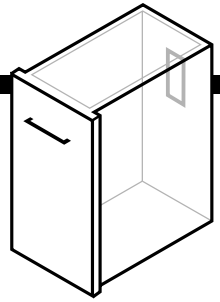
Most often found in bathroom vanities and kitchen pull outs.
If the vertical drawer is less than 13” tall, a channel can be cut into the bottom of the cabinet to utilize the toe kick space. Refer to page 48 for additional details.

Download Mounting Diagrams →

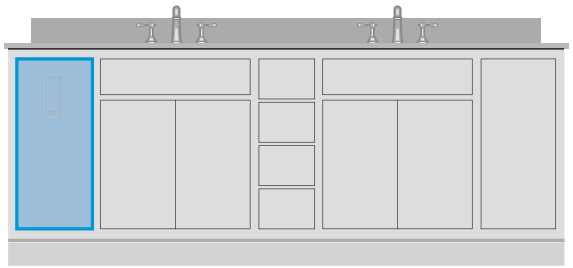


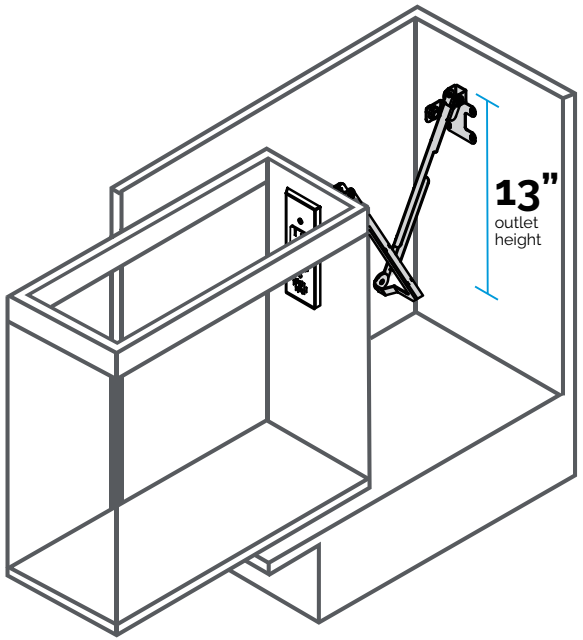
Most Popular Outlet:
15 amp Blade In Drawer Outlet 1514-160

Vertical Drawer Type Installation: Pull Out Organizer



Docking Drawer Blade Series outlets can be specified into tall vanity pull out organizers to create a dedicated space to stow and power hair dryers and other accessories while keeping vanity countertops clear of cord and device clutter.





Pro Tip

The ideal location for in-cabinet power supply is the lower left or right corner of the cabinet. This ensures that the cord does not interfere with the in-drawer outlet or the slides.

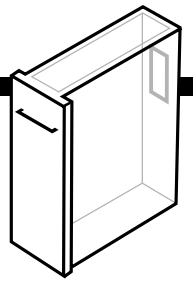
Docking Drawer Canisters are perfect for creating functional spaces while safely storing hot tools. Shop Now

Using a Rev-A-Shelf Grooming Organizer like this? Refer to our How To Guide here.

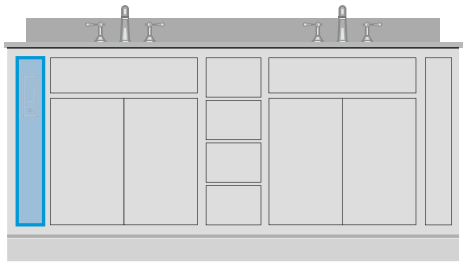
Need mounting diagrams? Download resources at dockingdrawer.com/downloads

Most Popular Outlet:
15 amp Blade In Drawer Outlet 1514-160

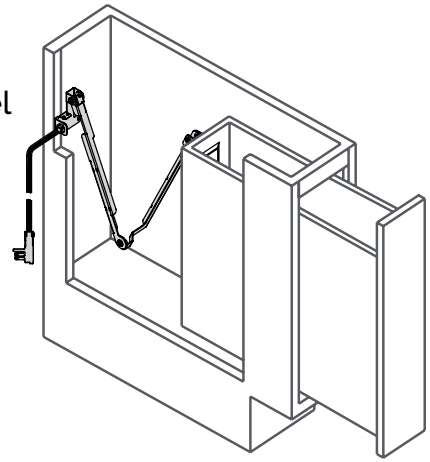
Vertical Drawer Type Installation: Narrow Vertical Drawer



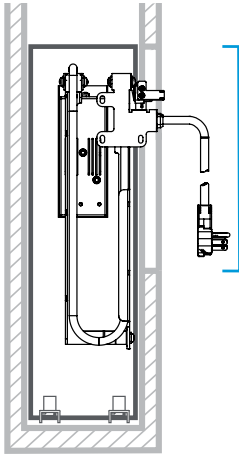
Docking Drawer Blade Series outlets can be specified into vertical drawers as narrow as 5” by creating a channel on the side of the cabinet to allow space for the rear mounting bracket and cord.



Side View
with channel



Back View
with channel



Channel provides mounting bracket space without interference

Pro Tip

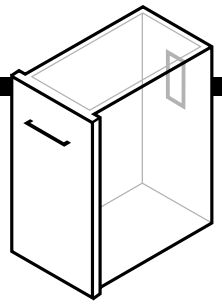
A 3.5” x 10” channel ensures the Blade rear mounting bracket does not interfere with the cabinet’s side wall when installed and provides the clearance needed to install the rear mounting bracket from behind the drawer.

Use the Docking Drawer Installation Tool to achieve precise rear bracket alignment in the tight cabinet space.

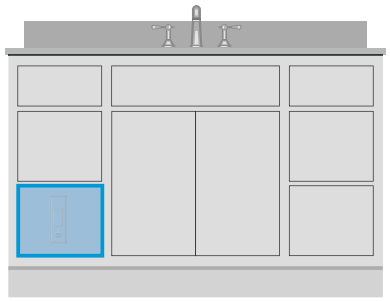
The tool’s rear mounting bracket locator can be attached from behind the drawer for accurate placement.

Most Popular Outlet:
15 amp Blade In Drawer Outlet 1514-160

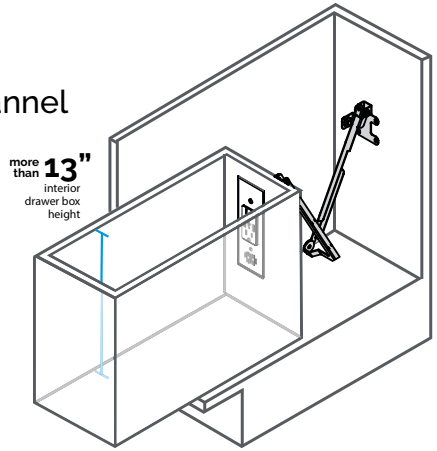
Vertical Drawer Type Installation: Short Vertical Drawer



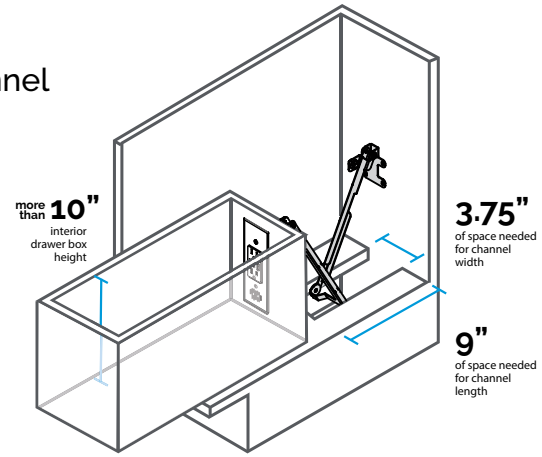
Docking Drawer Blade Series outlets can be specified into bathroom drawers as short as 10” by creating a channel on the bottom of the cabinet to allow space for the cable management arms.



Option 1
without channel



Option 2
with channel

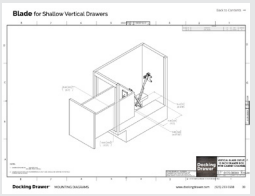


Pro Tip

The ideal location for in-cabinet power supply is the lower left or right corner of the cabinet. This ensures that the cord does not interfere with the in-drawer outlet or the slides.

To install the in-drawer outlet into a shallow vertical drawer, utilize the empty space in the toe kick as seen in Option 2 to make room for the cable management arms to function.

Download Mounting Diagrams →



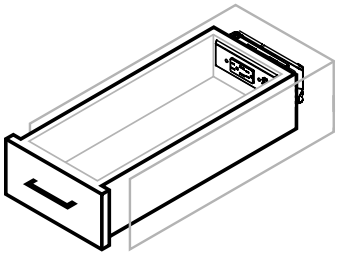
Most Popular Outlet:
15 amp Blade In Drawer Outlet 1514-160

Blade Compact Vanity Outlets

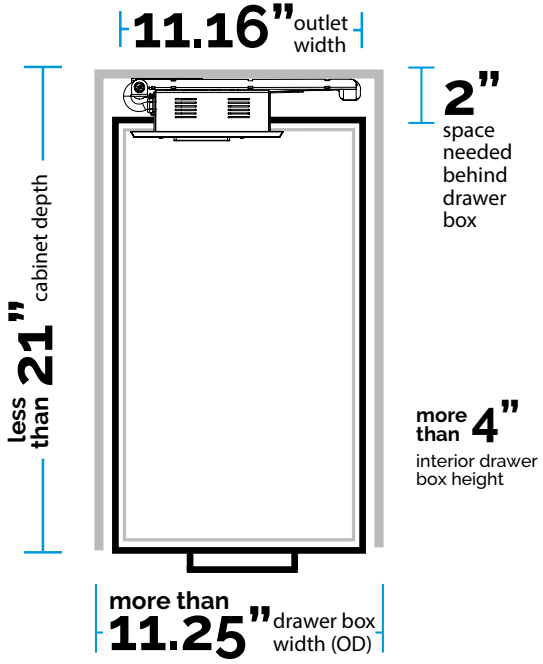
Blade Compact Vanity Outlets Most Compact Outlet Yet

Docking Drawer Blade Compact Vanity Outlets are perfect for bathroom vanity drawers as narrow as 11” and 21” base cabinet depths. While the standard Blade Series outlets have a maximum cabinet depth of 24”, Blade Compact Vanity Outlets have shorter cable management arms to fit in narrower drawers with lowered extensions.

Blade Compact Vanity Outlets



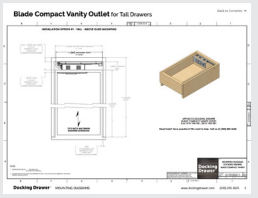
Outlet Width	**11.16”**
Minimum Drawer Box Width (Outer Dimension)	**11.25”** or more
Minimum Interior Drawer Box Height	**4”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**21”** or less



Pro Tip

Perfect for bathroom vanity drawers as narrow as 11” without the need for cabinet modifications.

Download Mounting Diagrams →

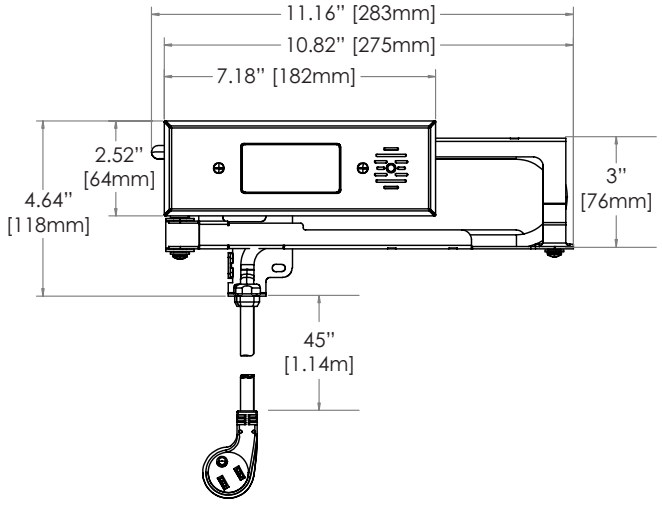


Most Popular Outlet:
15 amp Blade Compact Vanity Outlet 1514-160-X21

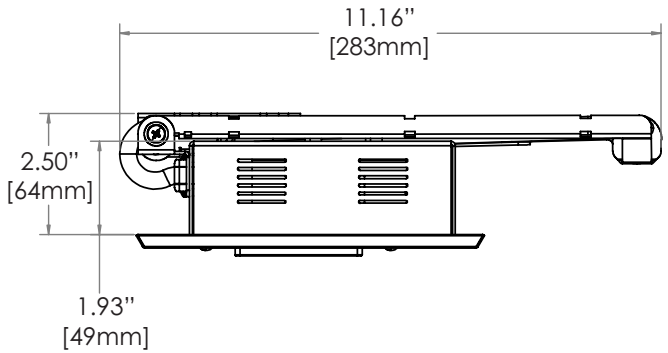
Outlet Dimensions of a Blade Compact Vanity Outlet

Outlet Width	11.16” (283mm)
Outlet Height	4.64” (118mm)
Outlet Depth	2.50” (64mm)
Receptacle Box Depth	1.93” (49mm)
Cover Plate Height	2.53” (64mm)
Cover Plate Width	7.18” (182mm)
Cover Plate Thickness	.29" (7.5mm)
Cable Management Arms Height	3" (76mm)
Cord Length (15 amp)	45” (1.14m)
Cord Length (20 amp)	41.5” (1.05m)

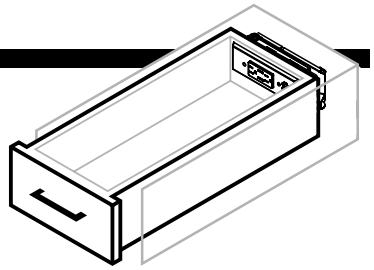
Front View



Top View

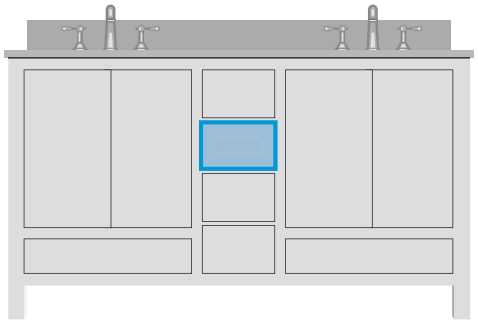


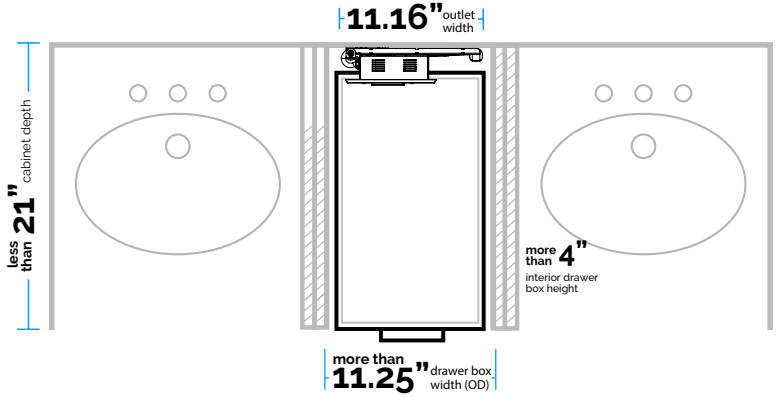
Blade Compact Vanity Outlet Installation: Vanity Drawer



Docking Drawer Blade Compact Vanity Outlets can be specified into vanity drawers as narrow as 11” to create a dedicated space to stow and power hair dryers and other accessories while keeping vanity countertops clear of cord and device clutter.

Double Sink Vanity





Pro Tip

Make sure the narrow drawer is tall enough to hold hot tools.

The top drawer is commonly used for everyday items like a toothbrush, comb, etc. while the second drawer is the most popular drawer for hot tools, such as hair dryers and curling irons.

Add an additional layer of safety to powered vanity drawers with a Safety Outlet with Blade Switch.

Need GFCI?

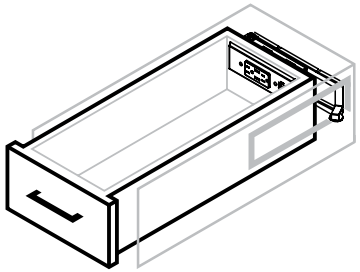
Plug a Blade Series outlet into a GFCI wall receptacle and pass on the GFCI properties to the in-drawer outlet.

Most Popular Outlet:
15 amp Blade In Drawer Outlet 1514-160-X21

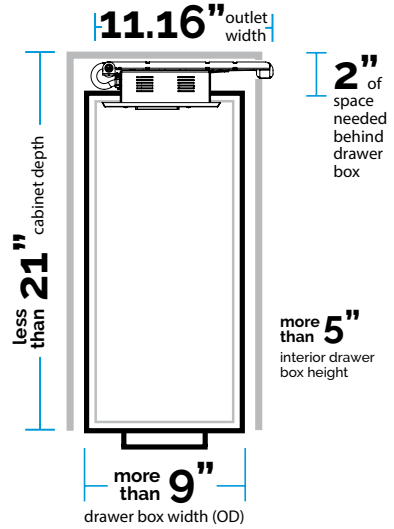
Narrow Drawer Type Minimum Cabinet Specifications for Blade Compact Vanity Outlet

Narrow Drawer

Right Side Channel for
Blade Compact Vanity Outlet

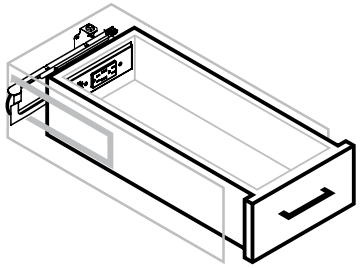


Compact Vanity Outlet Width	**11.16”**
Minimum Drawer Box Width (Outer Dimension)	**9”** or more
Minimum Interior Drawer Box Height	**5”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**21”** or less

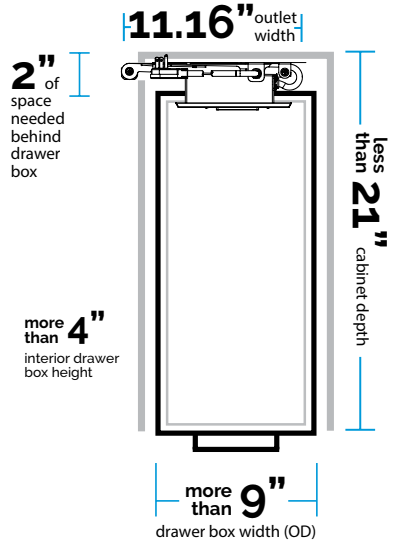


Narrow Drawer

Left Side Channel for
Blade Compact Vanity Outlet



Compact Vanity Outlet Width	**11.16”**
Minimum Drawer Box Width (Outer Dimension)	**9”** or more
Minimum Interior Drawer Box Height	**4”** or more
Minimum Space Behind Drawer Box	**2”** or more
Maximum Base Cabinet Depth	**21”** or less



Pro Tip

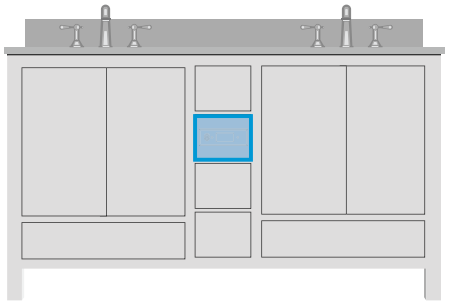
Most often found in compact bathroom vanities and mounted over glides. Requires a channel to be cut in the cabinet sidewall.

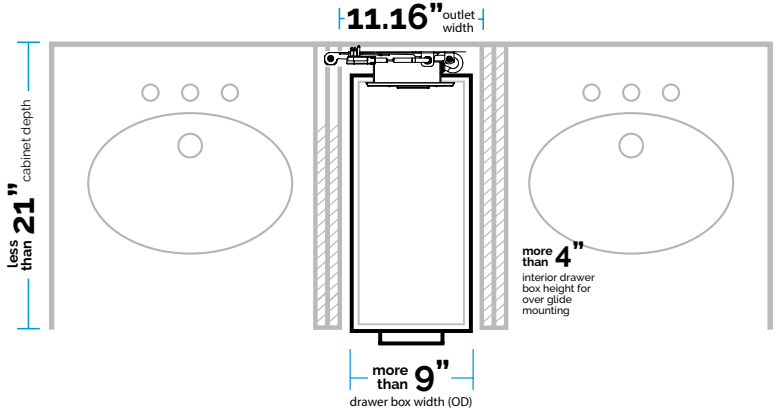
Most Popular Outlet:
15 amp Blade In Drawer Outlet
1514-160-X21

Narrow Drawer Type Installation: Blade Compact Vanity Outlet in Vanity Drawer

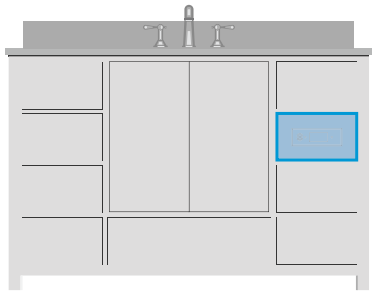
Docking Drawer Blade Compact Vanity Outlets can be specified into vanity drawers as narrow as 9" by creating a channel in the cabinet sidewall to allow space for the cable management arms to move freely.

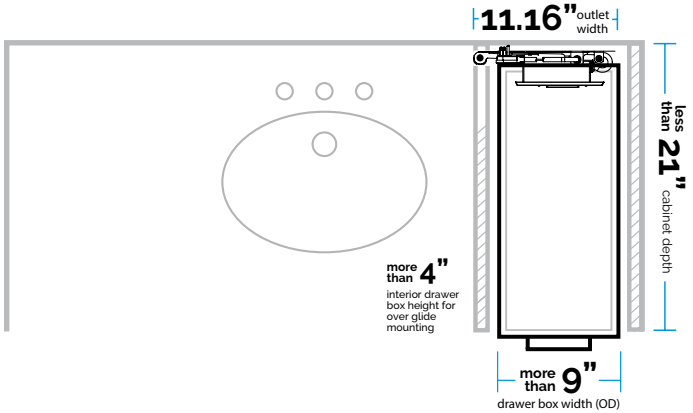
Double Sink Vanity





Single Sink Vanity





Pro Tip

Make sure the narrow drawer is tall enough to hold hot tools.

Studies show the top drawer is used for everyday items like a toothbrush, comb, etc. while the second drawer is the most popular drawer for hot tools, such as hair dryers and curling irons.

Need GFCI?

Plug a Blade Series outlet into a GFCI wall receptacle and pass on the GFCI properties to the in-drawer outlet.

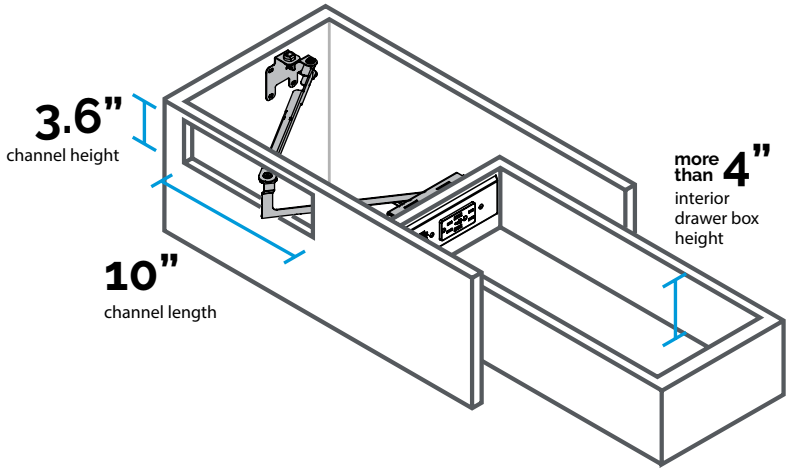
Most Popular Outlet:
15 amp Blade In Drawer Outlet 1514-160-X21

Narrow Drawer Type Installation: Blade Compact Vanity Outlet and Left Side Channel

Docking Drawer Blade Compact Vanity Outlets can be left mounted into vanity drawers as narrow as 9" by flipping the outlet and creating a channel in the left cabinet sidewall to allow space for the cable management arms to move freely.

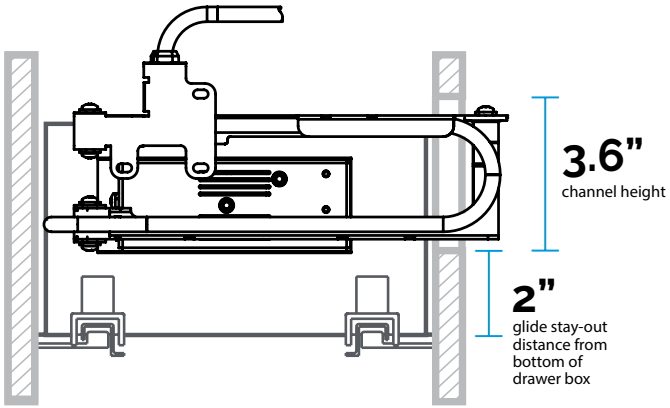
Left Side Channel

The outlet may be flipped so that the channel is on the left side of the cabinet wall.



Rear View

Ensure the cable management guides are mounted high enough to clear the drawer glides.



Pro Tip

Make sure the outlet is mounted high enough in the drawer box to ensure the cable management arms clear the drawer glides.

If the drawer is over 9" wide, the channel length can be less than 10" in length.

Docking Drawer Blade Compact Vanity Outlet is ideal for Narrow Drawer installations. The Blade cover plate is 7.18" wide and it fits into a 9" wide (OD) drawer box.

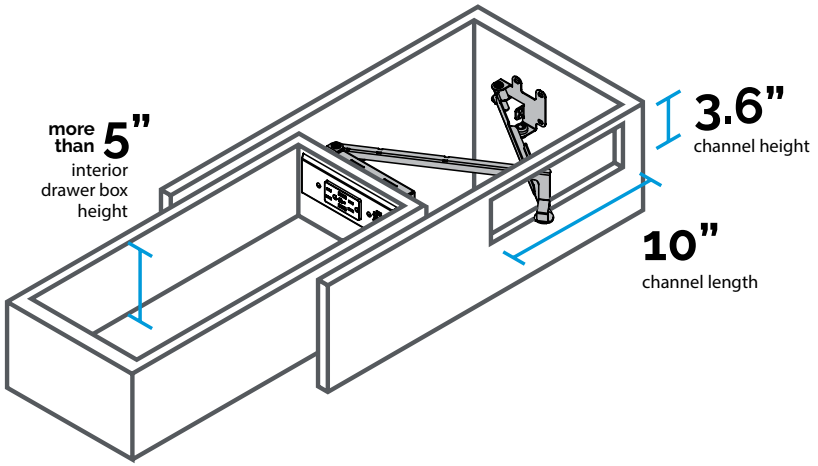
Most Popular Outlet:
15 amp Blade In Drawer Outlet
1514-160-X21

Narrow Drawer Type Installation: Blade Compact Vanity Outlet and Right Side Channel

Docking Drawer Blade Compact Vanity Outlets can be right mounted into vanity drawers as narrow as 9” by creating a channel on the right cabinet sidewall to allow space for the cable management arms to move freely.

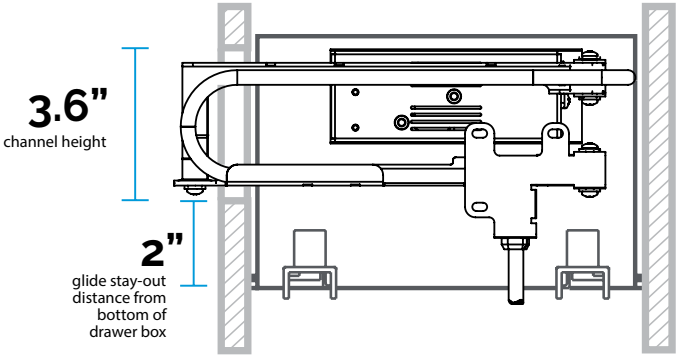
Right Side Channel

The channel dimensions for the cable management arms vary depending on your cabinet layout. In this example, the channel space needed is 3.63" x 10".



Rear View

Ensure the cable management guides are mounted high enough to clear the drawer glides.



Pro Tip

Make sure the outlet is mounted high enough in the drawer box to ensure the cable management arms clear the drawer glides.

If the drawer is over 9" wide, the channel length can be less than 10" in length.

Docking Drawer Blade Compact Vanity Outlets are ideal for Narrow Drawer installations. The Blade cover plate is 7.18" wide and it fits into a 9" wide (OD) drawer box.

Most Popular Outlet:
15 amp Blade In Drawer Outlet
1514-160-X21

Part Numbers for 15 amp Blade Compact Vanity Series Outlets (1514-1xx-X21)

ALL AC - NO USB

BEST SELLER

Blade
1514-160W-X21
15 amp

- ○ 1514-160W-X21
- ● 1514-160B-X21
- ◍ 1514-160S-X21

(2) AC

Blade
1514-150W-X21
15 amp

- ○ 1514-150W-X21
- ● 1514-150B-X21
- ◍ 1514-150S-X21

(2) AC-GFCI

FAST - 30W USB-C

Blade
1514-130W-X21
15 amp

- ○ 1514-130W-X21
- ● 1514-130B-X21
- ◍ 1514-130S-X21

(2) 30W USB-C & (2) AC

FASTEST - 65W USB-C

Blade
1514-170W-X21
15 amp

- ○ 1514-170W-X21
- ● 1514-170B-X21
- ◍ 1514-170S-X21

(2) 65W USB-C & (2) AC

Part Numbers for 20 amp Blade Compact Vanity Series Outlets (2012-1xx-X21)

ALL AC - NO USB

BEST SELLER

Blade
2012-160W-X21
20 amp

- ○ 2012-160W-X21
- ● 2012-160B-X21
- ◍ 2012-160S-X21

(2) AC

Blade
2012-150W-X21
20 amp

- ○ 2012-150W-X21
- ● 2012-150B-X21
- ◍ 2012-150S-X21

(2) AC-GFCI

FAST - 30W USB-C

Blade
2012-130W-X21
20 amp

- ○ 2012-130W-X21
- ● 2012-130B-X21
- ◍ 2012-130S-X21

(2) 30W USB-C & (2) AC

FASTEST - 65W USB-C

Blade
2012-170W-X21
20 amp

- ○ 2012-170W-X21
- ● 2012-170B-X21
- ◍ 2012-170S-X21

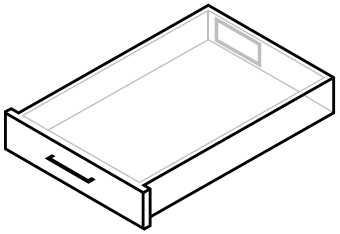
(2) 65W USB-C & (2) AC

Blade Deep Cabinet Outlets

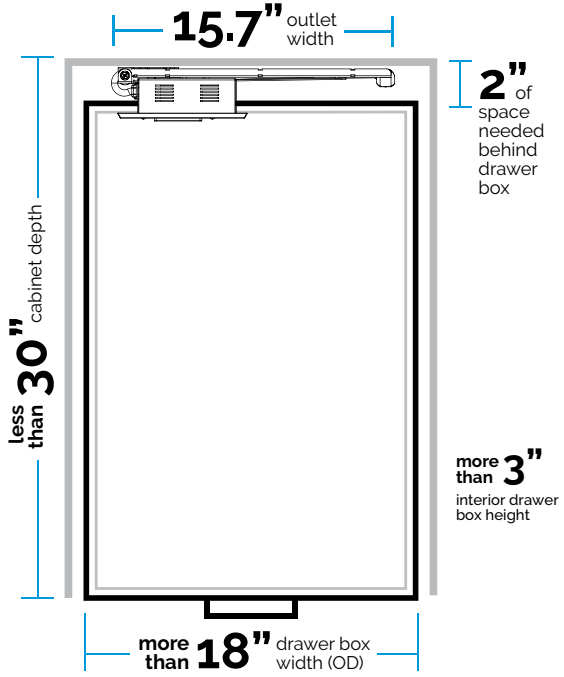
Blade Deep Cabinet Outlets For Cabinet Depths up to 30"

Docking Drawer Blade Deep Cabinet Outlets are perfect for kitchen islands and base cabinet depths between 24" and 30" deep. While the standard Blade series outlets have a maximum cabinet depth of 24", Blade Deep Cabinet Outlets have longer cable management arms for increased extension.

Blade Deep Cabinet Outlets



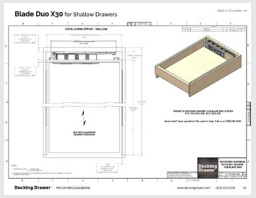
Outlet Width	**15.7"**
Minimum Drawer Box Width (Outer Dimension)	**18"** or more
Minimum Interior Drawer Box Height	**3"** or more
Minimum Space Behind Drawer Box	**2"** or more
Maximum Base Cabinet Depth	**30"** or less



Pro Tip

Perfect for kitchen islands, printer drawers & for base cabinet depths between 24" & 30".

Download Mounting Diagrams →

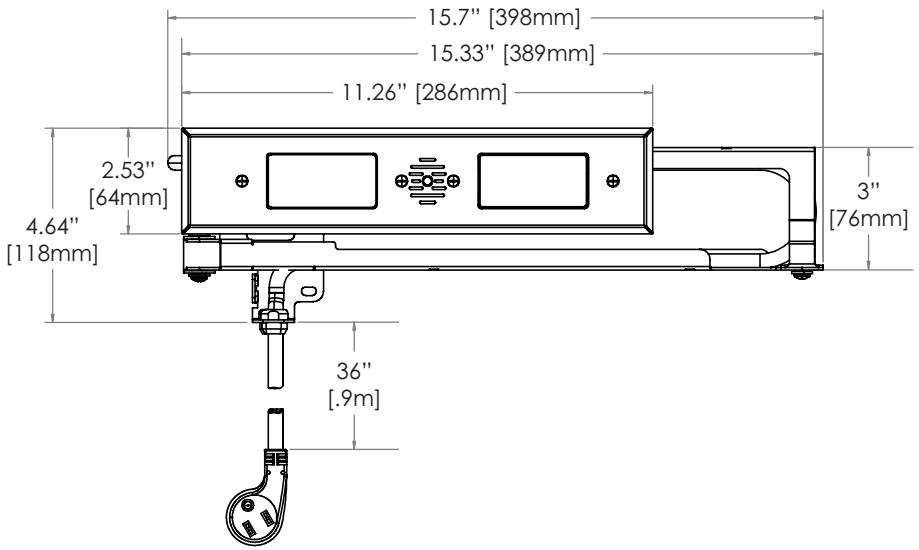


Most Popular Outlet:
15 amp Blade In Drawer Deep Cabinet Outlet 1514-170-X30

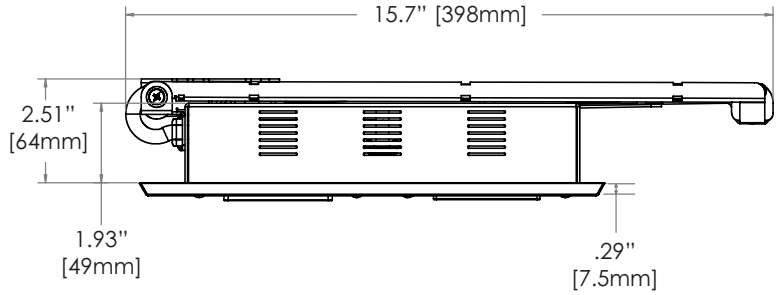
Outlet Dimensions of a Blade Duo Deep Cabinet In Drawer Outlet

Outlet Width	15.7” (398mm)
Outlet Height	4.64” (118mm)
Outlet Depth	2.51” (64mm)
Receptacle Box Depth	1.93” (49mm)
Cover Plate Height	2.53” (64mm)
Cover Plate Width	11.26” (286mm)
Cover Plate Thickness	.29" (7.5mm)
Cable Management Arms Height	3" (76mm)
Cord Length	36” (.9m)

Front View



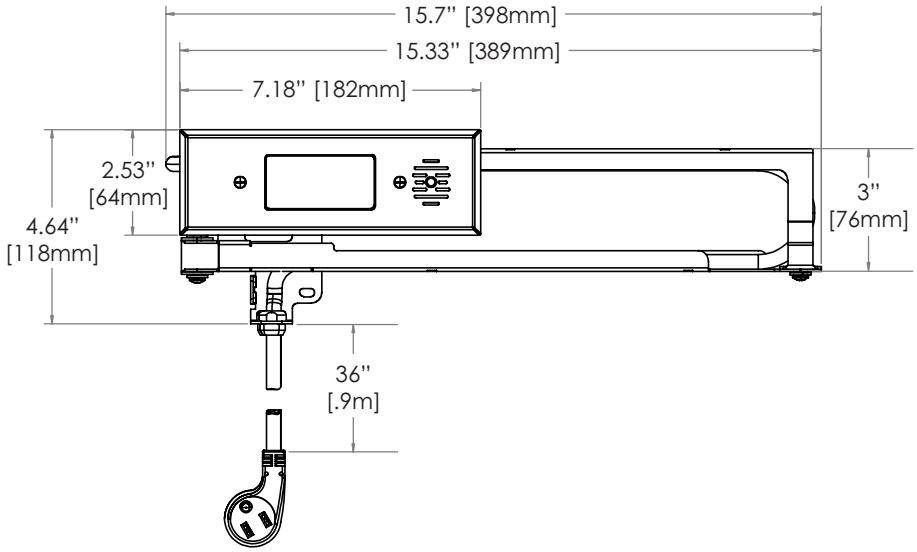
Top View



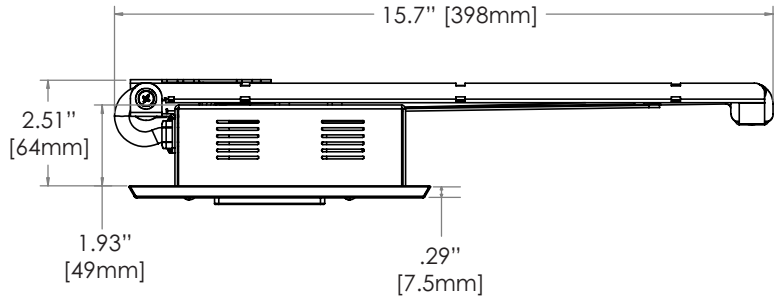
Outlet Dimensions of a Blade Deep Cabinet In Drawer Outlet

Outlet Width	15.7” (398mm)
Outlet Height	4.64” (118mm)
Outlet Depth	2.51” (64mm)
Receptacle Box Depth	1.93” (49mm)
Cover Plate Height	2.53” (64mm)
Cover Plate Width	7.18” (182mm)
Cover Plate Thickness	.29" (7.5mm)
Cable Management Arms Height	3" (76mm)
Cord Length	36” (.9m)

Front View



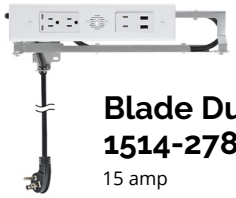
Top View



Part Numbers for 15 amp Blade Duo Deep Cabinet Series Outlets (1514-2xx-X30)

FASTEST - 65W USB-C

BEST SELLER

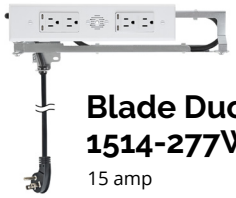


Blade Duo 1514-278W-X30

15 amp

- ○ 1514-278W-X30
- ● 1514-278B-X30
- ◍ 1514-278S-X30

(2) 65W USB-C &
(2) 30W USB-C,
(2) USB-A, & (2) AC



Blade Duo 1514-277W-X30

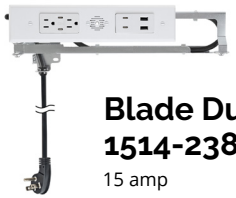
15 amp

- ○ 1514-277W-X30
- ● 1514-277B-X30
- ◍ 1514-277S-X30

(4) 65W USB-C & (4) AC

FAST - 30W USB-C

BEST SELLER



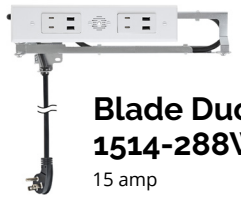
Blade Duo 1514-238W-X30

15 amp

- ○ 1514-238W-X30
- ● 1514-238B-X30
- ◍ 1514-238S-X30

(4) 30W USB-C,
(2) USB-A, & (2) AC

BEST SELLER



Blade Duo 1514-288W-X30

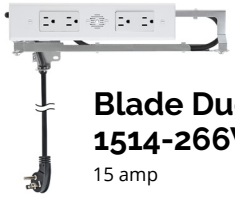
15 amp

- ○ 1514-288W-X30
- ● 1514-288B-X30
- ◍ 1514-288S-X30

(4) 30W USB-C &
(4) USB-A

ALL AC - NO USB

BEST SELLER



Blade Duo 1514-266W-X30

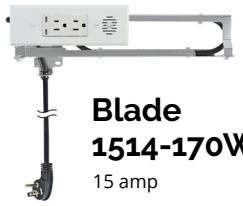
15 amp

- ○ 1514-266W-X30
- ● 1514-266B-X30
- ◍ 1514-266S-X30

(4) AC

Part Numbers for 15 amp Blade Deep Cabinet Series Outlets (1514-1xx-X30)

FASTEST - 65W USB-C

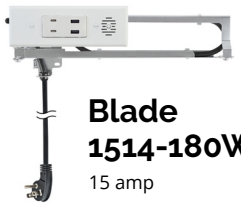


Blade
1514-170W-X30
15 amp

- ○ 1514-170W-X30
- ● 1514-170B-X30
- ◍ 1514-170S-X30

(2) 65W USB-C & (2) AC

FAST - 30W USB-C



Blade
1514-180W-X30
15 amp

- ○ 1514-180W-X30
- ● 1514-180B-X30
- ◍ 1514-180S-X30

(2) 30W USB-C & (2) USB-A

Blade
1514-130W-X30
15 amp

- ○ 1514-130W-X30
- ● 1514-130B-X30
- ◍ 1514-130S-X30

(2) 30W USB-C & (2) AC

ALL AC - NO USB

BEST SELLER

Blade
1514-160W-X30
15 amp

- ○ 1514-160W-X30
- ● 1514-160B-X30
- ◍ 1514-160S-X30

(2) AC

Safety Outlets for Vanity Drawers

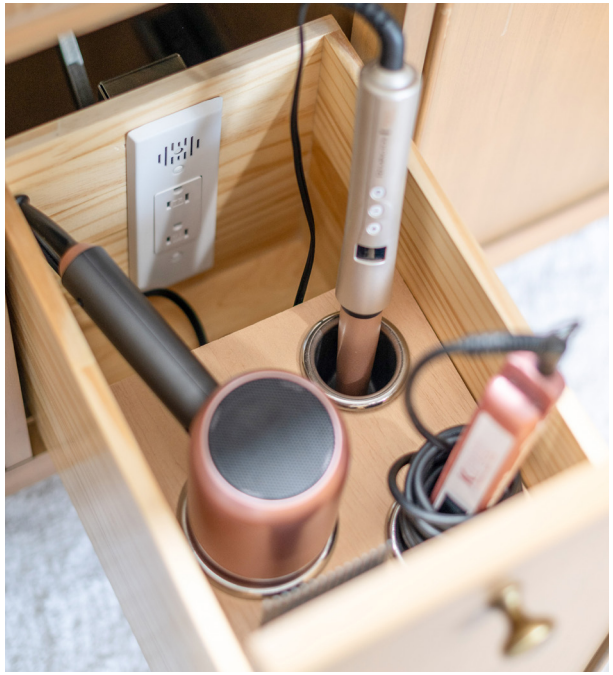
Safety Outlets Vanity Drawer Applications

Docking Drawer Safety Outlets automatically control in-drawer outlet power based on the position of the vanity drawer, powering devices on for use and off for safety when closed. We offer code-compliant solutions that enhance the safety of vanity drawers of every kind.

Don't see the safety outlet and switch combination you need? Call us at (530) 205-3625 to create the perfect solution for your project!

Vanity Drawers

Our Safety Interlock Outlet with Blade Switch, when paired with any Blade Series in-drawer outlet, takes safety to the next level by automatically cutting power when the drawer is closed. Pairing these products together adds peace of mind for applications like powered vanity drawers, where styling tools remain connected and ready. Together, these products satisfy CEC guidelines for AC outlets in a cabinet.

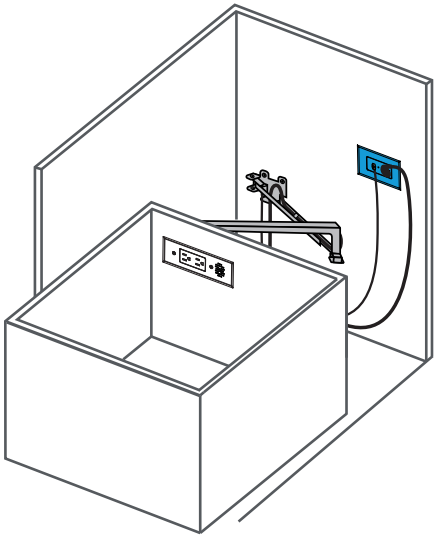


Vanity Drawers 15 amp Safety Interlock Outlet with Blade Switch

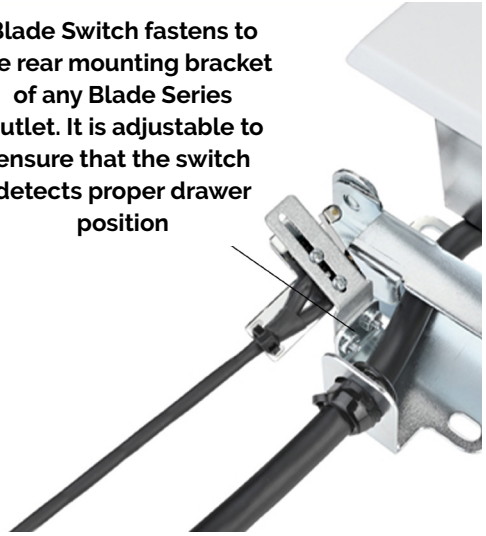
Our 15 amp Safety Interlock Outlet with Blade Switch, when paired with any 15 amp Blade Series in-drawer outlet, takes safety to the next level by automatically cutting power when the drawer is closed. Pairing these products together adds peace of mind for applications like powered vanity drawers where heat-generating styling tools remain connected and ready, and complies with CEC guidelines for AC outlets in the cabinet.

Safety Interlock Outlet

Blade Switch



Blade Switch fastens to the rear mounting bracket of any Blade Series Outlet. It is adjustable to ensure that the switch detects proper drawer position



Pro Tip

Most often used in bathroom vanities, kitchen appliance garages and Canadian installations.

Want to create an appliance garage without an in-drawer outlet? Learn more about our Magnetic Switch

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Need Electrical Listings?

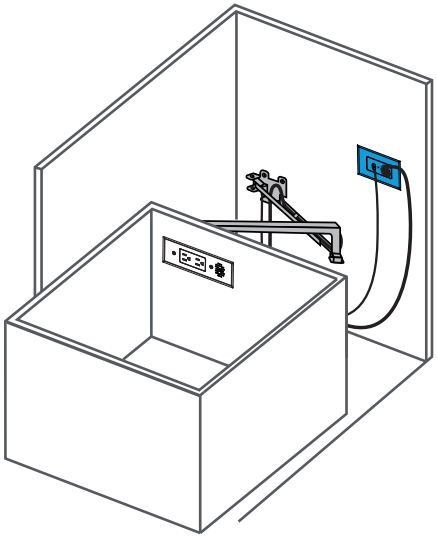
Download now at dockingdrawer.com/downloads

Vanity Drawers 20 amp Safety Interlock Outlet with Blade Switch

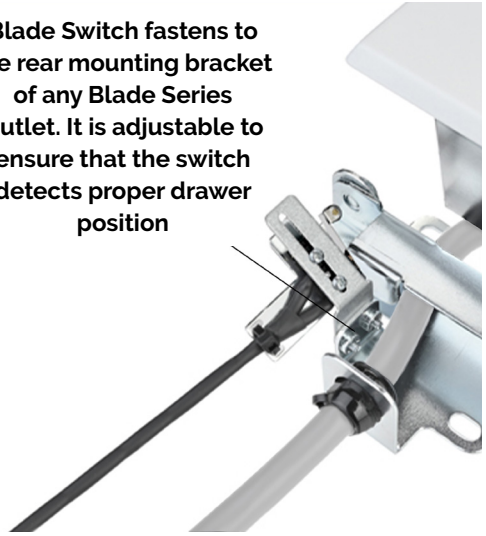
Our 20 amp Safety Interlock Outlet with Blade Switch, when paired with any 20 amp Blade Series in-drawer outlet, takes safety to the next level by automatically cutting power when the drawer is closed. Pairing these products together adds peace of mind for applications like powered vanity drawers where heat-generating styling tools remain connected and ready, and complies with CEC guidelines for AC outlets in the cabinet.

Safety Interlock Outlet

Blade Switch



Blade Switch fastens to the rear mounting bracket of any Blade Series Outlet. It is adjustable to ensure that the switch detects proper drawer position



Pro Tip

Most often used in bathroom vanities, kitchen appliance garages and Canadian installations.

Want to create an appliance garage without an in-drawer outlet? Learn more about our Magnetic Switch

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Part Numbers Safety Outlets for Vanity Drawers

BEST SELLER

15 amp Safety Interlock Outlet with Blade Switch
6015-1000W

20 amp Safety Interlock Outlet with Blade Switch
6020-1000W

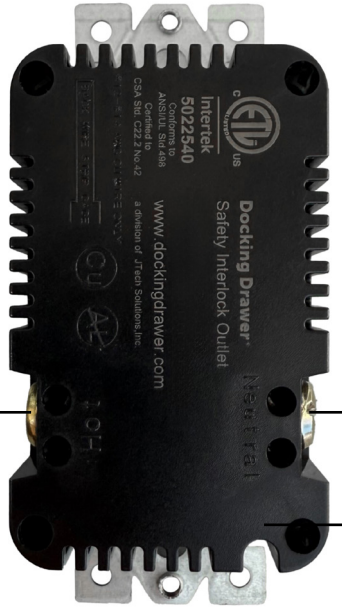
Safety Interlock Outlet Anatomy

Switch Connector

LED indicator

NEMA 5-15 receptacle
**20 amp configuration available with NEMA 5-20 receptacle*

Mounting Bracket



Hot (Line)

Neutral

Ground

Blade Switch Switch Anatomy

Blade Switch

Low Voltage Cable

Safety Outlet Connector

Pro Tips

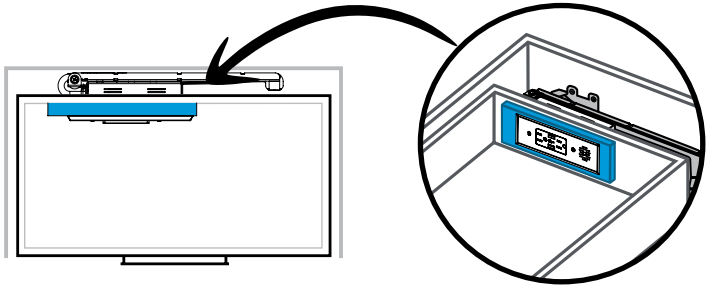
Minimal Space Behind the Drawer Box Installation Technique #1

Create a Spacer (1.25" to 2" Behind the Drawer Box)

You can create a spacer to move the Docking Drawer Blade series outlet further into the drawer box. Spacers can range in length and depth to create a wide range of installation options.

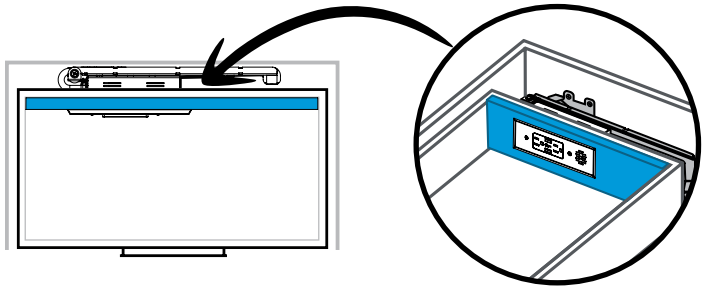
Minimal Width Spacer

Spacer Installation Technique



Full Width Spacer

Spacer Installation Technique



Pro Tip

The outlet cutout for this installation technique is larger than the standard Blade outlet cutout. Refer to Mounting Diagrams - Minimal Space Behind Drawer Box for spacer and cutout dimensions.

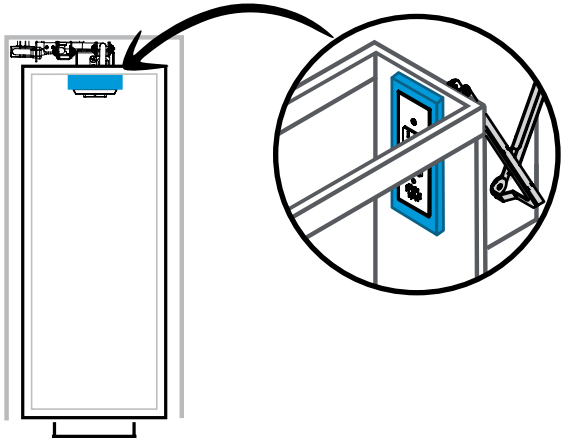
Minimal Space Behind the Drawer Box Installation Technique #1

Create a Spacer (1.25" to 2" Behind the Drawer Box)

You can create a spacer to move the Docking Drawer Blade series outlet further into the drawer box. Spacers can range in length and depth to create a wide range of installation options.

Minimal Width Spacer

Spacer Installation Technique



Pro Tip

The outlet cutout for this installation technique is larger than the standard Blade outlet cutout. Refer to Mounting Diagrams - Minimal Space Behind Drawer Box for spacer and cutout dimensions.

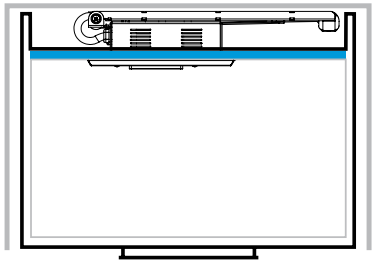
Minimal Space Behind the Drawer Box Installation Technique #2

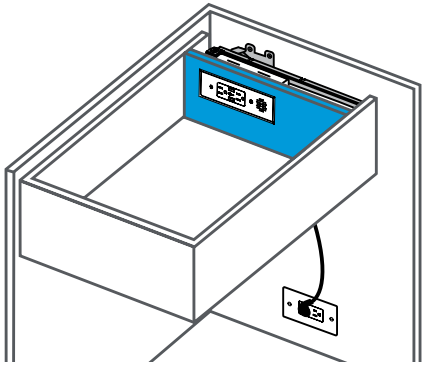
Reposition the back of the drawer box (0" - 2" Behind the Drawer Box)

A new drawer back can be added to move the Docking Drawer Blade series outlet further into the drawer box. For a neater look, cover from the new drawer back panel to the rear of the drawer box so you will not see the mechanical parts of the in-drawer outlet behind the back panel.

Repositioned Drawer Box Without Cover

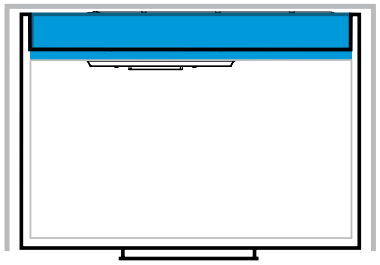
Installation Technique

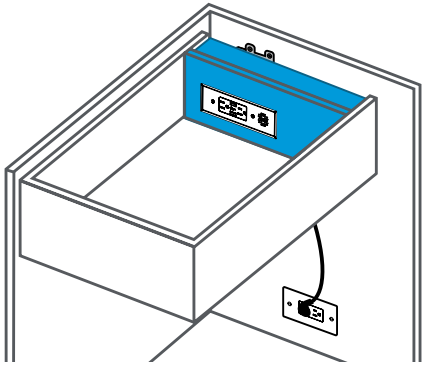




Repositioned Drawer Box With Cover

Installation Technique





Pro Tip

Read more about shortening the drawer box.

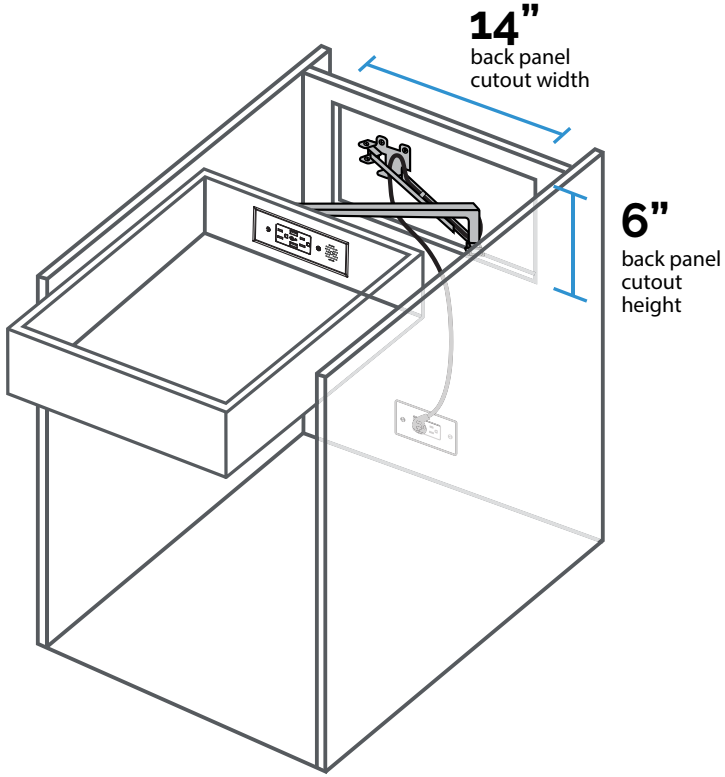
Minimal Space Behind the Drawer Box Installation Technique #3

Use space behind the cabinet (0" - 2" Behind the Drawer Box)

The back panel of the cabinet can be removed to utilize the extra space. If there is a filler gap between the back panel of your cabinets and the drywall, add a cutout to utilize that space and mount the Docking Drawer bracket directly to the drywall.

Drywall Installation Technique

Using #8 Drywall Anchors



Pro Tip

Closet cabinetry doesn't have a back, Docking Drawer outlets can be mounted to the wall.

Read more about shortening the drawer box.

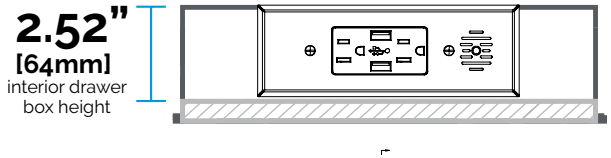
Minimal Drawer Box Height Installation Technique #1

Create a U-shaped Cutout to Drop In the Outlet

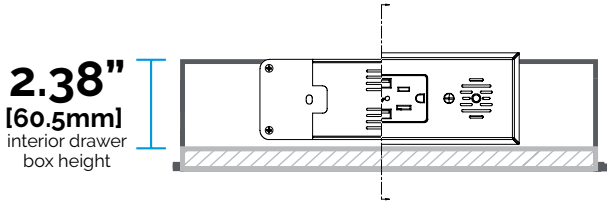
For optimal installation of a Blade Duo or Blade outlet, we recommend an minimum interior drawer box height of 3" (76 mm). This ensures full coverage over the 2.52" (64 mm) outlet cover plate and provides solid structural support. If the drawer box is shorter, this requires a U-shaped cutout, and we recommend using solid, durable materials (not pressboard) to maintain integrity.

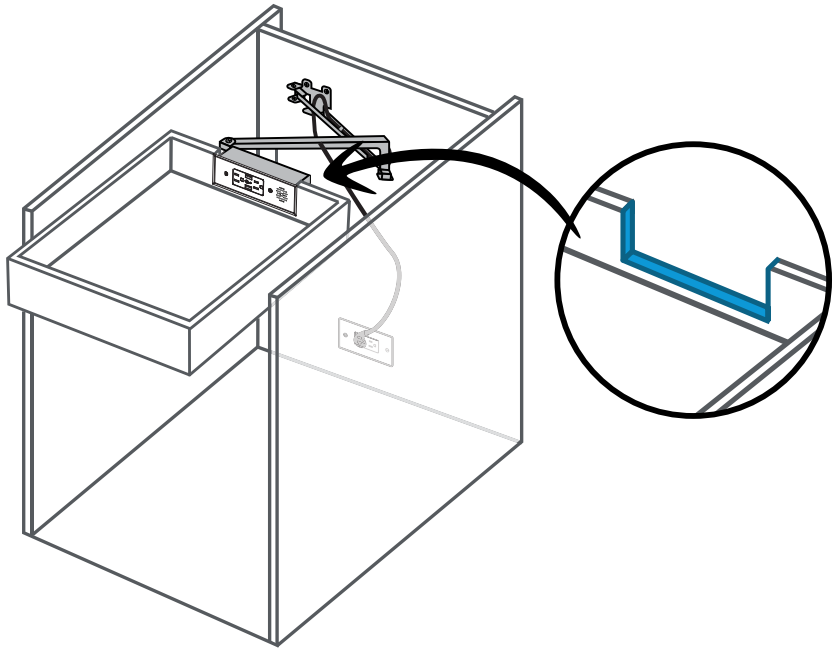
Create a U-Shaped Cutout

Cover Plate is Flush with Top of Drawer Box



Receptacle Box is Flush with Top of Drawer Box





Pro Tip

It's technically possible to reduce the height further, but this will eliminate two mounting locations and should only be done with thoughtful planning.

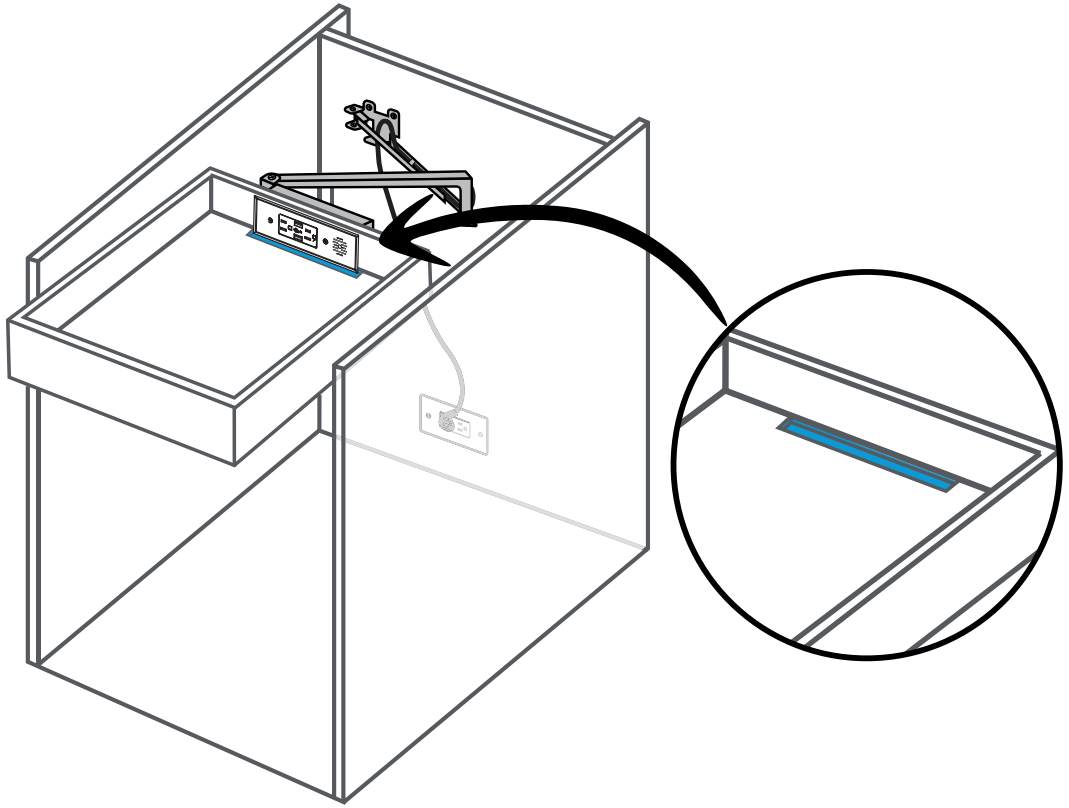
As an alternative, increasing the height of the drawer box is a helpful approach. See the following page for details

Minimal Drawer Box Height Installation Technique #2

Route Out the Bottom of the Drawer Box

If the drawer box is shallower than the required 3" minimum, use a router to remove material on the bottom of the drawer box to allow space for the outlet's cover plate.

Route Out the Bottom of the Drawer Box



Pro Tip

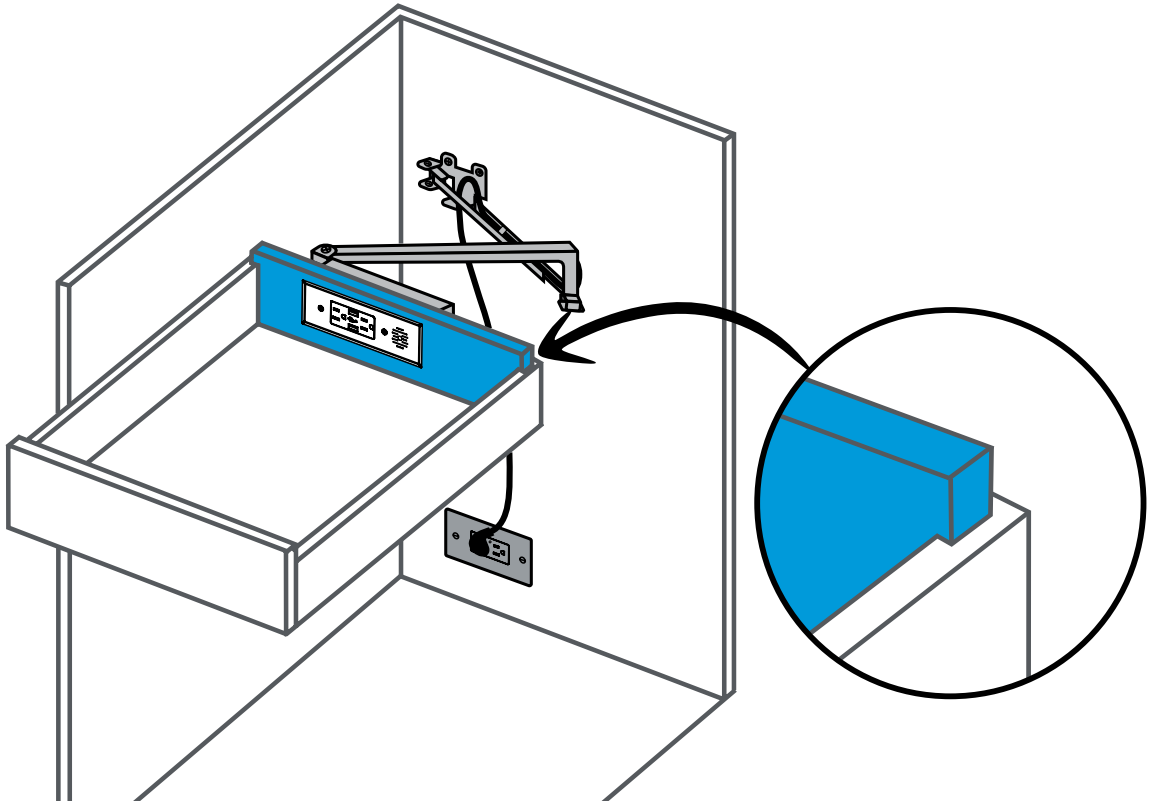
When the interior drawer box height is less than 3," and you are seeking to install the outlet as low as possible in the drawer box, you can remove material from the bottom of the drawer box so the beveled cover plate.

Minimal Drawer Box Height Installation Technique #3

Create a Taller Drawer Box Back Wall (to Create 3" of Interior Drawer Box Height)

If the drawer box is shallower than the required 3" minimum, the height of the back wall of the drawer box can be increased to accommodate the Blade Series receptacle box.

Create a Taller Drawer Box Back Wall Technique



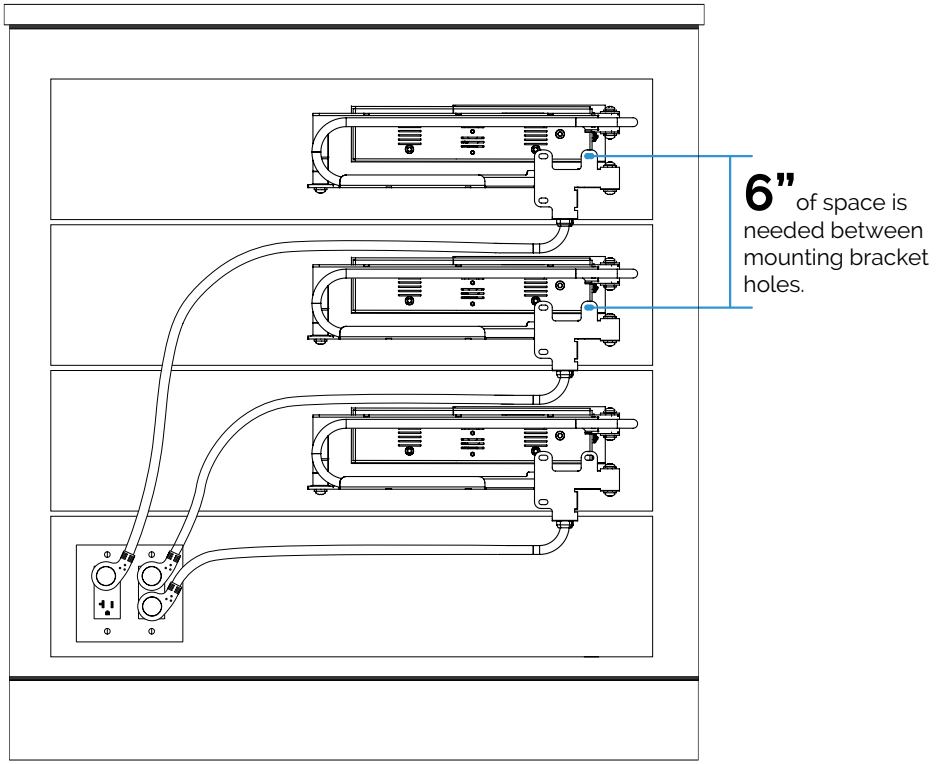
Pro Tip

Ensure there is enough room above the drawer box to accommodate a taller back wall.

Multiple Outlets in Stacked Drawers Installation Technique

When installing multiple outlets into stacked sets of drawers, you will need to ensure a minimum space of 6” between the mounting bracket holes, as depicted in the illustration below.

Stacked Drawers with Outlets



Pro Tip

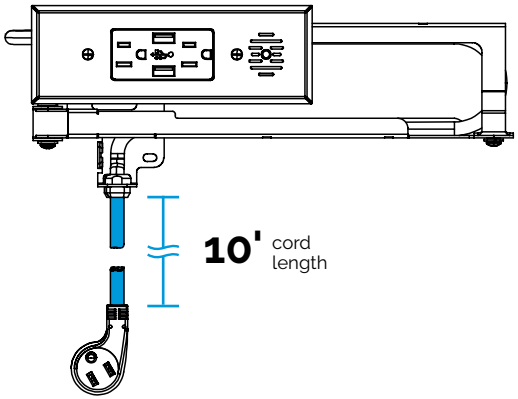
Shallow drawers need to be at least 15" wide to keep the cord out of cable management arms.

10' Cord Solutions

The standard cord length for 15 amp Blade Series outlets is 3.5', but longer 10' cord lengths are available. 15 amp Docking Drawer Blade Series outlets with 10' cords are perfect for furniture applications where available wall outlets may be further away or in inconvenient spots hidden by larger furniture pieces.

Cord Length - 15 amp

Blade Duo and Blade 1514-XXX-X96 in drawer outlets feature a 10' long cord.



Pro Tip

Guide the 10ft Blade Series cord along the legs of furniture pieces to maintain a clutter free aesthetic.

All cords are measured from the exit of the rear mounting bracket to the molded plug.

Most Popular Outlet:
15 amp Blade Duo with 10’ Cord Outlet 1514-278W-X96

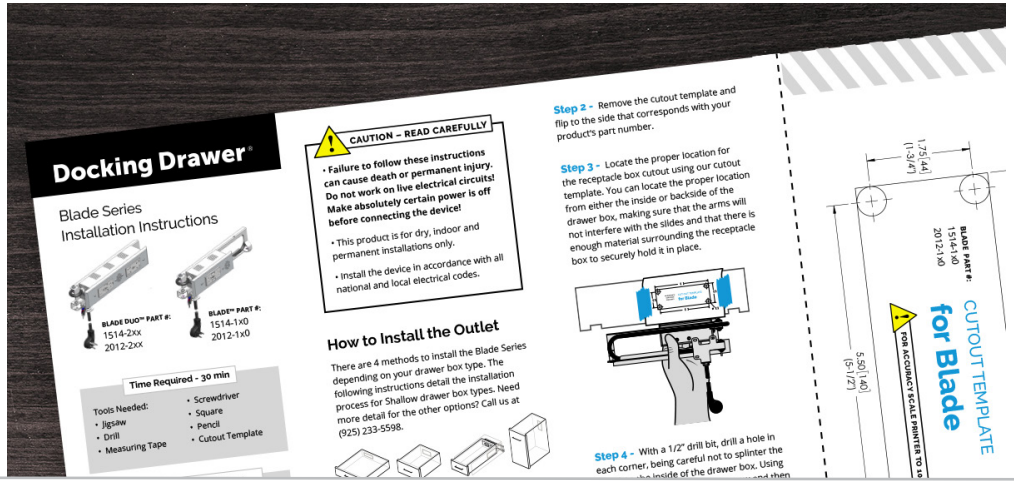
Installation Resources

Installation Resources for Blade Series In-Drawer Outlets

Docking Drawer provides all of the resources you need for a smooth Blade Series in-drawer outlet installation. Simply click this link to download now.

Installation Manuals

Step by step instructions for installing Blade Series in-drawer outlets.

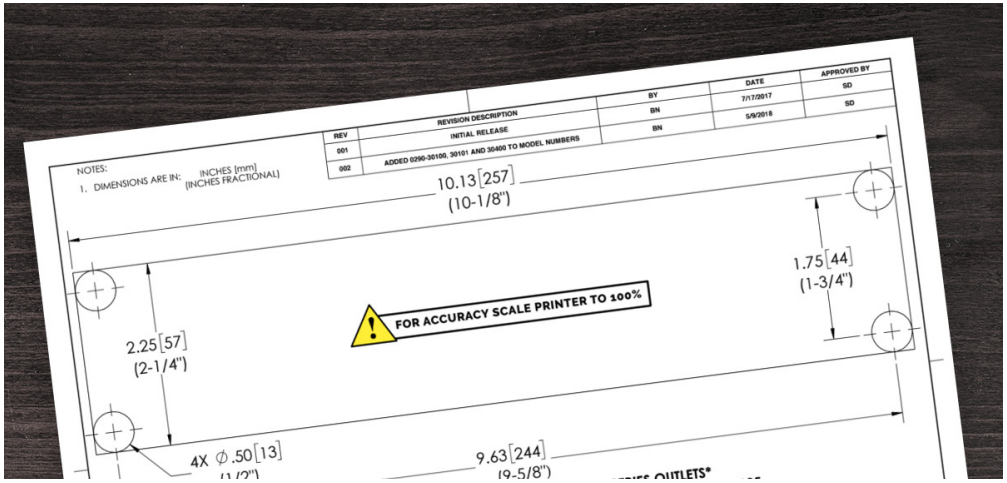


Pro Tip

Installation Manuals are available to download at dockingdrawer.com/downloads

Cutout Templates

Printable PDF templates to guide your receptacle box cutout placement.



Pro Tip

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Installation Resources for Blade Series In-Drawer Outlets

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Installation Videos

Follow along with our step by step instructions to install your Docking Drawer project.

Pro Tip

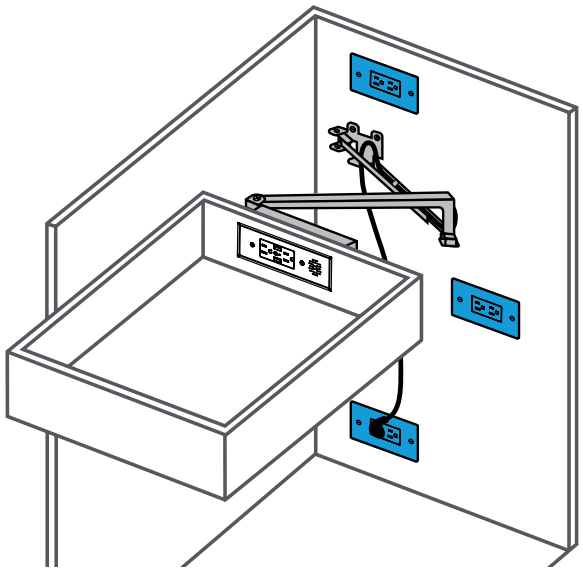
Installation videos are available to watch here.

Electrical Installation Guide

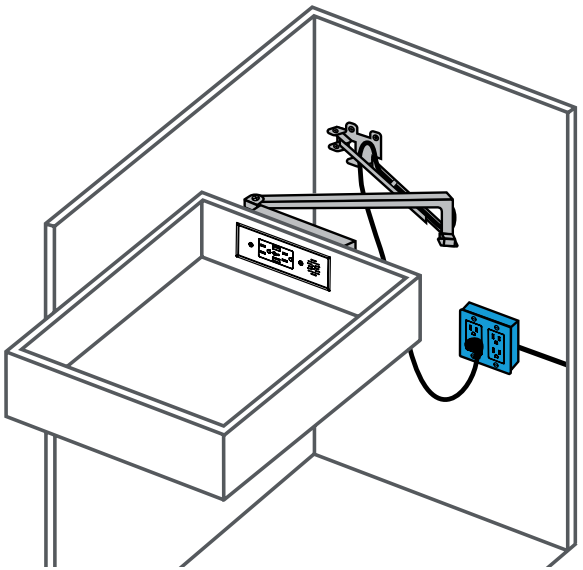
Electrical Installation Guide Locating In-Cabinet Power

The in-cabinet electrical supply can either be flush mounted or surface mounted.

Flush Mounted



Surface Mounted



***Items marked in blue are not included**

Pro Tip

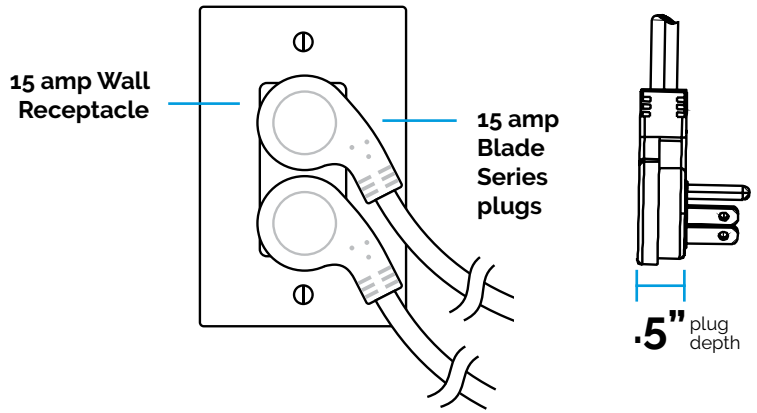
Make sure that in-cabinet outlets are not directly behind the drawer box so they do not interfere with the drawer closing.

Electrical Installation Guide Connecting Blade Series Outlets to In-Cabinet Power

The 15 amp Blade Series outlet design ensures that customers can utilize the maximum number of wall receptacles without interference. The slim plug design uses minimal space behind the drawer and sits at a 45 degree angle so as to not block the other receptacle.

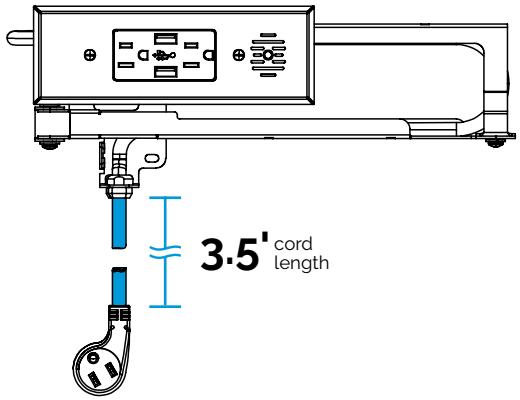
Blade Series Plug Design - 15 amp

Features a slim design to use minimal space behind the drawer box and ensures both wall receptacles can be utilized.



Cord Length - 15 amp

Blade Duo and Blade 1514-XXX in drawer outlets feature a 3.5' long cord.



Need Electrical Listings?

Download detailed electrical listing reports at dockingdrawer.com/downloads

All cords are measured from the exit of the rear mounting bracket to the molded plug.

To create passthrough holes in nightstands, furniture, and other high-end cabinetry with divided sections, a minimum 1.5" hole is needed for .5" material. For thicker material, a wider hole will be needed.

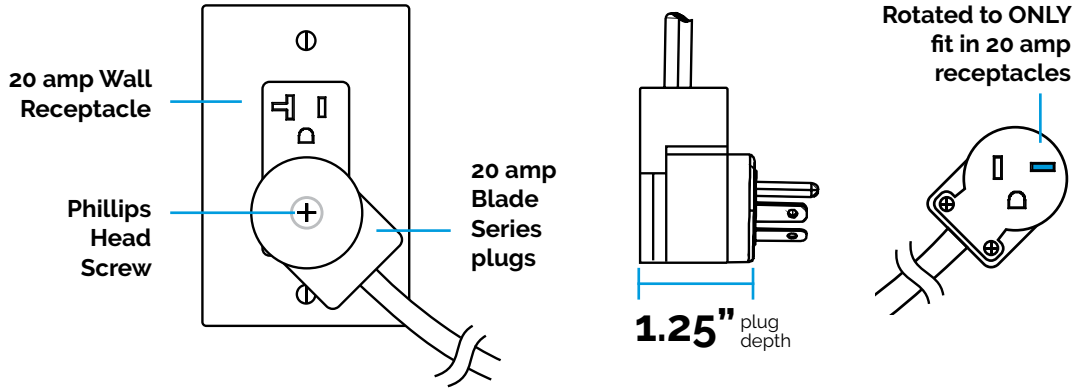
Most Popular Outlet:
15 amp Blade Duo In Drawer Outlet 1514-278

Electrical Installation Guide Connecting Blade Series Outlets to In-Cabinet Power

The 20 amp Blade Series outlet design features a rotated prong that ONLY fits in 20 amp wall receptacles. 20 amp plugs can be rotated at a 45 or 90 degree angle for added flexibility.

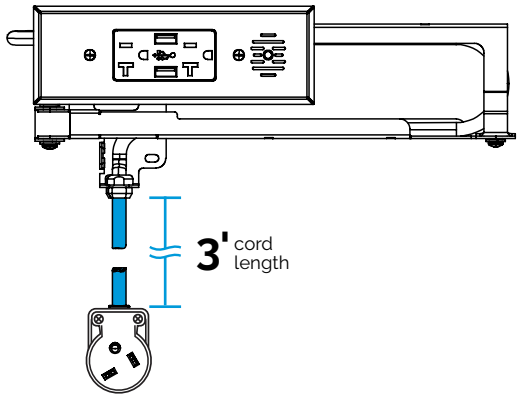
Blade Series Plug Design - 20 amp

Features a rotated prong that ONLY fits in 20 amp receptacles.



Cord Length - 20 amp

Blade Duo and Blade 2012-XXX in-drawer outlets feature a 3' long cord.



Need Electrical Listings?

Download detailed electrical listing reports at dockingdrawer.com/downloads

Pro Tip

The 20 amp plug comes set at a 45 degree angle. Loosen the center screw and rotate the plug to set at a 90 degree angle.

Two 20 amp Blade Series plugs cannot fit into a wall receptacle at the same time.

Most Popular Outlet:
20 amp Blade In Drawer Outlet 2012-160

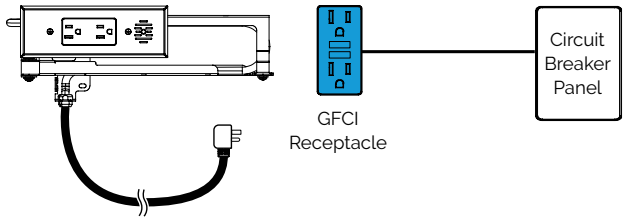
Electrical Installation Guide 4 Options to GFCI Protect the Outlet

Docking Drawer Blade Series outlets can have GFCI properties if plugged into a GFCI outlet or circuit. If the parent outlet trips, then it will cut power to the Blade outlet. Outlets are wired in a series, so there may be GFCI properties on your circuit already, commonly seen in newer bathrooms and kitchens. Or you can purchase one of the available Docking Drawer Blade Series configurations that offer built-in GFCI (1514-150 and 2012-150).

GFCI

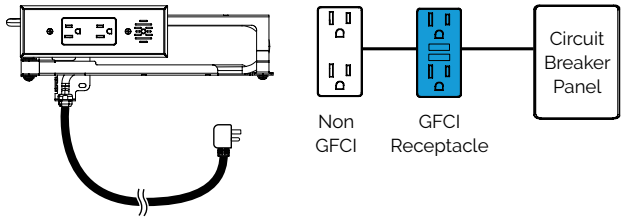
Option 1

Plug into a GFCI outlet



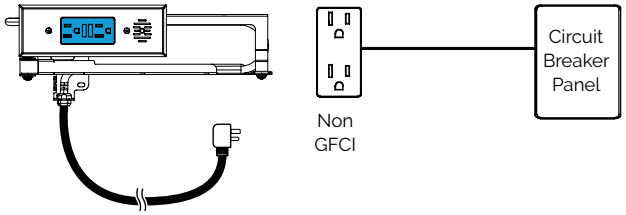
Option 2

Wired in a series with a GFCI outlet



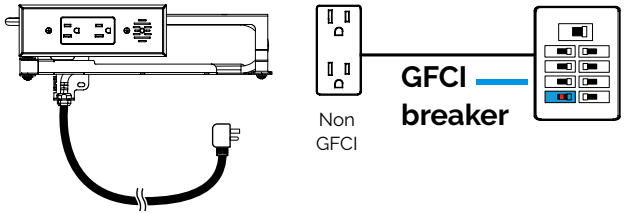
Option 3

Use a Blade Series with GFCI (1514-150)



Option 4

Plug into an outlet on a GFCI circuit



Pro Tip

If your in-cabinet outlet has GFCI, which most modern bathrooms and kitchens do, then you don't need a Docking Drawer with GFCI configuration.

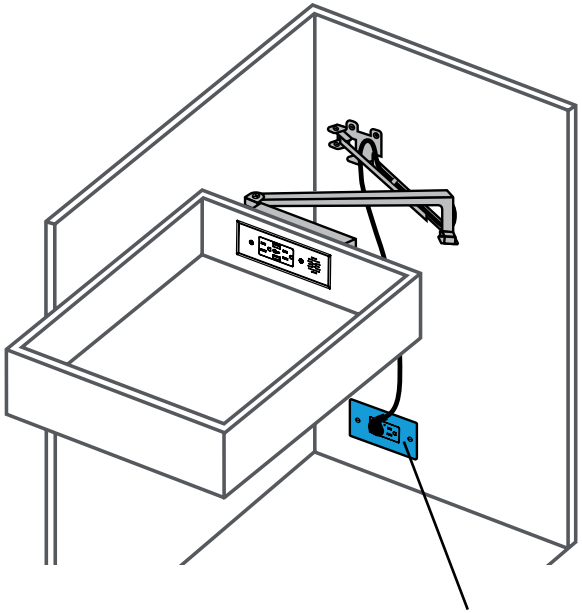
How to wire GFCI outlets in series: dockingdrawer.com/blogs/news/pro-specification-tip-gfci-outlets

Docking Drawer offers 2 configurations that feature GFCI outlets:
15 amp Blade In Drawer Outlet 1514-150

20 amp Blade In Drawer Outlet 2012-150

Surge protection properties can be added by plugging a Docking Drawer Blade Series outlet in-drawer outlet into an in-cabinet Leviton 5280-W surge-protective duplex receptacle outlet.

Surge Protection



LEVITON 5280-W outlet

Pro Tip

A surge protector is a device that protects your devices from power surges and current spikes. Whenever the voltage crosses 120, it switches the connection to ground voltage or blocks the excess current to the AC and USB ports.

Electrical Installation Guide Electrical Certificates

Docking Drawer provides all of the necessary resources to plan a Blade Series outlet installation. Simply click this link to download now.

Electrical Certificate

Download ETL and CSA Electrical Certificates to share with your electrician or inspector.

Pro Tip

Electrical Certificate is available for download at dockingdrawer.com/downloads

Safety Outlets Spec Book

Safety Outlets Overview

Safety Outlets Appliance Garage Applications

Docking Drawer Safety Outlets automatically control appliance garage power based on the position of the door or doors, powering appliances on for use and off for safety when closed. We offer highly configurable, code-compliant solutions that enhance the safety of appliance garage designs of every kind.

Don't see the safety outlet and switch combination you need? Call us at (530) 205-3625 to create the perfect solution for your project!

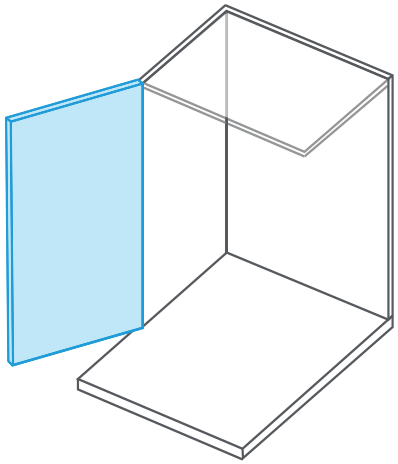
Appliance Garages

Whether your appliance garage features hinged, pocket, lift, or tambour doors, our Safety Outlets ensure code compliance and deliver a safer, smarter way to keep appliances connected and ready, all while maintaining clutter-free countertops. By working together, our Safety Outlets and Switches control power based on the door position, ensuring appliances are automatically powered off when the door is closed.

How to Choose Safety Outlets for Appliance Garages

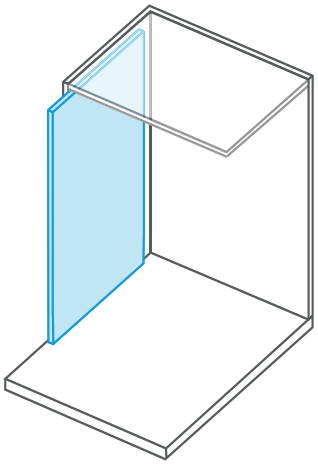
Step 1: Identify the Appliance Garage Door Type

1



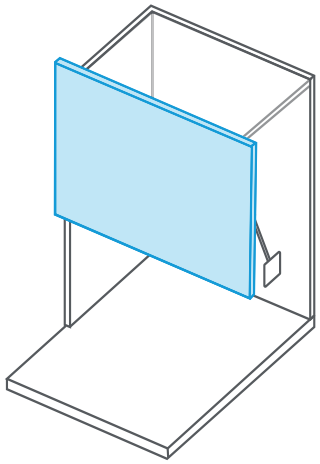
Hinged Door

2



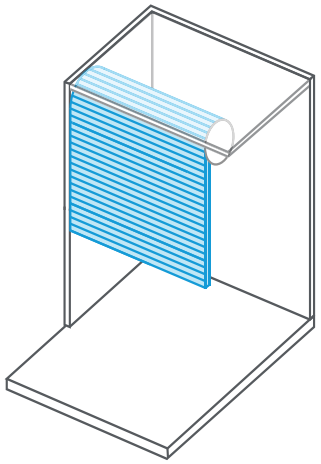
Pocket Door

3



Lift Door

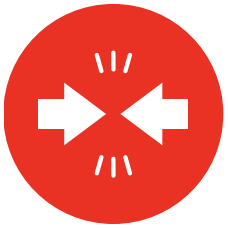
4



Tambour Door

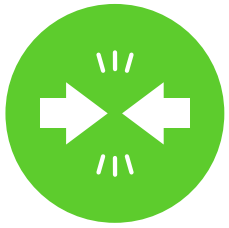
Step 2: Choose a Switch Activation State

When selecting a Safety Outlet, you must decide how you want the switch to control power. There are two options: **Normally Closed**, which turns off power when the switch is activated, or **Normally Open**, which turns power on when the switch is activated.



ACTIVATED SWITCH = POWER OFF (NC)

Normally Closed (NC)
Red LED Indicator = Power Off



ACTIVATED SWITCH = POWER ON (NO)

Normally Open (NO)
Green LED Indicator = Power On

Pro Tip

Does your appliance garage have multiple doors and require more than one switch? Or you may want a single switch to control multiple outlets.

Our Safety Outlets and Switches are flexible and fully configurable, making creating a solution tailored to your specific setup easy.

Contact our team of experts to help you safely and seamlessly manage power no matter how your appliance garage is designed.

Step 3: Select Magnetic Switch

The Magnetic Switch detects door position without any physical contact, using a magnet to control power through the Safety Outlet, discreetly and without wear.

Non-Contact
Magnetic Switch

- Minimal Aesthetic
- Small Footprint
- Installation Flexibility
- Long Lasting Durability

Pro Tip

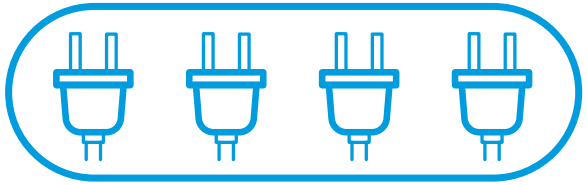
If a greater distance is required between the non-contact magnetic switch and the magnet, use the optional 1/2" magnet with up to 1" range, in place of the standard 1/8" magnet (up to 1/2" range) for increased installation flexibility.

Step 4: How Many Devices to Connect?

Docking Drawer Safety Outlets offer flexible options for powering connected devices. For single-device applications, the Safety Interlock Outlet is a streamlined choice, while the Safety Interlock Disconnect provides added versatility, allowing you to connect and control up to four devices.

Connect up to 4 Devices

Safety Interlock Disconnect



- Connect up to 4 appliances
- Rated for 15 or 20 amps
- Most flexible solution
- Most popular choice

Connect 1 Device

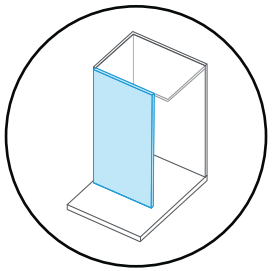
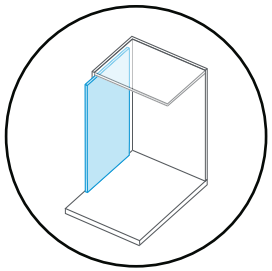
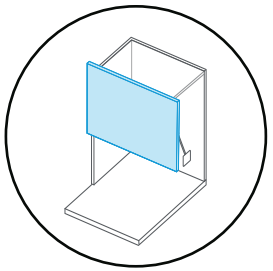
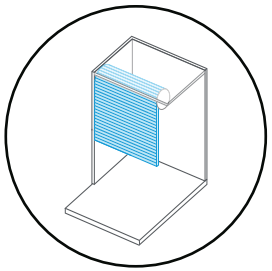
Safety Interlock Outlet

- Connect 1 single device
- All-in-one solution
- Straightforward installation
- For focused use cases

Pro Tip

Need to power more than 4 devices? Our Safety Outlet system is modular and customizable, so expanding your setup is easy. Additional components can be wired to power even more devices—just connect with our team of experts, and we'll help design the perfect solution for your project.

Most Popular Safety Outlets

	Hinged Door	Pocket Door	Lift Door	Tambour Door
Door Type				
Switch Activation	ACTIVATED SWITCH = POWER OFF (NC) 	ACTIVATED SWITCH = POWER ON (NO) 	ACTIVATED SWITCH = POWER OFF (NC) 	ACTIVATED SWITCH = POWER ON (NO) 
Number of Connected Devices				
Recommended Product	 **Safety Interlock Disconnect Kit with Magnetic Switch** **0290-6120W67**	 **Safety Interlock Disconnect Kit with Magnetic Switch** **0290-6120W67-NO**	 **Safety Interlock Disconnect Kit with Magnetic Switch** **0290-6120W67**	 **Safety Interlock Disconnect Kit with Magnetic Switch** **0290-6120W67-NO**

Switch Configuration Options Overview

Docking Drawer offers Safety Outlets for every appliance garage project. Mix and match safety outlets, switches, and switch states to work with every type of door and appliance garage layout. Need a unique combination? Call us at (530) 205-3625 so we can customize a solution for your unique project.

Add More Switches

Connect 2 or 3 switches to a single outlet for larger appliance garage or double-door applications.

Control More Outlets

Use one switch to simultaneously power on or off multiple outlets within the same cabinet or appliance garage.

Choose to Power On or Off

Choose switches that power off when activated or flip the logic to turn power on when the switch is activated.

Mix & Match Components

Configure switches and outlets however you like, our modular system makes it easy to build a setup that fits your space.

Have It Your Way

If you can imagine it, we can make it happen! Our Safety Outlet components are built to adapt to your design.

Get Started

Call our team of experts at (530) 205-3625 to start planning your project today!

Part Numbers Safety Outlets for Appliance Garages

Part Numbers Safety Outlets for Appliance Garages

ACTIVATED SWITCH = POWER OFF (NC)

Safety Interlock Disconnect Kit with Magnetic Switch
0290-6120B67

ACTIVATED SWITCH = POWER OFF (NC)

Safety Interlock Disconnect with Magnetic Switch
6120-2002B

ACTIVATED SWITCH = POWER OFF (NC)

15 amp Safety Interlock Outlet with Magnetic Switch
6015-2002B

ACTIVATED SWITCH = POWER OFF (NC)

20 amp Safety Interlock Outlet with Magnetic Switch
6020-2002B

ACTIVATED SWITCH = POWER ON (NO)

Safety Interlock Disconnect Kit with Magnetic Switch
0290-6120B67-NO

ACTIVATED SWITCH = POWER ON (NO)

Safety Interlock Disconnect with Magnetic Switch
6120-2002B-NO

ACTIVATED SWITCH = POWER ON (NO)

15 amp Safety Interlock Outlet with Magnetic Switch
6015-2002B-NO

ACTIVATED SWITCH = POWER ON (NO)

20 amp Safety Interlock Outlet with Magnetic Switch
6020-2002B-NO

Part Numbers Switches and Magnets for Appliance Garages

ACTIVATED SWITCH = POWER OFF (NC)

Magnetic Switch Normally Closed
0150-00160B-NC

ACTIVATED SWITCH = POWER ON (NO)

Magnetic Switch Normally Open
0150-00160B-NO

1/2" OF ACTIVATION RANGE

Replacement Magnet for Switch
ND035-45N-#6

1" OF ACTIVATION RANGE

Replacement Magnet for Switch
ND038-45NM-#6

Safety Outlets 15 amp Comparison Chart

	ACTIVATED SWITCH = POWER OFF (NC) **6120-2002B** 	ACTIVATED SWITCH = POWER OFF (NC) **6015-2002B** 	ACTIVATED SWITCH = POWER ON (NO) **6120-2002B-NO** 	ACTIVATED SWITCH = POWER ON (NO) **6015-2002B-NO** 
Type of Safety Outlet	Safety Interlock Disconnect	Safety Interlock Outlet	Safety Interlock Disconnect	Safety Interlock Outlet
Type of Switch	Magnetic Switch			
Application	Appliance Garages			
AC outlets	Can include up to 4 (not included)	1	Can include up to 4 (not included)	1
Amps	Applicable for 15 and 20 amp	15 amps	Applicable for 15 and 20 amp	15 amps
Requires Blade Series Outlet	No			
Receptacle Finish	White			
Switch Activation	Activated Switch = Power Off (NC)	Activated Switch = Power Off (NC)	Activated Switch = Power On (NO)	Activated Switch = Power On (NO)
Switch Finish	Black			
Receptacle Type	N/A	NEMA 5-15R	N/A	NEMA 5-15R
Switch Connector Included	Yes			
ETL Listed	Yes			
Warranty	2 Year			

Safety Outlets 20 amp Comparison Chart

	ACTIVATED SWITCH = POWER OFF (NC) **0290-6120B67** 	ACTIVATED SWITCH = POWER OFF (NC) **6120-2002B** 	ACTIVATED SWITCH = POWER OFF (NC) **6020-2002B** 	ACTIVATED SWITCH = POWER ON (NO) **0290-6120B67-NO** 	ACTIVATED SWITCH = POWER ON (NO) **6120-2002B-NO** 	ACTIVATED SWITCH = POWER ON (NO) **6020-2002B-NO** 
Type of Safety Outlet	Safety Interlock Disconnect	Safety Interlock Disconnect	Safety Interlock Outlet	Safety Interlock Disconnect	Safety Interlock Disconnect	Safety Interlock Outlet
Type of Switch	Magnetic Switch					
Application	Appliance Garages					
AC outlets	4	Can include up to 4 (not included)	1	4	Can include up to 4 (not included)	1
Amps	20 amps	Applicable for 15 and 20 amp	20 amps	20 amps	Applicable for 15 and 20 amp	20 amps
Requires Blade Series Outlet	No					
Receptacle Finish	White					
Switch Activation	Activated Switch = Power Off (NC)	Activated Switch = Power Off (NC)	Activated Switch = Power Off (NC)	Activated Switch = Power On (NO)	Activated Switch = Power On (NO)	Activated Switch = Power On (NO)
Switch Finish	Black					
Receptacle Type	N/A	N/A	NEMA 5-20R	N/A	N/A	NEMA 5-20R
Switch Connector Included	Yes					
ETL Listed	Yes					
Warranty	2 Year					

Installation of Safety Outlets for Appliance Garages

Locating the Safety Disconnect

When designing an appliance garage, one of the most common questions is where to locate the Safety Disconnect in relation to the AC receptacle. The good news is that placement is flexible—you can position it in a nearby, accessible cabinet rather than inside the garage itself, and simply run wiring to the outlets within. The key is to ensure the Safety Disconnect remains accessible, pair it only with properly Listed outlets (including options like Prado Discreet), and limit each disconnect to no more than two outlets.

Triple Gang Junction Box

Option 1: Simple to Install

The Safety Disconnect can easily install in a triple-gang junction box with two AC outlets.

Below the Countertop

Option 2: Concealed

For a more concealed setup, the Safety Disconnect can be installed in a cabinet below while placing the outlets above for a clean, seamless look.

Pro Tip

For appliance garages with a single, floor-to-ceiling door that reveals multiple appliances, our system can be configured so that one switch safely controls power to more than one circuit.

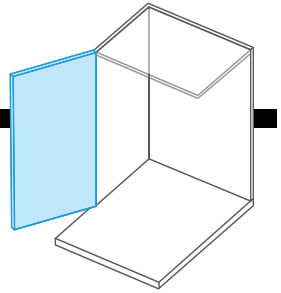
Download More Resources

Installation Manuals
Electrical Listings
Project Planning Cards

Products Used in this Solution

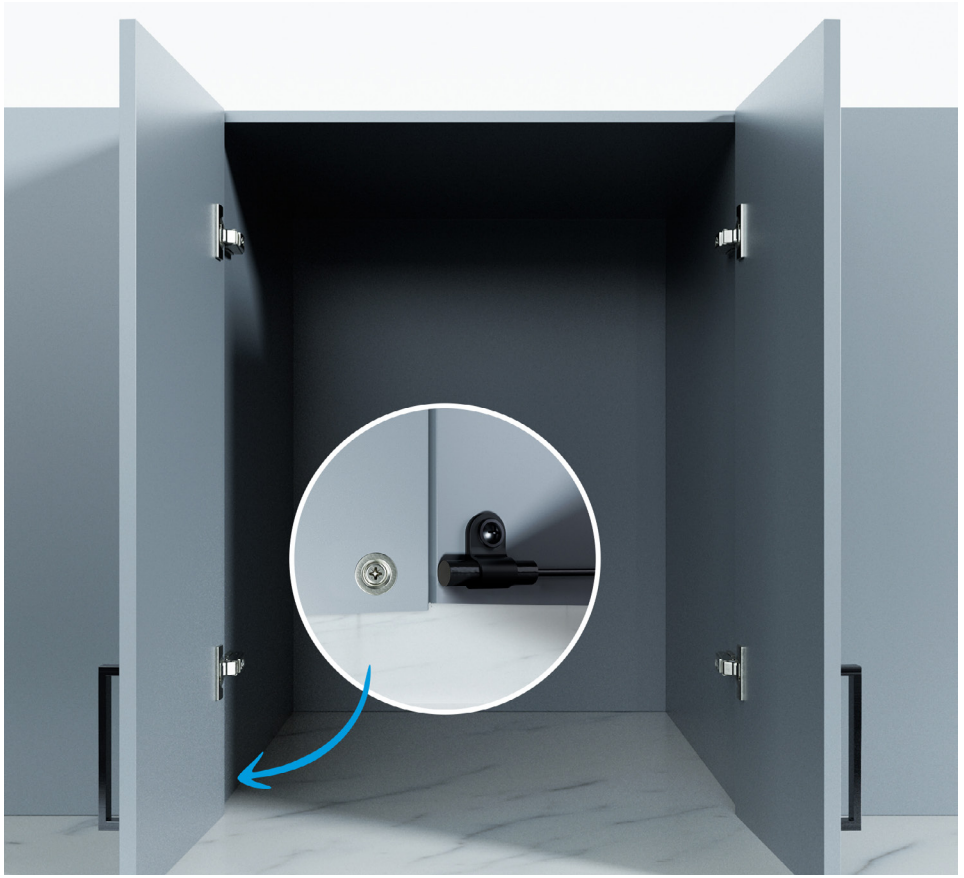
Safety Interlock Disconnect Kit with Magnetic Switch - 0290-6120B67

Locating the Switch for Hinged Door Types



For the cleanest look and simplest installation, we recommend placing the magnetic switch in the lower corner of the appliance garage—left or right—keeping the setup discreet and consistent. For hinged doors, the switch is most commonly mounted behind the hinged side.

Magnetic Switch Location



Pro Tip

For two-door designs, one switch is installed behind each door so that power only turns on when both doors are open.

The magnet may be surface-mounted with the included screw or recessed into the door for a minimal finish.

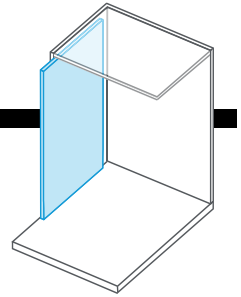
Download More Resources

Installation Manuals
Electrical Listings
Project Planning Cards

Products Used in this Solution

Safety Interlock Disconnect Kit with Magnetic Switch - 0290-6120B67

Locating the Switch for Pocket Door Types



For the cleanest look and simplest installation, we recommend placing the magnetic switch in the lower corner of the appliance garage—left or right—keeping the setup discreet and consistent. For pocket doors, the switch is most commonly mounted in the back of the cabinet behind the pocket door.

Magnetic Switch Location

Pro Tip

For two-door designs, one switch is installed behind each door so that power only turns on when both doors are open.

The magnet may be recessed into the door with the included screw for a minimal finish.

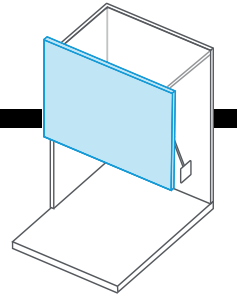
Download More Resources

Installation Manuals
Electrical Listings
Project Planning Cards

Products Used in this Solution

Safety Interlock Disconnect Kit with Magnetic Switch - 0290-6120B67-NO

Locating the Switch for Lift Door Types



For the cleanest look and simplest installation, we recommend placing the magnetic switch in the lower corner of the appliance garage—left or right—keeping the setup discreet and consistent.

Magnetic Switch Location

Pro Tip

For two-door designs, one switch is installed behind each door so that power only turns on when both doors are open.

The magnet may be surface-mounted with the included screw or recessed into the door for a minimal finish.

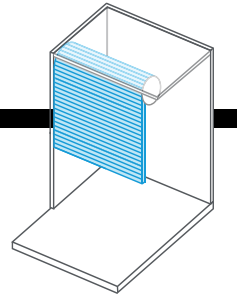
Download More Resources

Installation Manuals
Electrical Listings
Project Planning Cards

Products Used in this Solution

Safety Interlock Disconnect Kit with Magnetic Switch - 0290-6120B67

Locating the Switch for Tambour Door Types



For the cleanest look and simplest installation, place the magnetic switch and mounting bracket so they align when the tambour door is fully open.

Magnetic Switch Location

Pro Tip

The included mounting bracket is to be installed on the inside if the tambour door frame, while the magnet is the be installed on the bottom of the tambour door. This mounting bracket makes it easy to ensure the switch and magnet can be placed within ½" (up to 1" with larger magnets) when the door is fully open.

Products Used in this Solution

Safety Interlock Disconnect Kit with Magnetic Switch - 0290-6120B67-NO

Magnetic Switch Mounting Bracket (0024-38010)

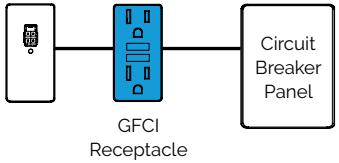
Add GFCI Properties for Appliance Garages

Docking Drawer Safety Outlets can have GFCI properties if wired in series with a GFCI outlet or wired on a GFCI-protected circuit.

Safety Interlock Disconnect with Magnetic Switch

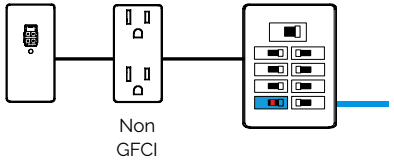
Option 1

Wired in a series with a GFCI outlet



Option 2

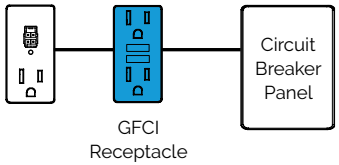
Wire into a GFCI-protected circuit



Safety Interlock Outlet with Magnetic Switch

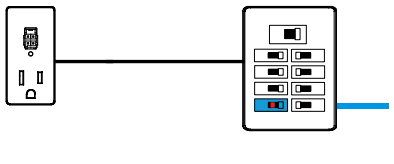
Option 1

Wired in a series with a GFCI outlet



Option 2

Wire into a GFCI-protected circuit



Products Used in this Solution

Safety Interlock Disconnect with Magnetic Switch - 6120-2002B

Safety Interlock Outlet with Magnetic Switch - 6015-2002B

Wiring Diagrams for Appliance Garages

Safety Outlet Series Configuration Options 1 Switch to Multiple Outlets

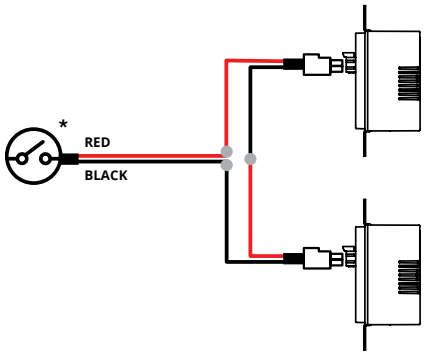
Docking Drawer Safety Outlet solutions are designed for modular flexibility, allowing a single switch to control power to one or more Safety Outlets simultaneously. Depending on your configuration, the low voltage cable may need to be spliced to shorten, extend, or connect multiple switches or Safety Outlets. To splice, cut the cable at the desired point, solder the conductors together, and secure each joint with heat shrink tubing. Review the wiring diagrams below to plan your multi-outlet project and ensure a seamless, code-compliant installation.

● = Splice Point

1 Switch *

+

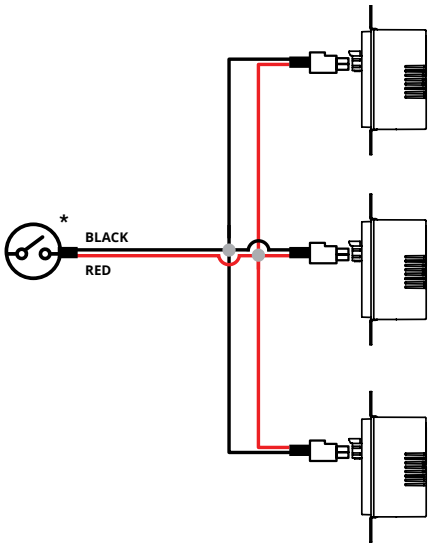
2 Safety Outlets



1 Switch *

+

3 Safety Outlets



1 Switch *

+

4 Safety Outlets

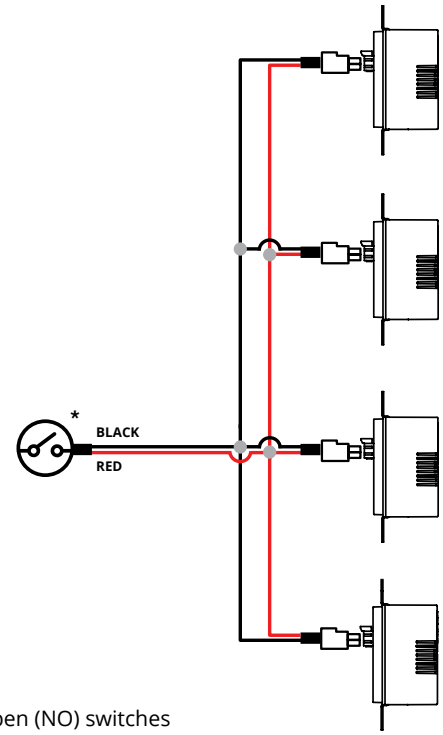


*Diagram is applicable to both Normally Closed (NC) and Normally Open (NO) switches

Most Popular Part Numbers:

Safety Disconnect with Magnetic Switch: 6120-2002B **or** 6120-2002B-NO

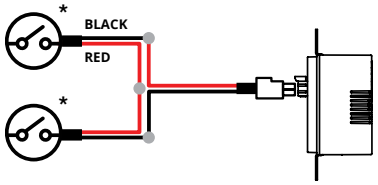
Don't see the solution you need? Call our team of experts at (530) 205-3625 to plan your project.

Safety Outlet Series Configuration Options 2 Switches to Multiple Outlets

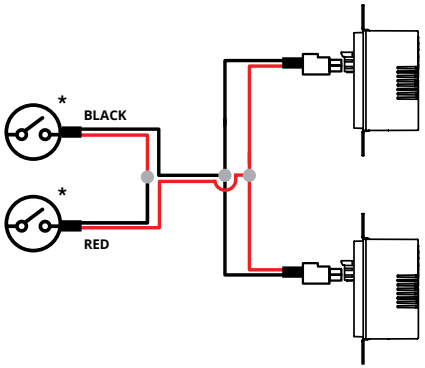
Docking Drawer Safety Outlet solutions are designed for modular flexibility, allowing multiple switches to control power to one or more safety outlets simultaneously. In this configuration, the switches operate in a series where all connected switches must be triggered for power to be delivered to the outlets. Review the wiring diagrams below to plan your multi-switch project and ensure a seamless, code-compliant installation.

● = Splice Point

2 Switches* + **1 Safety Outlet**



2 Switches* + **2 Safety Outlets**



2 Switches* + **3 Safety Outlets**

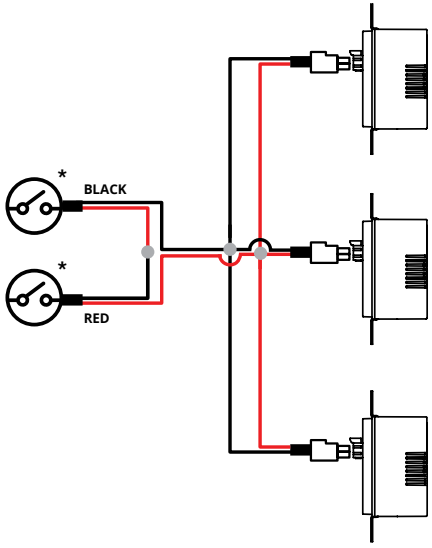


*Diagram is applicable to both Normally Closed (NC) and Normally Open (NO) switches

Most Popular Part Numbers:

Safety Disconnect with Magnetic Switch:
6120-2002B **or**
6120-2002B-NO

Additional Magnetic Switch:
0150-00160B-NC **or**
0150-00160B-NO

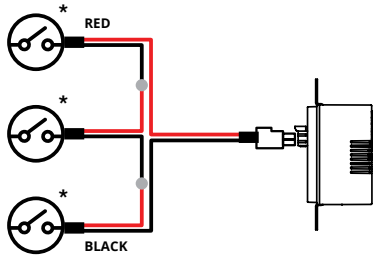
Don't see the solution you need? Call our team of experts at (530) 205-3625 to plan your project.

Safety Outlet Series Configuration Options 3 Switches to Multiple Outlets

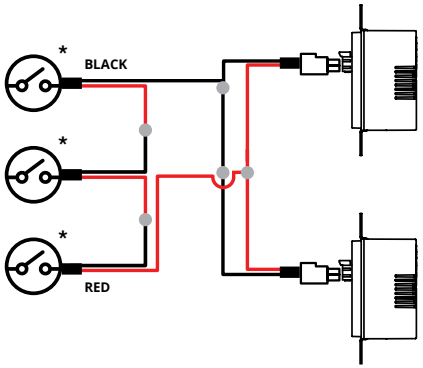
Docking Drawer Safety Outlet solutions are designed for modular flexibility, allowing multiple switches to control power to one or more safety outlets simultaneously. In this configuration, the switches operate in a series where all connected switches must be triggered for power to be delivered to the outlets. Review the wiring diagrams below to plan your multi-switch project and ensure a seamless, code-compliant installation.

● = Splice Point

3 Switches* + **1 Safety Outlet**



3 Switches* + **2 Safety Outlets**



3 Switches* + **3 Safety Outlets**

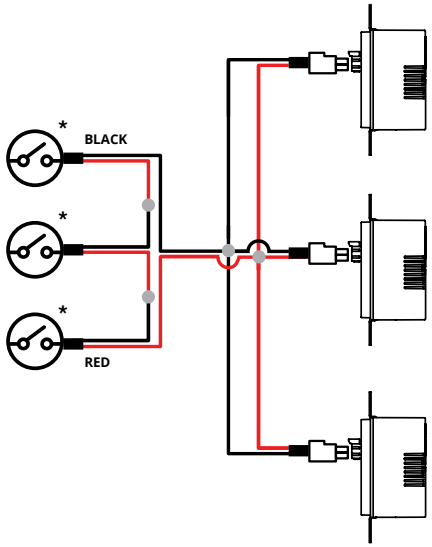


*Diagram is applicable to both Normally Closed (NC) and Normally Open (NO) switches

Most Popular Part Numbers:

Safety Disconnect with Magnetic Switch:
6120-2002B **or**
6120-2002B-NO

Additional Magnetic Switch:
0150-00160B-NC **or**
0150-00160B-NO

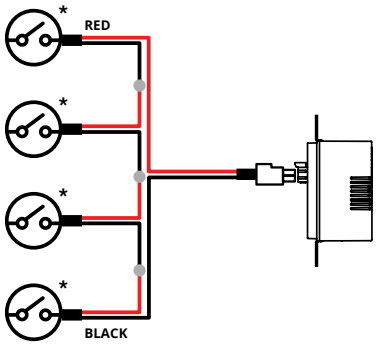
Don't see the solution you need? Call our team of experts at (530) 205-3625 to plan your project.

Safety Outlet Series Configuration Options 4 Switches to Multiple Outlets

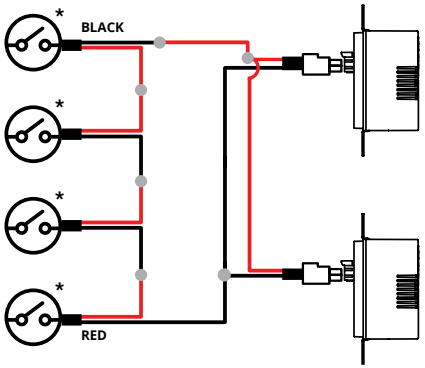
Docking Drawer Safety Outlet solutions are designed for modular flexibility, allowing multiple switches to control power to one or more safety outlets simultaneously. In this configuration, the switches operate in a series where all connected switches must be triggered for power to be delivered to the outlets. Review the wiring diagrams below to plan your multi-switch project and ensure a seamless, code-compliant installation.

● = Splice Point

4 Switches* + **1 Safety Outlet**



4 Switches* + **2 Safety Outlets**



4 Switches* + **3 Safety Outlets**

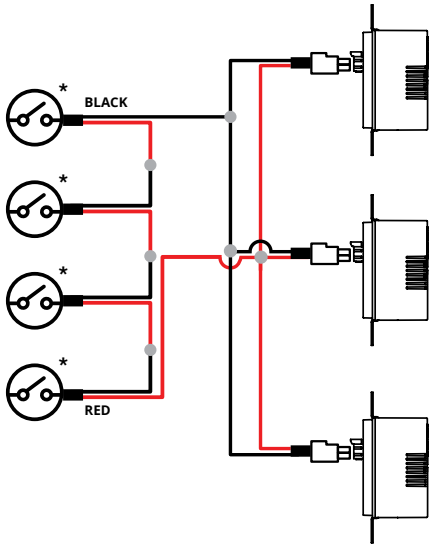


*Diagram is applicable to both Normally Closed (NC) and Normally Open (NO) switches

Most Popular Part Numbers:

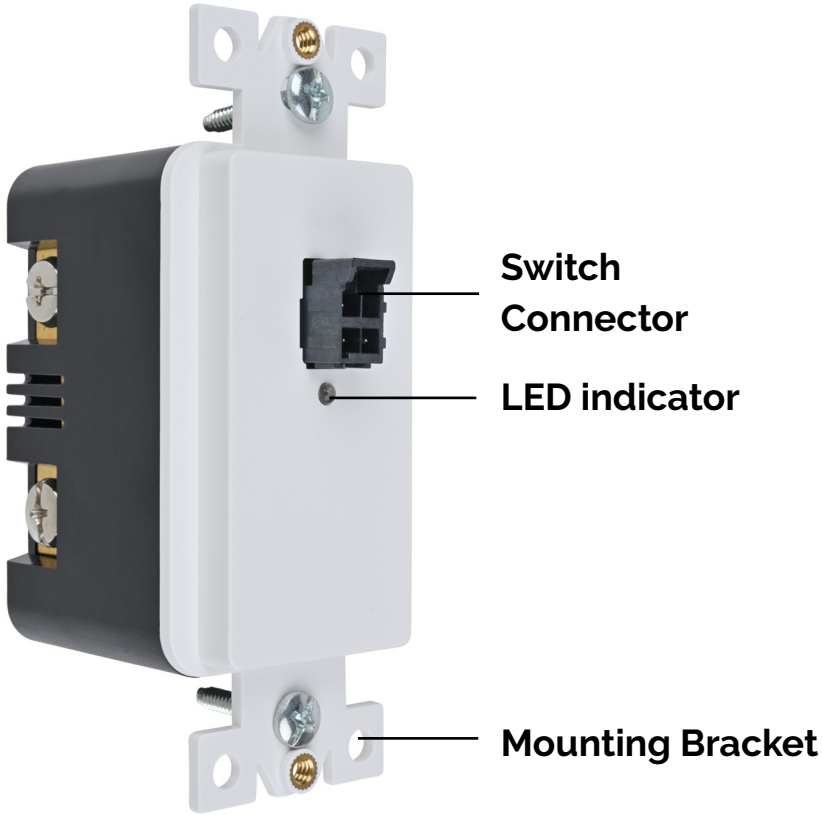
Safety Disconnect with Magnetic Switch:
6120-2002B **or**
6120-2002B-NO

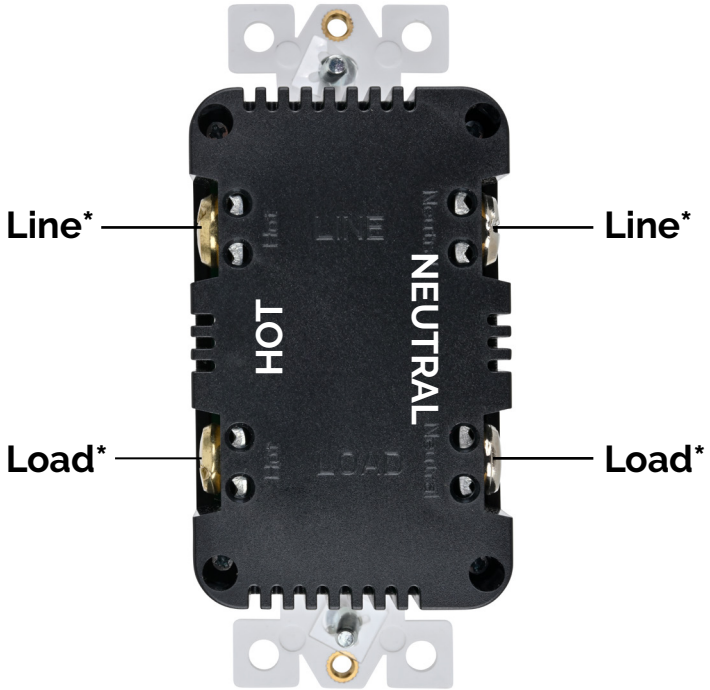
Additional Magnetic Switch:
0150-00160B-NC **or**
0150-00160B-NO

Don't see the solution you need? Call our team of experts at (530) 205-3625 to plan your project.

Appendix

Safety Interlock Disconnect Anatomy





*No Ground Connection

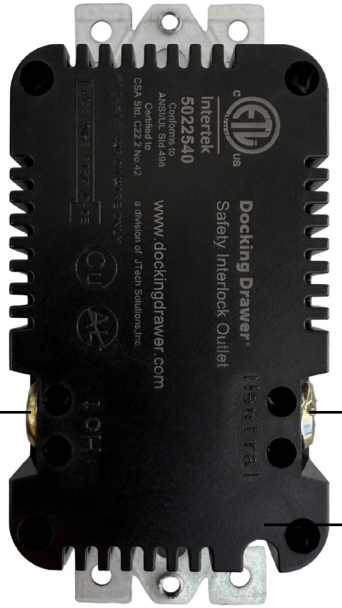
Safety Interlock Outlet Anatomy

Switch Connector

LED indicator

NEMA 5-15 receptacle
**20 amp configuration available with NEMA 5-20 receptacle*

Mounting Bracket



Hot (Line)

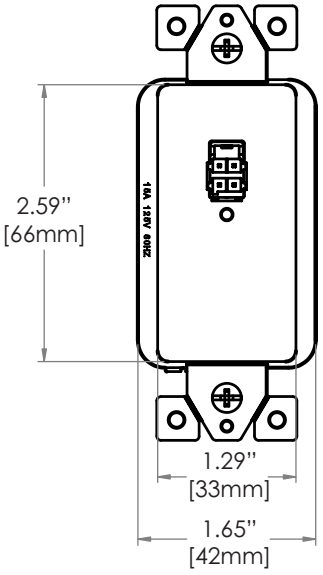
Neutral

Ground

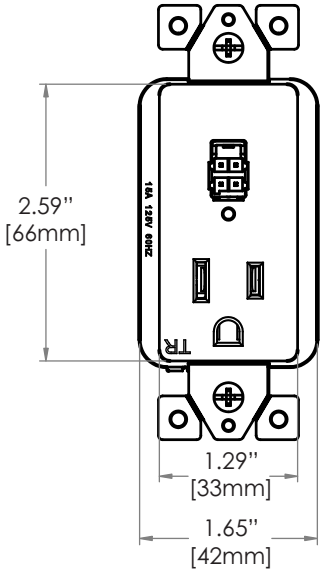
Safety Interlock Disconnect and Safety Interlock Outlet Dimensions

Outlet Width	1.65” (42mm)
Outlet Height	2.59” (66mm)

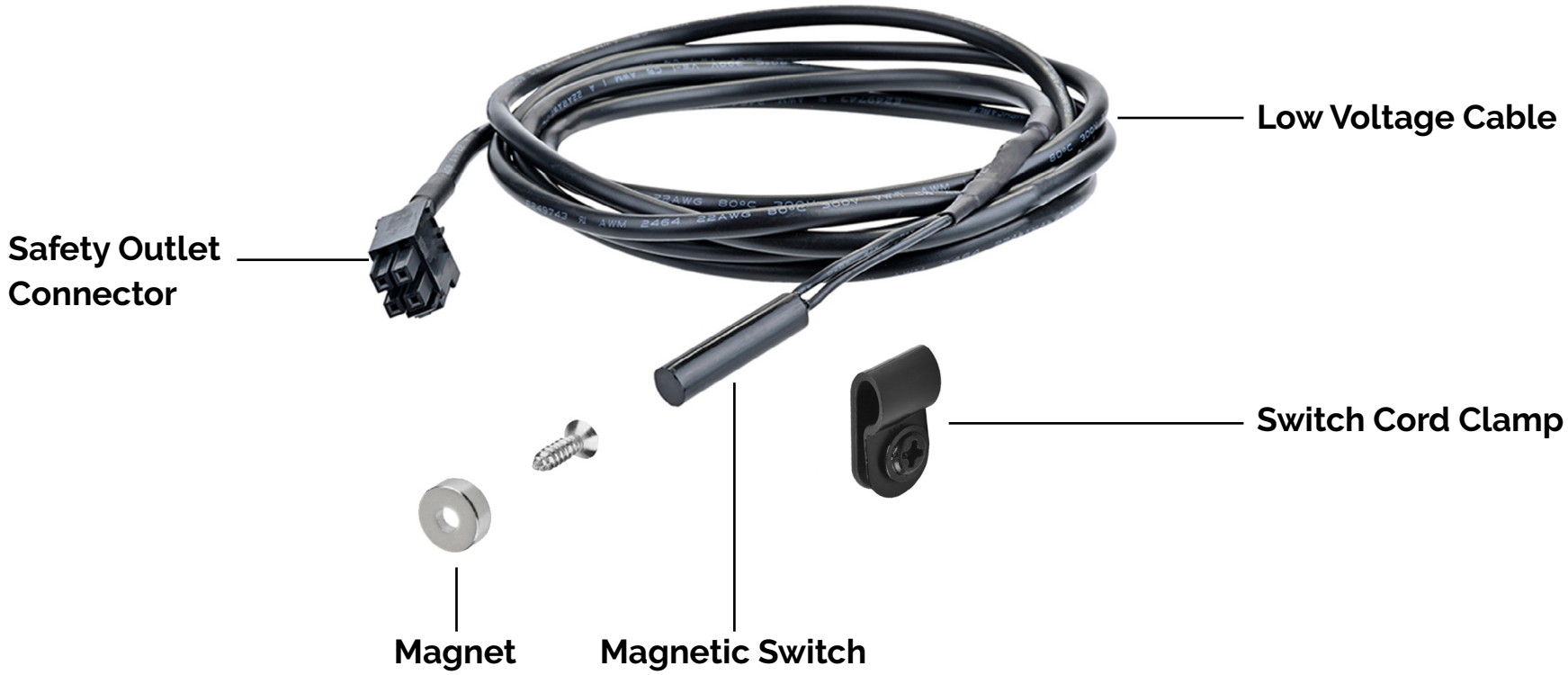
Disconnect



Outlet



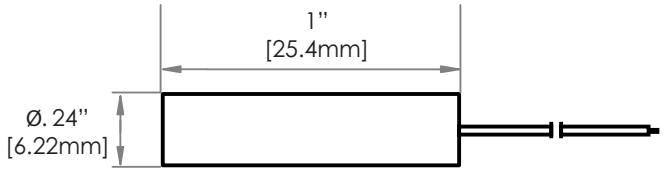
Magnetic Switch Switch Anatomy



Magnetic Switch Dimensions

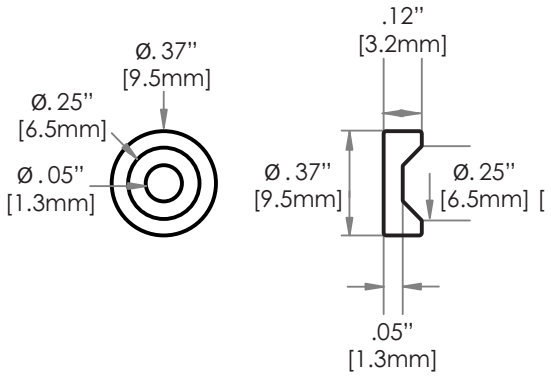
Type of Switch	Magnetic Switch
Switch Cable	6 ft 24 VDC low voltage cable* **10', 15', and 20' lengths are also available*
Switch Length	1" (25.4 mm)
Switch Diameter	0.24" (6.22 mm)

Magnetic Switch



Type of Product	Magnet
Magnet Width	0.12" (3.2mm)
Magnet Diameter	0.37" (9.5mm)

Magnet



Capped Canisters Spec Book

ELEVATE ANY DRAWER

Docking Drawer Capped Canisters

Docking Drawer Capped Canisters transform vanity drawers into organized, intentional spaces. They're crafted from seamless, heat-resistant stainless steel that won't rust or wear, and are available in four mix-and-match sizes to safely stow styling devices of every kind. With a versatile design, installation is effortless—use with or without the cap, and choose whether to use the included silicone canister band for extra stability and a rattle-free fit, even in angled installations. Pair your canisters with a Docking Drawer Blade in-drawer outlet for the ultimate in-drawer styling station.

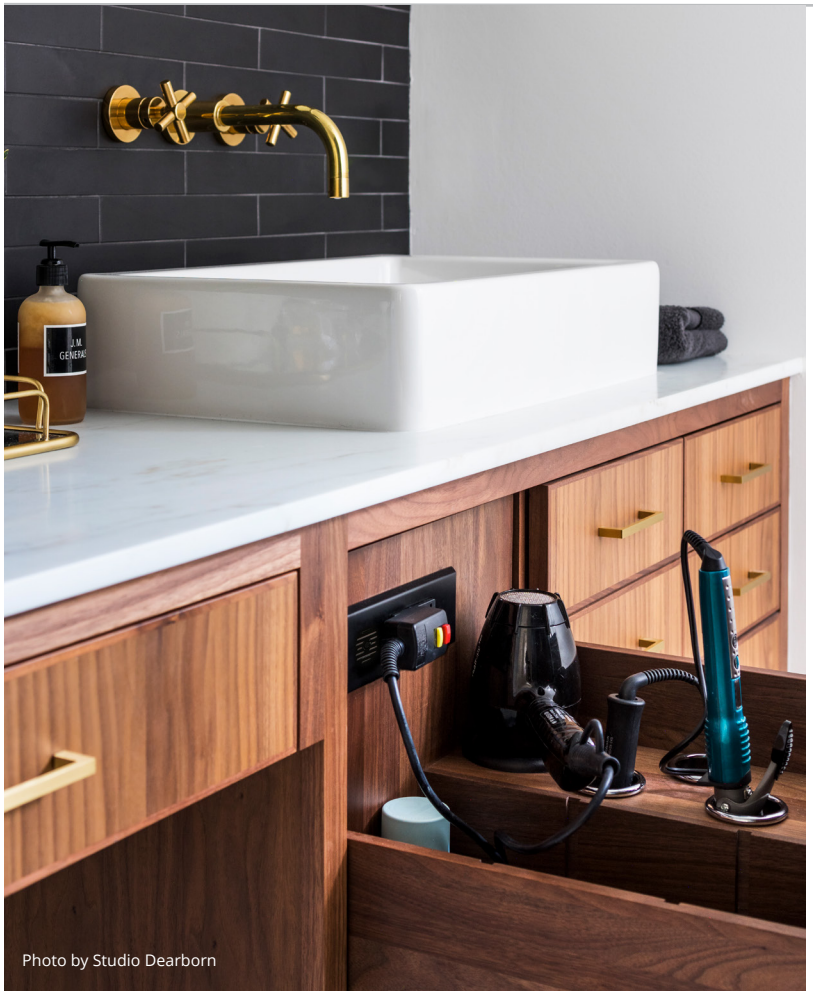


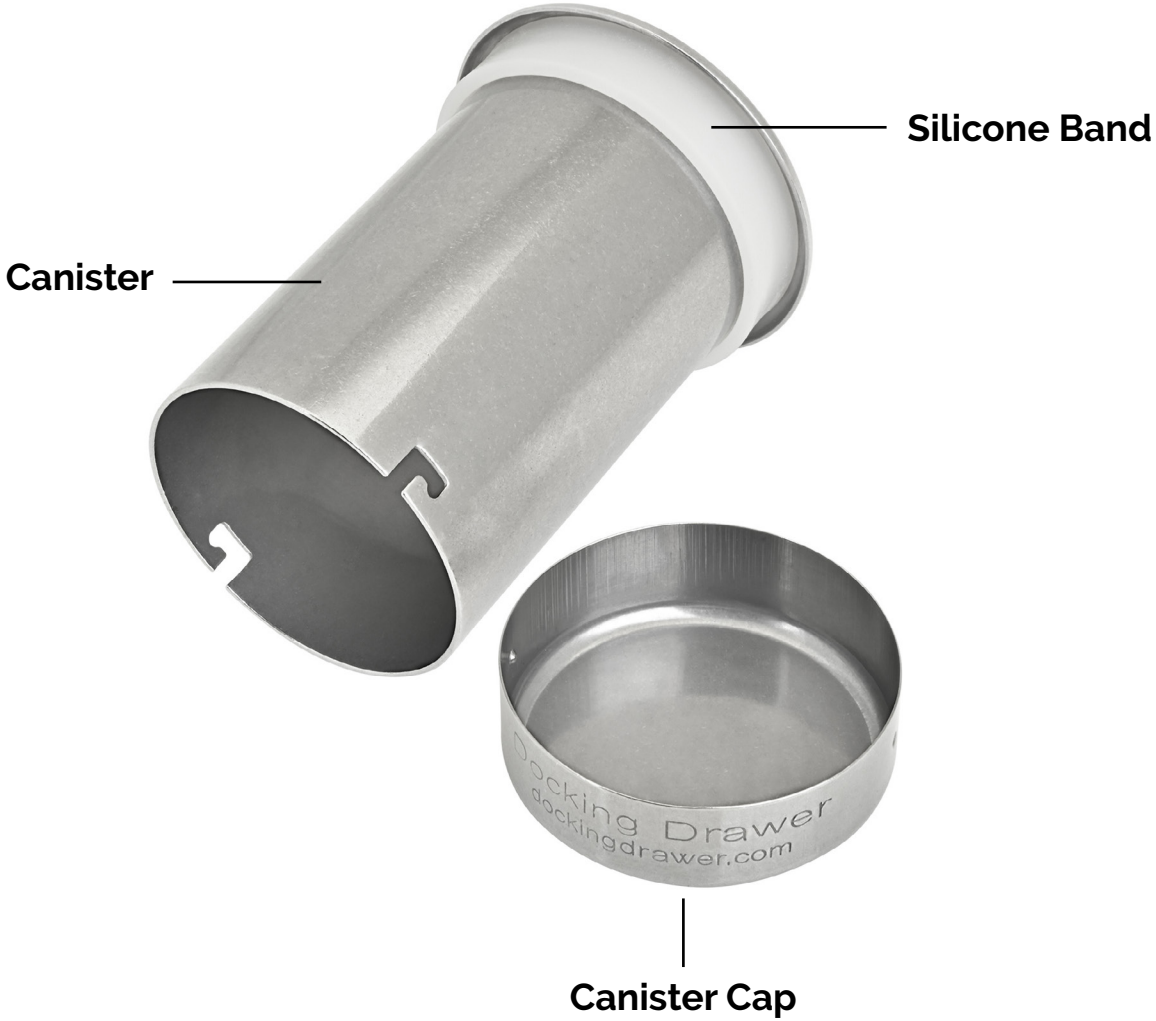
Photo by Studio Dearborn

Photo by Studio Dearborn

Pro Tip

Download DXF and STEP files to import into your project planning software at dockingdrawer.com/downloads.

Meet the Capped Canisters Canister Anatomy



Docking Drawer Capped Canisters How to Choose

Docking Drawer Capped Canisters offer a safe, seamless way to organize hot styling tools inside vanity drawers. With four size options designed to fit everything from blow dryers to curling wands, these stainless steel canisters pair perfectly with our in-drawer outlets to create a clutter-free, elevated styling station. Use the guide below to choose the right fit for your tools.

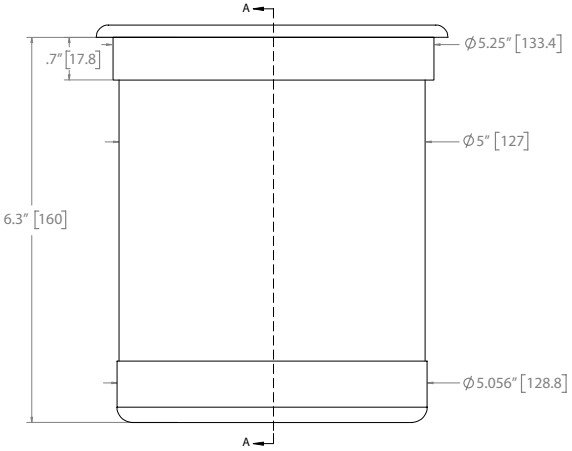
Comparison Chart

	0024-00505	0024-00504	BEST SELLER 0024-00503	0024-00502
				
Width (without cap)	5"	4”	3"	2"
Width (including lip)	5.75”	4.65”	3.65”	2.65”
Finish	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Bottom Type	Capped	Capped	Capped	Capped
Height to Lip	6.5"	5”	5"	5"
Seamless	Yes	Yes	Yes	Yes
Recommended Use	Ideal for larger tools like Dyson® blow dryers and brush dryers.	Ideal for medium-sized styling tools such as flat irons, larger curling irons, and hot brushes.	Ideal for storing hair brushes, shavers, and thicker-barrel curling irons.	Ideal for more narrow curling irons and hair wands.

Part Numbers for Docking Drawer Capped Canisters

Download Tear Sheets to share project details with your team

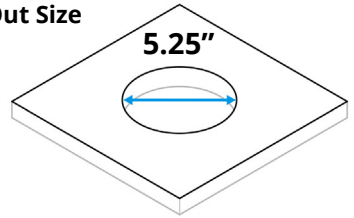
5" Canister
0024-00505



Capped Bottom with Band

Canister Width **5.25"** (133.4mm)

Cut Out Size

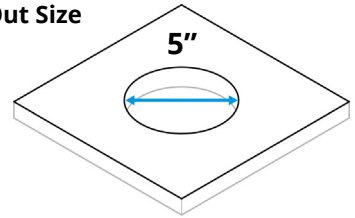


Recommended 5.25" Hole Saw **Milwaukee Hole Dozer** 49-56-9653

Open Bottom without Band

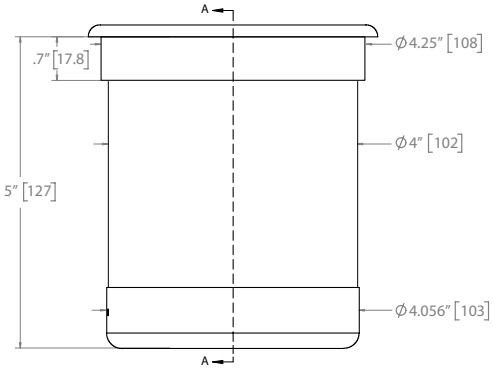
Canister Width **5"** (127mm)

Cut Out Size



Recommended 5" Hole Saw **Milwaukee Hole Dozer** 49-56-0243

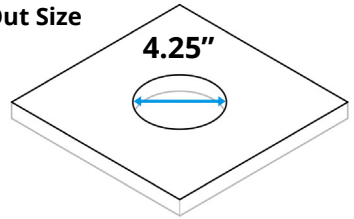
4" Canister
0024-00504



Capped Bottom with Band

Canister Width **4.25"** (108mm)

Cut Out Size

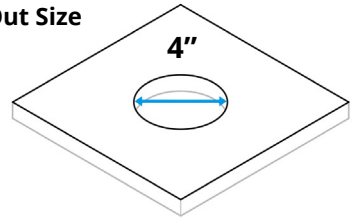


Recommended 4.25" Hole Saw **Milwaukee Hole Dozer** 49-56-0223

Open Bottom without Band

Canister Width **4"** (102hmm)

Cut Out Size



Recommended 4" Hole Saw **Milwaukee Hole Dozer** 49-56-0213

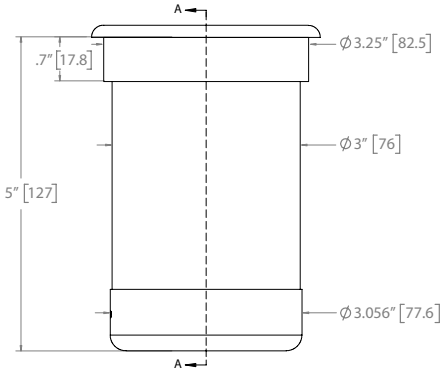
Part Numbers for Docking Drawer Capped Canisters

Download Tear Sheets to share project details with your team

BEST SELLER

3" Canister

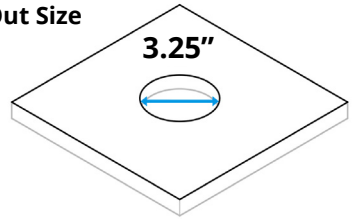
0024-00503



Capped Bottom with Band

Canister Width **3.25"** (82.5mm)

Cut Out Size

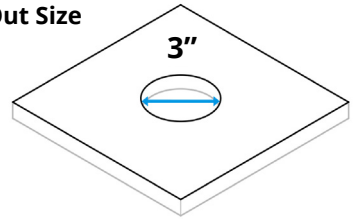


Recommended 3.25" Hole Saw **Milwaukee Hole Dozer** 49-56-9639

Open Bottom without Band

Canister Width **3"** (76mm)

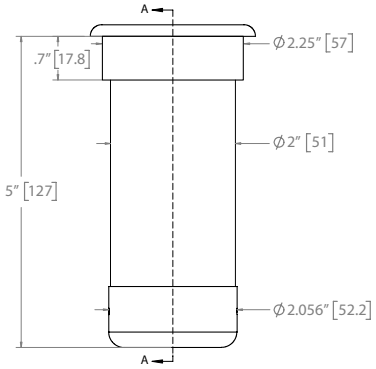
Cut Out Size



Recommended 3" Hole Saw **Milwaukee Hole Dozer** 49-56-0173

2" Canister

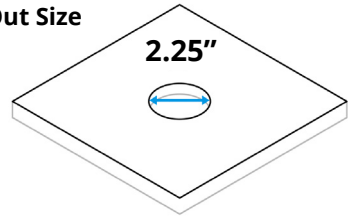
0024-00502



Capped Bottom with Band

Canister Width **2.25"** (57mm)

Cut Out Size

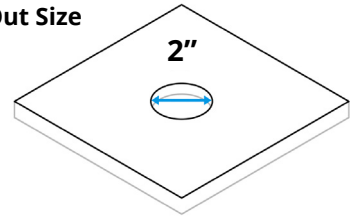


Recommended 2.25" Hole Saw **Milwaukee Hole Dozer** 49-56-0724

Open Bottom without Band

Canister Width **2"** (51mm)

Cut Out Size



Recommended 2" Hole Saw **Milwaukee Hole Dozer** 49-56-0117

Ready to Order?

Buy directly from dockingdrawer.com or call your hardware/electrical distributor.

We're Here to Help

sales@dockingdrawer.com

Email us here for help with your sales questions, help with selecting the right outlet or to request any catalogs.

orders@dockingdrawer.com

Email us here with your purchase orders.

support@dockingdrawer.com

Email us here for help with your technical and project planning questions or with any other specification questions.

Docking Drawer®