Docking Drawer®

SPEC BOOKS

Revision 8

# 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!

Start here

Planning Guide for Blade Series Outlets
START PLANNING YOUR DOCKING DRAWER PROJECT HERE

Installation Spec Book for Blade Series Outlets
SHARE WITH INDUSTRY PROFESSIONALS
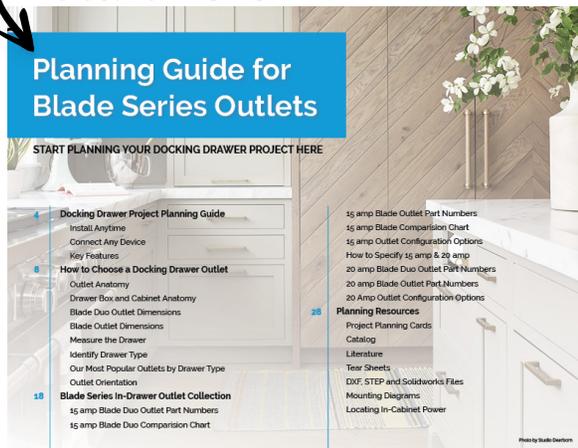
The first section, our Blade Series project Planning Guide, introduces our market-leading in-drawer outlets and highlights key product features. Find our most popular outlets for various applications and gain a better understanding of which products will be best for your projects.
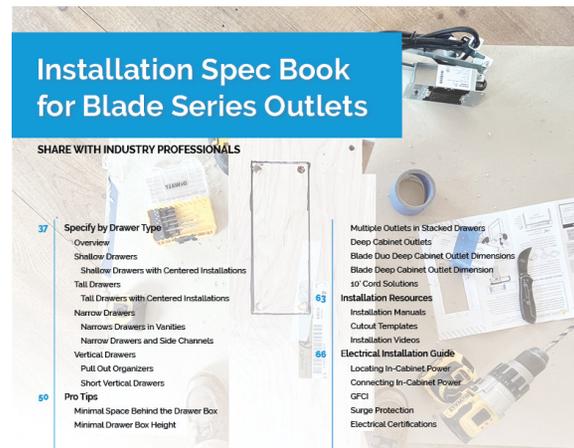
The second section, our Blade Series Installation Guide, features key information for the installation of our in-drawer outlets, such as how to install by drawer type, pro installation tips, electrical planning guides and more details to bookmark or share with your installer.

Spec books for other Docking Drawer products will follow, featuring sections on Preconfigured Powered Drawers, Safety Interlock Products and Steel 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.

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

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.

Power Up Your Showroom

Easily display Docking Drawer Blade Series outlets in any showroom in minutes with a non-functioning mockup outlet kit.
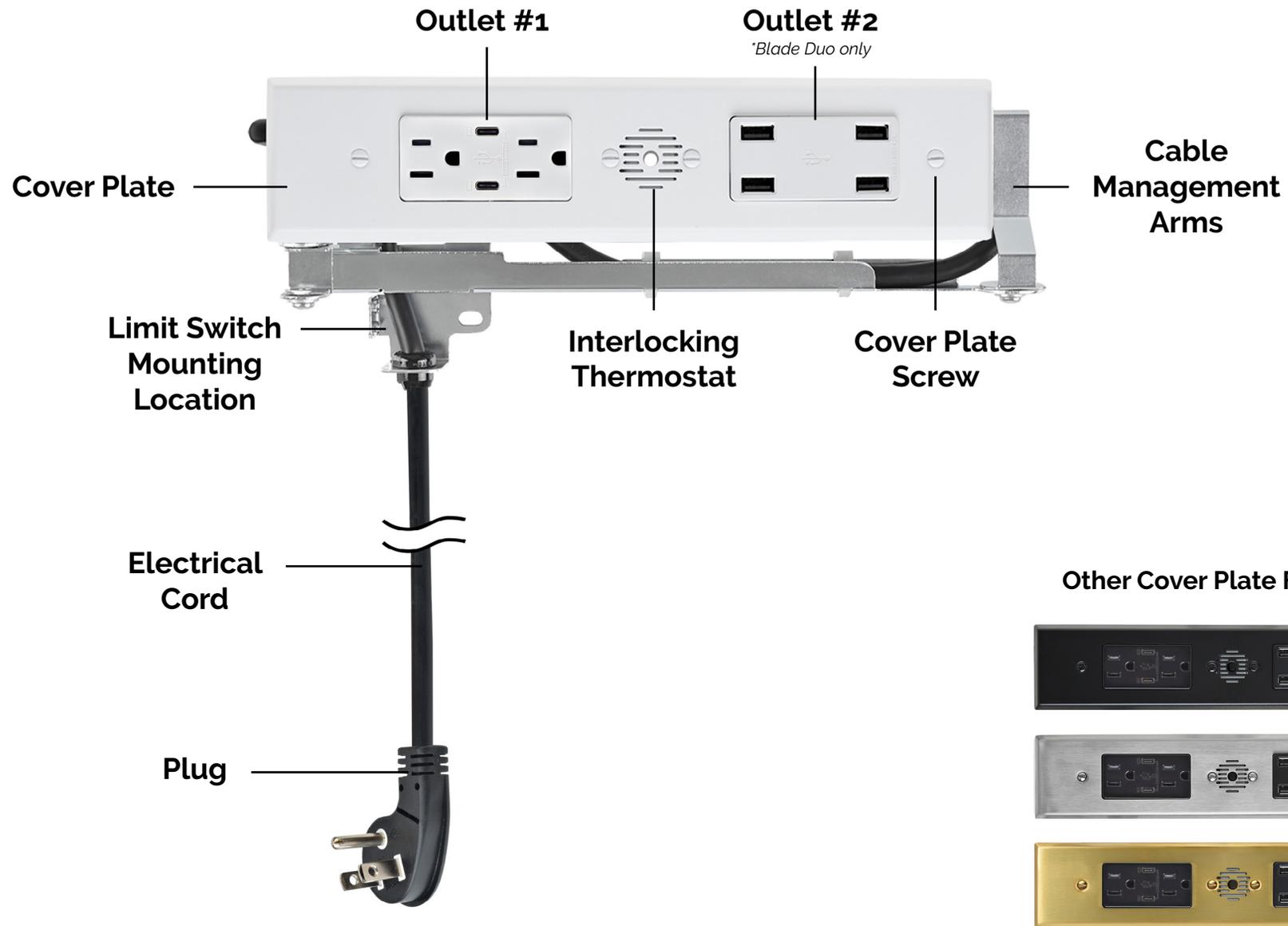
Connect any Device Clear Device Clutter from your Life

...and more! The possibilities are endless.
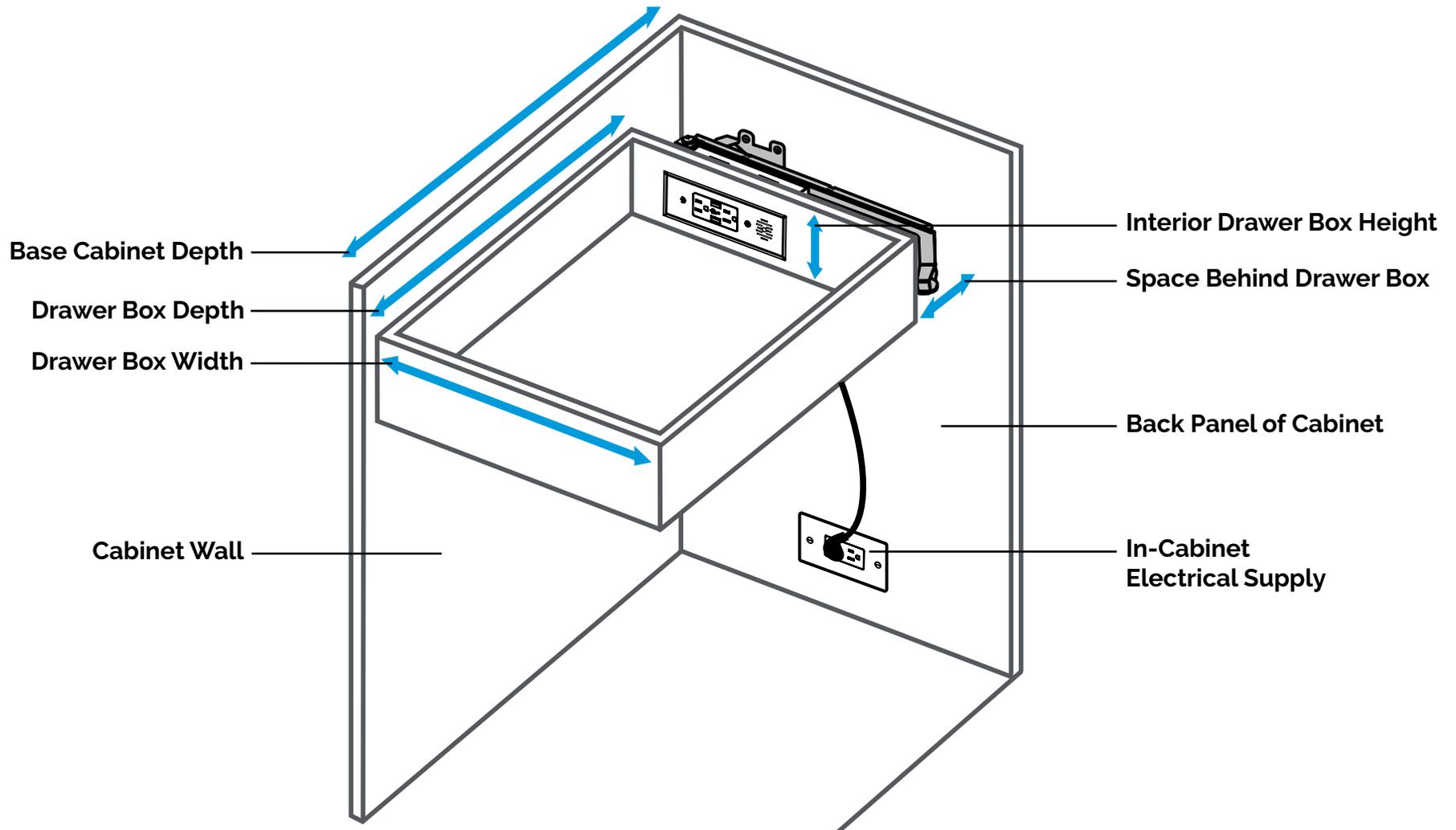
Blade Series Features

Electrical Certification	<u>ETL Listed</u> for use in the US and Canada. Outlets 1514-222 & 1514-120 (are certified for use in Canada). All other Blade Series outlets are ETL Listed for use in Canada when installed with an Interlock Outlet* that de-energizes the outlet when the drawer starts to close *(sold separately)*
Interlocking Safety Features	The Interlock Thermostat de-energizes the outlet when the temperature exceeds 120°F (49°C). 15 amp Safety Interlock Outlet with Blade Limit Switch* uses a limit switch to de-energize the outlet when the drawer starts to close. *(sold separately)*
Electrical Connection	4 1/2' 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 cable jacket and cable strain reliefs prevent tension and wear
Outlet Features	Featuring a variety of configurations including AC, USB-A and USB-C 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
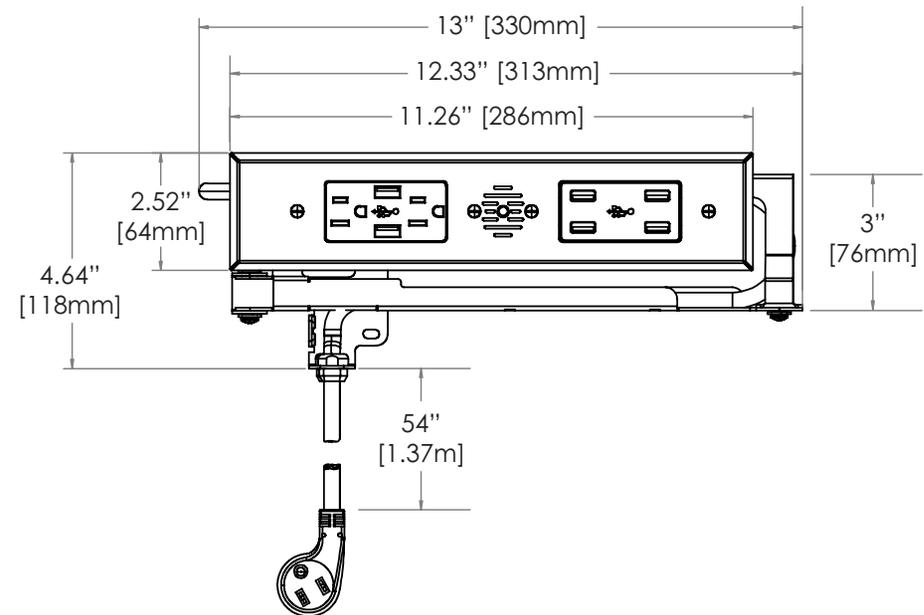
Meet the Docking Drawer Blade Outlet Anatomy

Outlet #1

Outlet #2
Blade Duo only

Cover Plate

Cable Management Arms

Limit Switch Mounting Location

Interlocking Thermostat

Cover Plate Screw

Electrical Cord

Plug

Other Cover Plate Finishes

Your Cabinet Key Components to Understand

Base Cabinet Depth

Drawer Box Depth

Drawer Box Width

Cabinet Wall

Interior Drawer Box Height

Space Behind Drawer Box

Back Panel of Cabinet

In-Cabinet
Electrical Supply

Docking Drawer Blade Duo Outlet Dimensions

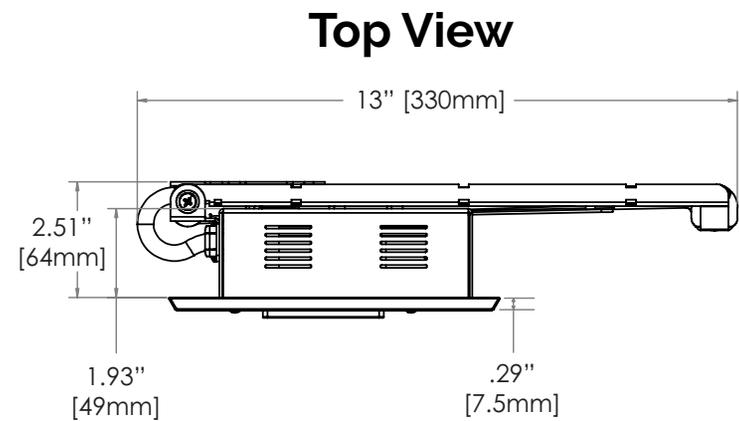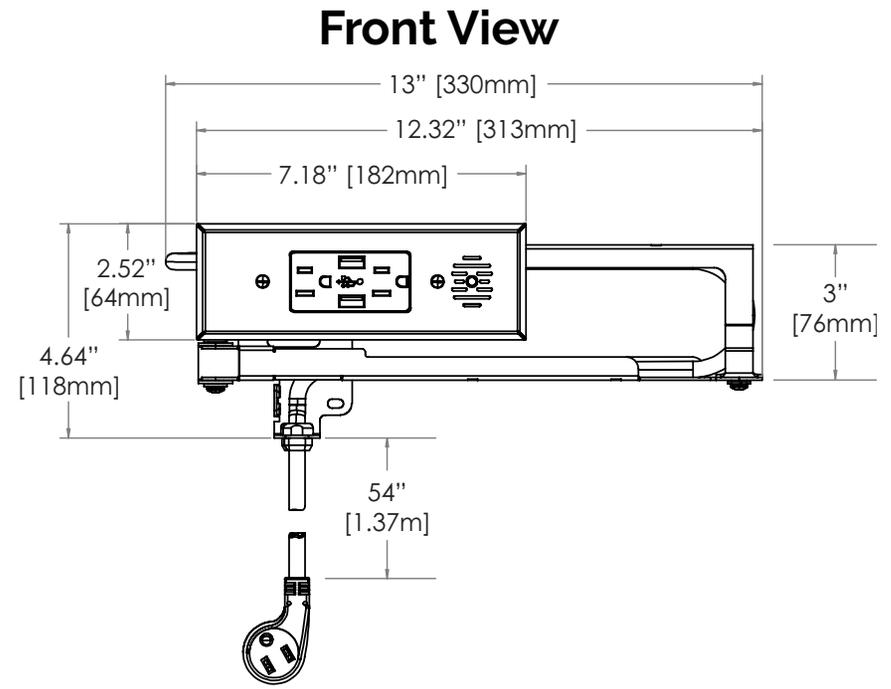|	
Outlet Width	13" (330mm)
Outlet Height	4.64" (118mm)
Outlet Depth	2.5" (64mm)
Receptacle Box Depth	1.93" (49mm)
Cover Plate Height	2.52" (64mm)
Cover Plate Width	11.26" (286mm)
Cover Plate Thickness	.29" (7.5mm)
Cable Management Arms Height	3" (76mm)
Cord Length (15 amp)	54" (1.37m) *10' cord available*
Cord Length (20 amp)	36" (.9m)

Front View

Top View

Docking Drawer Blade 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	7.18" (182mm)
Cover Plate Thickness	.29" (7.5mm)
Cable Management Arms Height	3" (76mm)
Cord Length (15 amp)	54" (1.37m) *10' cord available*
Cord Length (20 amp)	36" (.9m)

Front View

Top View

Step 1: Measure the Drawer Box 4 Key Measurements Needed

1
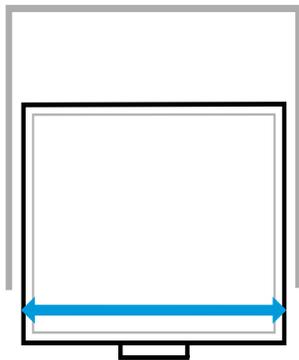
Drawer Box Width (Outer Dimension)

2
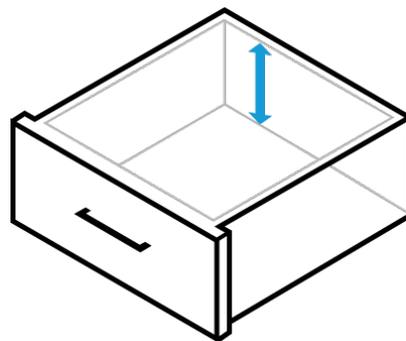
Interior Drawer Box Height
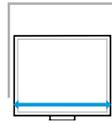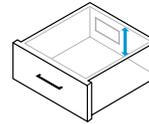
3
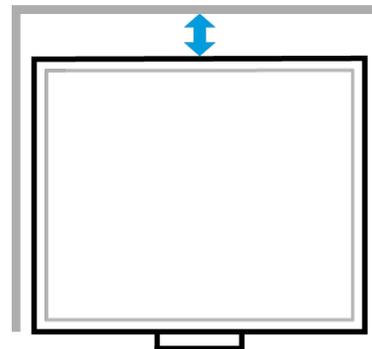
Space Behind the Drawer Box

4
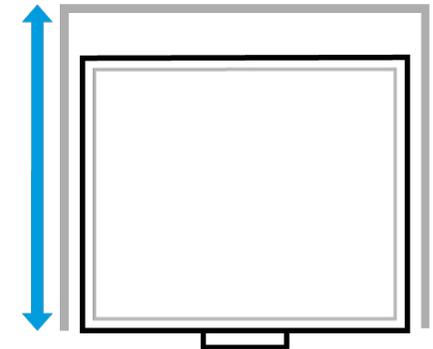
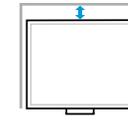**Base Cabinet Depth**

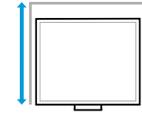# Step 2: 4 Types of Drawers Identify if you have a Shallow, Tall, Narrow, Vertical Drawer
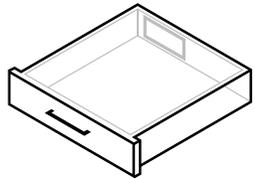
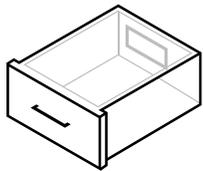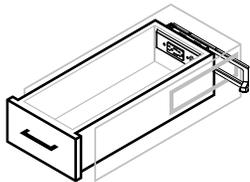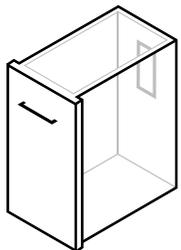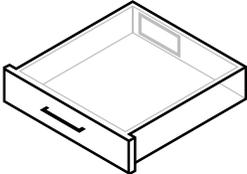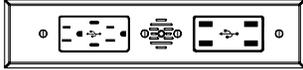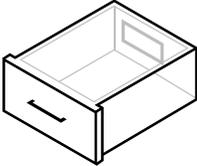|	Minimum Drawer Box Width (Outer Dimension)	Minimum Interior Drawer Box Height	Minimum Space Behind Drawer Box	Maximum Base Cabinet Depth
Shallow Drawer *Most often found in kitchens, closets, offices, side tables, entryway tables, and retail projects.*	**15"** or more	**3"** or more	**2"** or more	**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

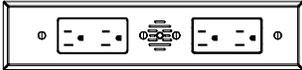|	Application	Most Popular Outlet
Shallow Drawer *Most often found in kitchens, closets, offices, side tables, entryway tables, and retail projects.*	Kitchen	**Blade Duo** 1514-232
Tall Drawer *Most often found in bathroom vanities and with above-glide mounting.*	Vanity	**Blade Duo** 1514-266 **Blade** 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
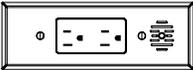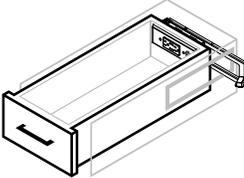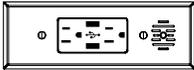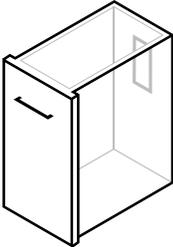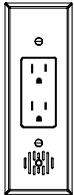
Outlet Orientation Horizontal Mounting

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

Horizontal Left

Front View
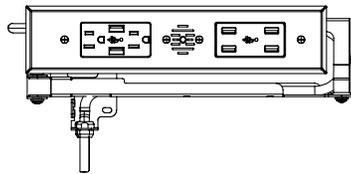
Top View
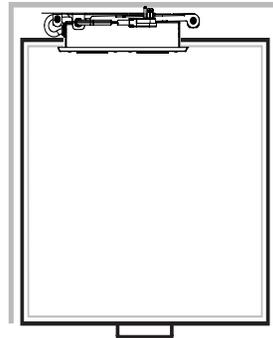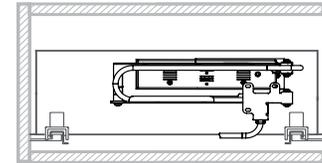
Rear View

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.

Horizontal Right

Front View

Top View

Rear View
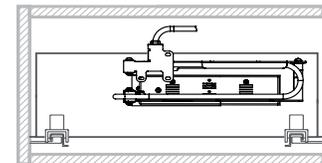
Outlet Orientation Vertical Mounting

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

Vertical Up
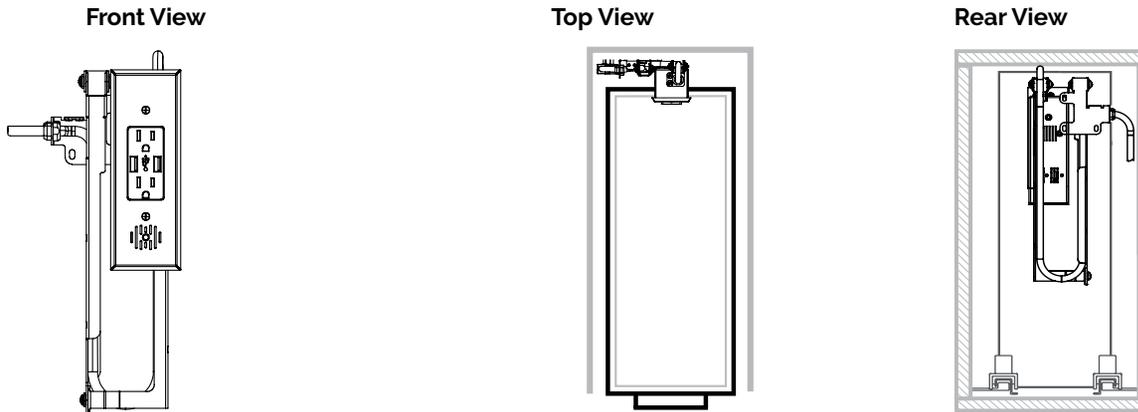
Front View

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.
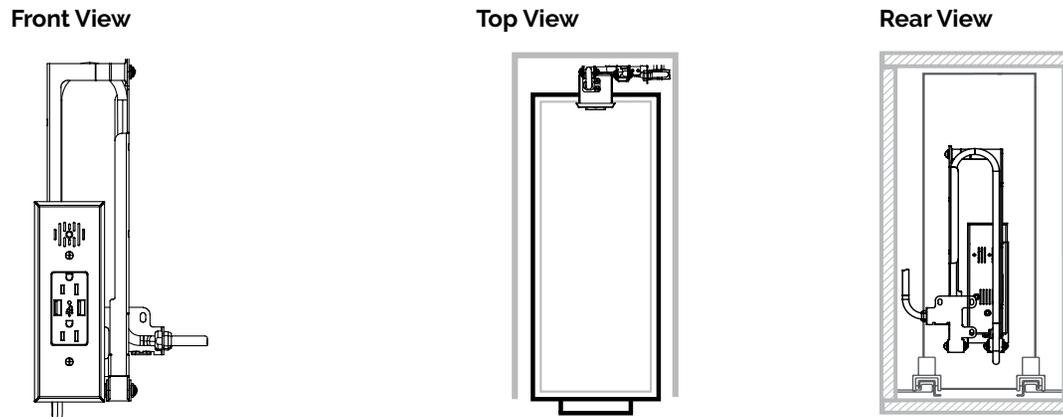
Blade Series In-Drawer Outlet Collection

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

BEST SELLER

**Blade Duo
1514-232W**

15 amp

○ 1514-232W
● 1514-232B
◐ 1514-232S

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

BEST SELLER

**Blade Duo
1514-272W**

15 amp

○ 1514-272W
● 1514-272B
◐ 1514-272S

2 AC, 2 USB-C (PD-60
Watt) & 4 USB-A
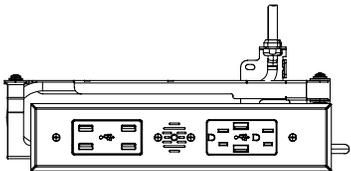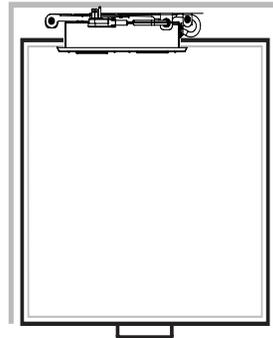
**Blade Duo
1514-211W**

15 amp

○ 1514-211W
● 1514-211B
◐ 1514-211S

4 AC & 4 USB-A

**Blade Duo
1514-212W**

15 amp

○ 1514-212W
● 1514-212B
◐ 1514-212S

2 AC & 6 USB-A

**Blade Duo
1514-222W**

15 amp

○ 1514-222W
● 1514-222B
◐ 1514-222S

8 USB-A

BEST SELLER

**Blade Duo
1514-266W**

15 amp

○ 1514-266W
● 1514-266B
◐ 1514-266S

4 AC

BEST SELLER

**Blade Duo
1514-213W**

15 amp

○ 1514-213W
● 1514-213B
◐ 1514-213S

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

**Blade Duo
1514-233W**

15 amp

○ 1514-233W
● 1514-233B
◐ 1514-233S

4 AC & 4 USB-C
(PD-30 Watt)

**Blade Duo
1514-277W**

15 amp

○ 1514-277W
● 1514-277B
◐ 1514-277S

4 AC & 4 USB-C
(PD-60 Watt)

15 amp Blade Duo Comparison Chart

	1514-232	1514-266	1514-211	1514-212	1514-213	1514-222	1514-233	1514-272	1514-277
	BEST SELLER	BEST SELLER							
Configuration	2 AC 4 USB-A 2 USB-C (PD-30 Watt)	4 AC	4 AC 4 USB-A	2 AC 6 USB-A	4 AC 2 USB-A 2 USB-C (PD-30 Watt)	8 USB-A	4 AC 4 USB-C (PD-30 Watt)	2 AC 4 USB-A 2 USB-C (PD-60 Watt)	4 AC 4 USB-C (PD-60 Watt)
AC Outlets	2	4	4	2	4	0	4	2	4
USB-A Ports	4	0	4	6	2	8	0	4	0
USB-C Ports	2	0	0	0	2	0	4	2	4
15 amp	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Available with 20 amp	2012-232	2012-266	2012-211	2012-212	N/A	N/A	2012-233	N/A	N/A
Compatible with Safety Interlock Outlet	Yes with Blade Limit Switch	Yes with Blade Limit Switch	Yes with Blade Limit Switch	Yes with Blade Limit Switch	Yes with Blade Limit Switch	N/A	Yes with Blade Limit Switch	Yes with Blade Limit Switch	Yes with Blade Limit 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)

BEST SELLER

Blade
1514-110W

15 amp

○ 1514-110W
● 1514-110B
◑ 1514-110S

2 AC & 2 USB-A

Blade
1514-130W

15 amp

○ 1514-130W
● 1514-130B
◑ 1514-130S

2 AC & 2 USB-C
(PD-30 Watt)

Blade
1514-170W

15 amp

○ 1514-170W
● 1514-170B
◑ 1514-170S

2 AC & 2 USB-C
(PD-60 Watt)

Blade
1514-120W

15 amp

○ 1514-120W
● 1514-120B
◑ 1514-120S

4 USB-A

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

	1514-160	1514-110	1514-120	1514-130	1514-150	1514-170
	BEST SELLER					
Configuration	2 AC	2 AC 2 USB-A	4 USB-A	2 AC 2 USB-C (PD-30 Watt)	2 AC GFCI	2 AC 2 USB-C (PD-60 Watt)
AC Outlets	2	2	0	2	2	2
USB-A Ports	0	2	4	0	0	0
USB-C Ports	0	0	0	2	0	2
15 amp	Yes	Yes	Yes	Yes	Yes	Yes
Available with 20 amp	2012-160	2012-110	N/A	2012-130	2012-150	N/A
Compatible with Safety Interlock Outlet	Yes with Blade Limit 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: **1514-2 3 2**
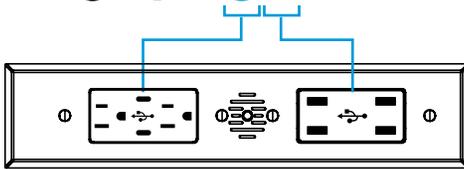
ex: **1514-1 6 0**

Then, Select Any Outlet

#	Outlet Configuration		Outlet Specifications
1		2 AC & 2 USB-A	AC: 15 amps @ 120 VAC USB-A: 3.6 amps @ 5 VDC
2		4 USB-A	4.2 amps @ 5 VDC
3		2 AC & 2 USB-C (PD-30 Watt)	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)
4		2 AC 1 USB-C & 1 USB-A	AC: 15 amps @ 120 VAC USB-C (non-PD device): 3 amps @ 5 VDC (15W) USB-A: 2.4 amps @ 5 VDC
5		2 AC - GFCI	15 amps @ 120 VAC
6		2 AC	15 amps @ 120 VAC
7		2 AC & 2 USB-C (PD-60 Watt)	AC: 15 amps @ 120 VAC USB-C (single port connected to PD device): 3 amps @ 20 VDC (60W) USB-C (both ports connected to PD devices): 3 amps @ 9 VDC x 2 ports (60W) USB-C (one or both ports connected to non PD device): 3 amps @ 5 VDC x 2 ports (30W)

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.
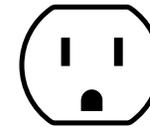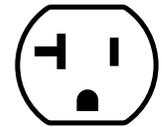
15 amp   **20 amp**

Variety of Configurations

Choose from 15 amp or 20 amp outlets.

Each 15 amp outlet has a 20 amp equivalent
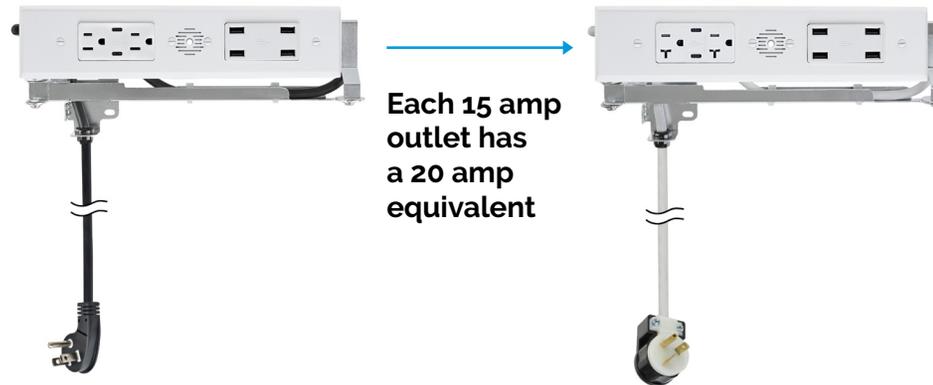
Pro Tip

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.

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.

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

BEST SELLER

Blade Duo 2012-232W

20 amp

○ 2012-232W
● 2012-232B
◐ 2012-232S

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

Blade Duo 2012-212W

20 amp

○ 2012-212W
● 2012-212B
◐ 2012-212S

2 AC & 6 USB-A

Blade Duo 2012-266W

20 amp

○ 2012-266W
● 2012-266B
◐ 2012-266S

4 AC

Blade Duo 2012-211W

20 amp

○ 2012-211W
● 2012-211B
◐ 2012-211S

4 AC & 4 USB-A

Blade Duo 2012-233W

20 amp

○ 2012-233W
● 2012-233B
◐ 2012-233S

4 AC & 4 USB-C (PD - 30 Watt)

Blade Duo 2012-272W

20 amp

○ 2012-272W
● 2012-272B
◐ 2012-272S

2 AC, 2 USB-C (PD - 60 Watt) & 4 USB-A

Blade Duo 2012-277W

20 amp

○ 2012-277W
● 2012-277B
◐ 2012-277S

4 AC & 4 USB-C (PD - 60 Watt)

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

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

Blade
2012-130W

20 amp

○ 2012-130W
● 2012-130B
◐ 2012-130S

2 AC & 2 USB-C (PD - 30 Watt)

Blade
2012-110W

20 amp

○ 2012-110W
● 2012-110B
◐ 2012-110S

2 AC & 2 USB-A

Blade
2012-170W

20 amp
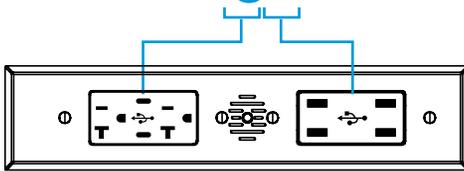
○ 2012-170W
● 2012-170B
◐ 2012-170S

2 AC & 2 USB-C (PD - 60 Watt)

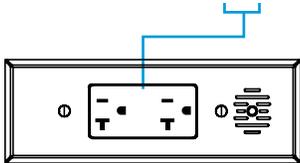# Outlet Configuration Options for 20 amp Blade Series Outlets

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: **2012-2 3 2**

ex: **2012-1 6 0**

Then, Select Any Outlet

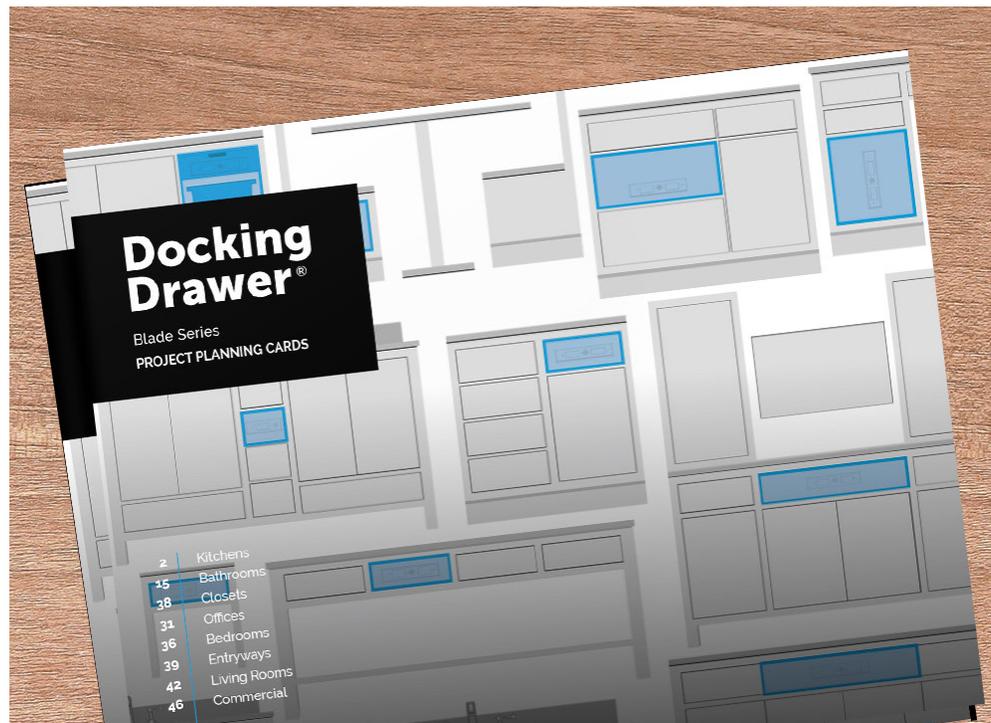| #	Outlet Configuration	Outlet Specifications
1	2 AC & 2 USB-A	AC: 20 amps @ 120 VAC USB-A: 3.6 amps @ 5 VDC
2	4 USB-A	4.2 amps @ 5 VDC
3	2 AC & 2 USB-C (PD - 30 Watt)	AC: 20 amps @ 120 VAC USB-C (single port connected to PD device): 3 amps @ 9 VDC (30W) USB-C (single port connected to non-PD device): 3 amps @ 5 VDC (15W) USB-C (both ports connected): 3 amps @ 5 VDC (30W total power)
4	2 AC 1 USB-C & 1 USB-A	AC: 20 amps @ 120 VAC USB-C (non-PD device): 3 amps @ 5 VDC (15W) USB-A: 2.4 amps @ 5 VDC
5	2 AC - GFCI	20 amps @ 120 VAC
6	2 AC	20 amps @ 120 VAC
7	2 AC & 2 USB-C (PD-60 Watt)	AC: 20 amp @ 120 VAC USB-C (single port connected to PD device): 3 amps @ 20 VDC (60W) USB-C (both ports connected to PD devices): 3 amps @ 9 VDC x 2 ports (60W) USB-C (one or both ports connected to non PD device): 3 amps @ 5 VDC x 2 ports (30W)

Planning Resources

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.

Docking Drawer®

Blade Series
PROJECT PLANNING CARDS

2	Kitchens
15	Bathrooms
38	Closets
31	Offices
36	Bedrooms
39	Entryways
42	Living Rooms
46	Commercial

Pro Tip

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

Planning Resources Docking Drawer Catalog

Our catalog 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.

Catalog

Order a Docking Drawer Blade Series catalog to share with your team and customers.
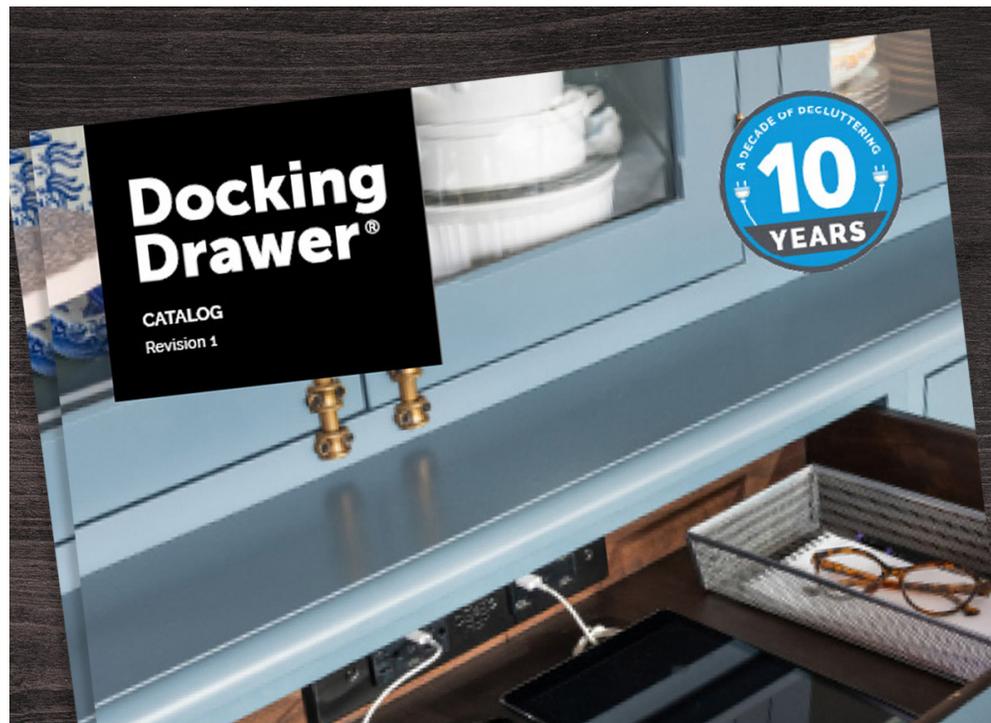
Pro Tip

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

Planning Resources Literature

Find key information on our most popular Blade Series outlets, including how to choose by drawer type, available configurations, and more, all in a simple-to-share, single page format. Simply <u>click this link</u> to download now.

Literature

Download or order printed copies of Docking Drawer Literature.

Pro Tip

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

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 <u>click this link</u> to download now.

DXF, STEP and Solidwork Files

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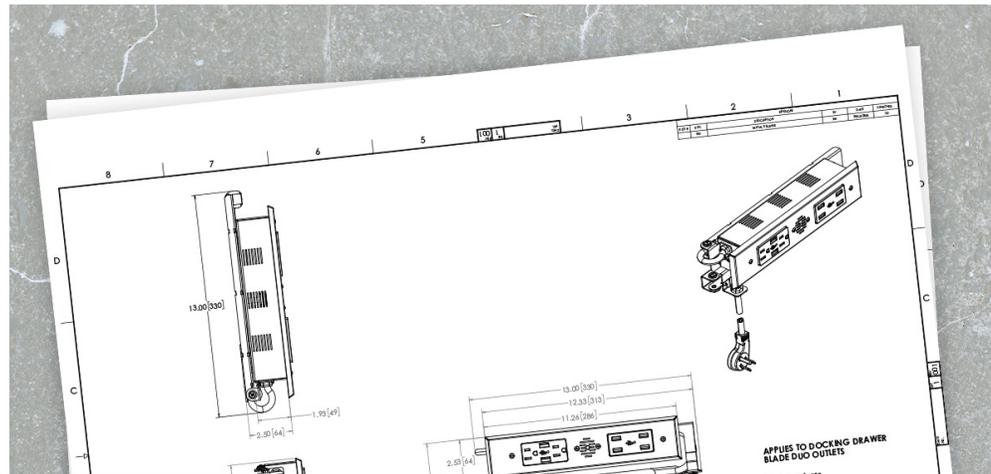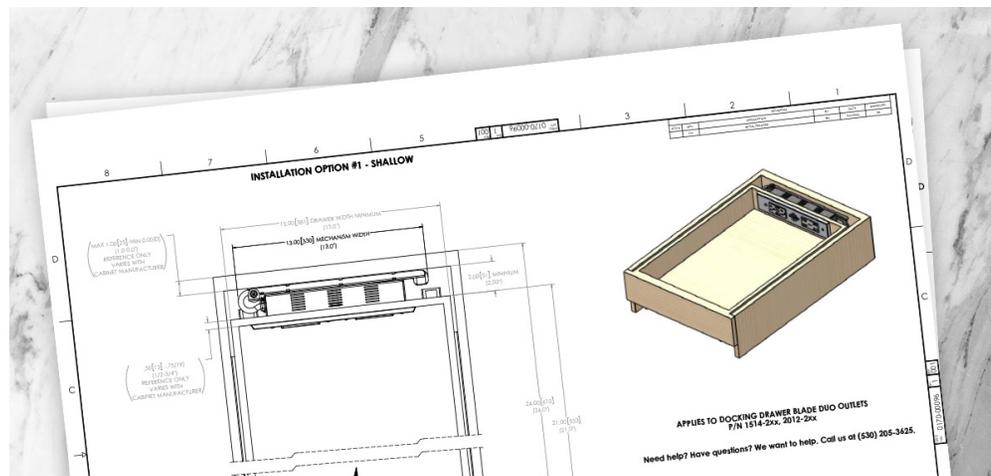

Pro Tip

DXF, STEP and Solidwork files are available to download at <u>dockingdrawer.com/downloads</u>

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 <u>dockingdrawer.com/downloads</u>

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.
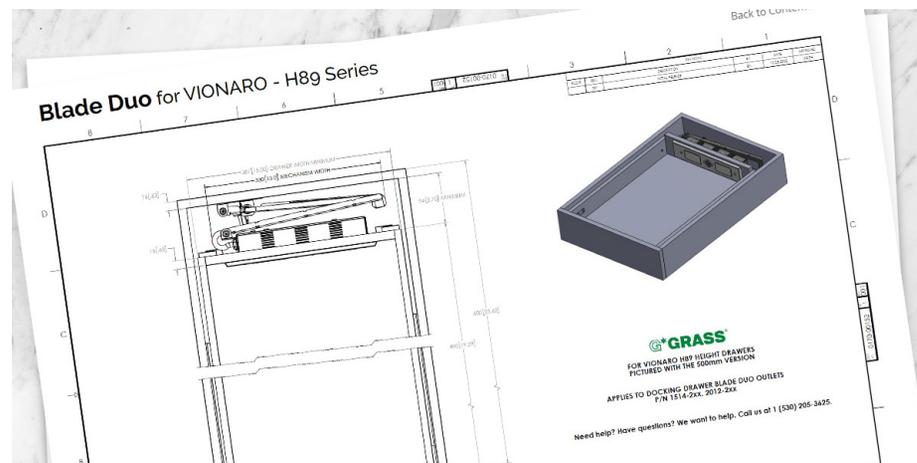

LEGRABOX & TANDEMBOX drawer systems

Blade Duo for LEGRABOX M Height Drawers

Pro Tip

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

Vionaro & Nova Pro Scala drawer systems

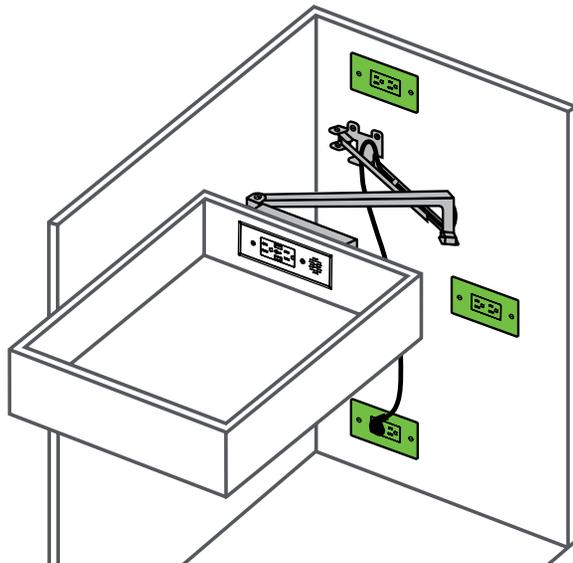Blade Duo for VIONARO - H89 Series

Planning Resources Locating In-Cabinet Power

Locating in-cabinet power is simple. The in-cabinet outlet needs to be within 4.5 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
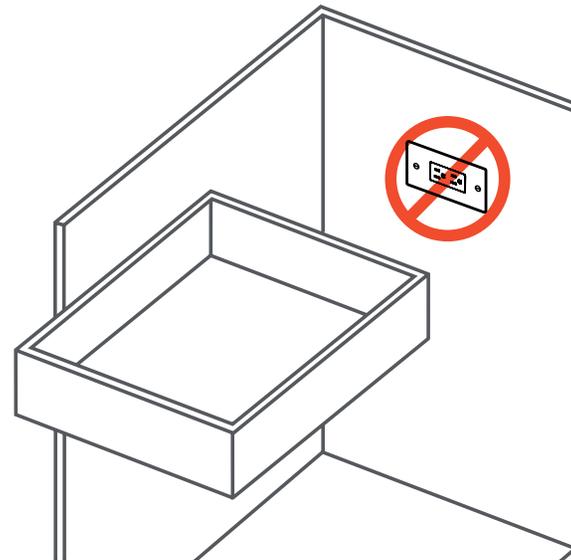
Need GFCI?

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

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.

*Items marked in green are not included

Installation Spec Book for Blade Series Outlets

SHARE WITH INDUSTRY PROFESSIONALS

Specify by Drawer Type

4 Drawer Types Shallow, Tall, Narrow, Vertical

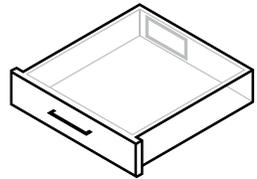|		Minimum Drawer Box Width (Outer Dimension)	Minimum Interior Drawer Box Height	Minimum Space Behind Drawer Box	Maximum Base Cabinet Depth
	Shallow Drawer *Most often found in kitchens, closets, offices, side tables, entryway tables, and retail projects.*	**15"** or more	**3"** or more	**2"** or more	**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

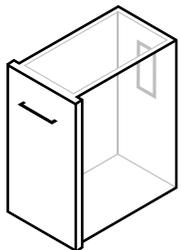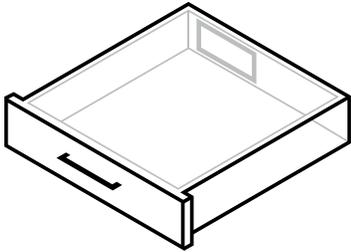|	
Outlet Width	**13"**
Minimum Drawer Box Width (Outer Dimension)	**15"** or more
Minimum Interior Drawer Box Height	**3"** or more
Minimum Space Behind Drawer Box	**2"** or more
Maximum Base Cabinet Depth	**24"** or less

13" outlet width

2" space needed behind drawer box

less than **24"** cabinet depth

more than **3"** interior drawer box height

more than **15"** drawer box width (OD)
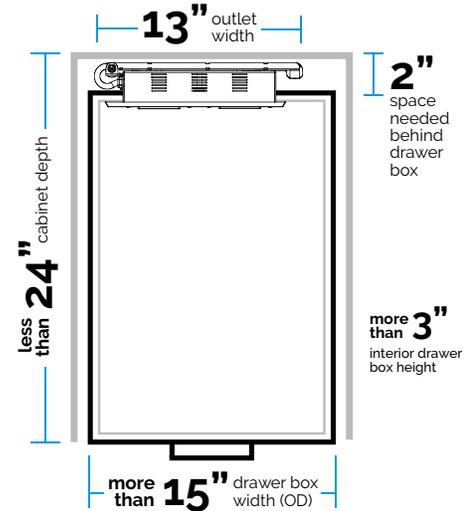
Shallow Drawer Type Installation Example: Centered Blade Series Outlets

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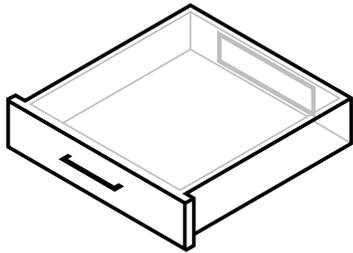
Outlet Width	13"
Minimum Drawer Box Width (Outer Dimension)	17" or more
Minimum Interior Drawer Box Height	3" or more
Minimum Space Behind Drawer Box	2" or more
Maximum Base Cabinet Depth	24" or less

13" outlet width

2" of space needed behind drawer box

less than 24" cabinet depth

more than 3" interior drawer box height

more than 17" drawer box width (OD)

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

13" outlet width

2" of space needed behind drawer box

less than 24" cabinet depth

more than 3" interior drawer box height

more than 21" drawer box width (OD)

Pro Tip

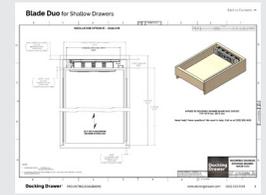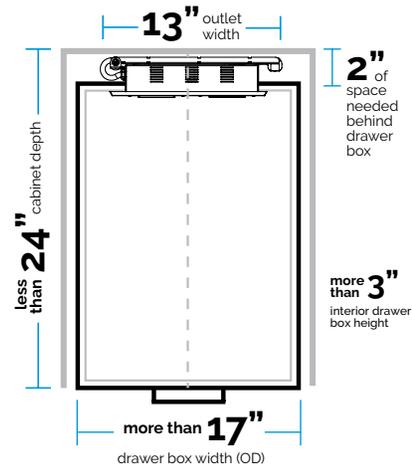For more installation examples, visit dockingdrawer.com/project-cards

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

13" outlet width

2" space needed behind drawer box

less than **24"** cabinet depth

more than **4"** interior drawer box height

more than **13"** drawer box width (OD)

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.
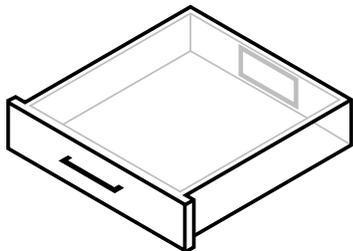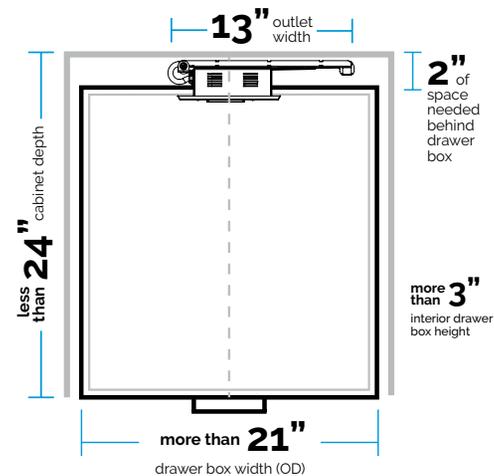
Tall Drawer
Blade Duo
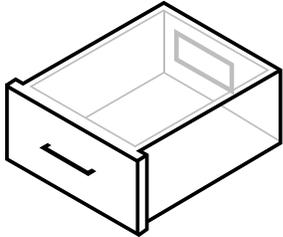
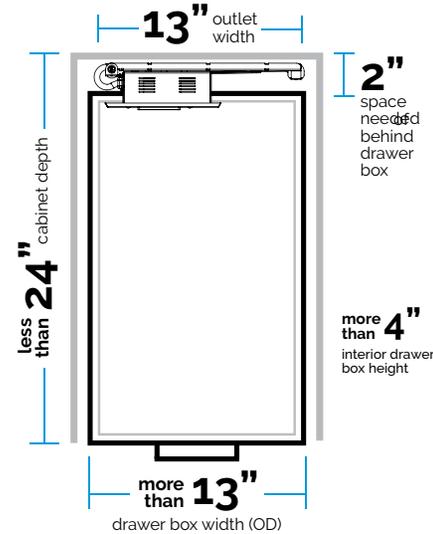|	
Outlet Width	13"
Minimum Drawer Box Width (Outer Dimension)	13.5" or more
Minimum Interior Drawer Box Height	4" or more
Minimum Space Behind Drawer Box	2" or more
Maximum Base Cabinet Depth	24" or less

13" outlet width
2" of space needed behind drawer box
less than 24" cabinet depth
more than 4" interior drawer box height
more than 13.5" drawer box width (OD)

Tall Drawer
Blade

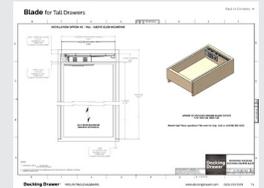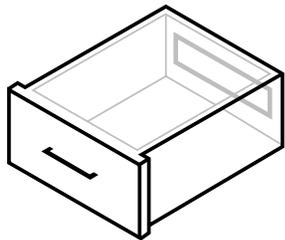|	
Outlet Width	13"
Minimum Drawer Box Width (Outer Dimension)	17.5" or more
Minimum Interior Drawer Box Height	4" or more
Minimum Space Behind Drawer Box	2" or more
Maximum Base Cabinet Depth	24" or less

13" outlet width
2" of space needed behind drawer box
less than 24" cabinet depth
more than 4" interior drawer box height
more than 17.5" drawer box width (OD)

Narrow Drawer Type Minimum Cabinet Specifications

Narrow Drawer
Right Side Channel
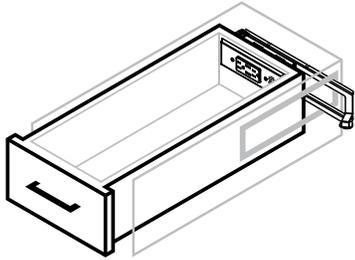
Outlet Width	13"
Minimum Drawer Box Width (Outer Dimension)	9" or more
Minimum Interior Drawer Box Height	5" or more
Minimum Space Behind Drawer Box	2" or more
Maximum Base Cabinet Depth	24" or less

13" outlet width

2" of space needed behind drawer box

less than 24" cabinet depth

more than 5" interior drawer box height

more than 9" drawer box width (OD)

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 →
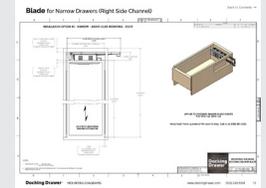
Narrow Drawer
Left Side Channel
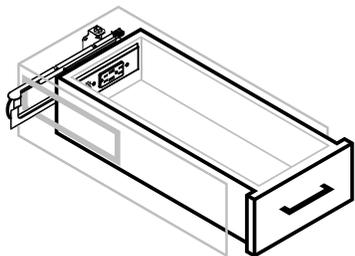
Outlet Width	13"
Minimum Drawer Box Width (Outer Dimension)	9" or more
Minimum Interior Drawer Box Height	4" or more
Minimum Space Behind Drawer Box	2" or more
Maximum Base Cabinet Depth	24" or less

13" outlet width

2" of space needed behind drawer box

less than 24" cabinet depth

more than 4" interior drawer box height

more than 9" drawer box width (OD)
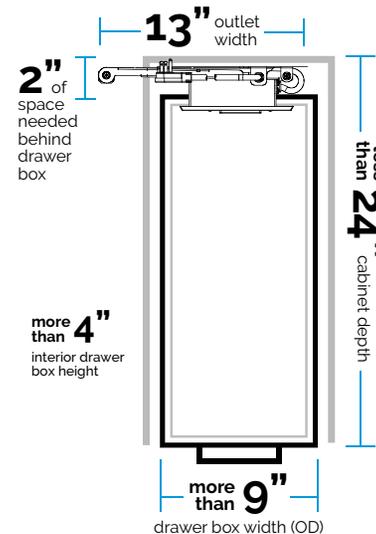
Download Mounting Diagrams →

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

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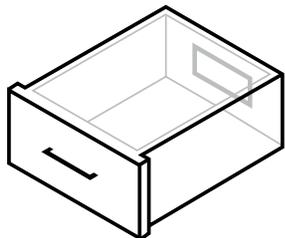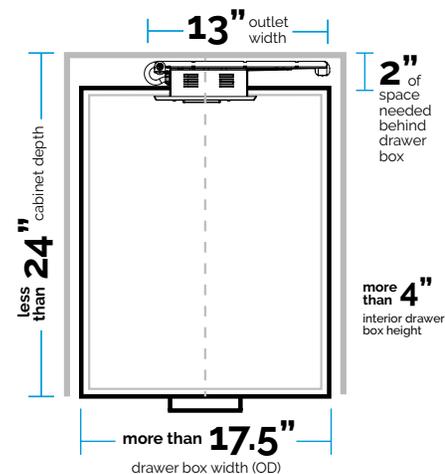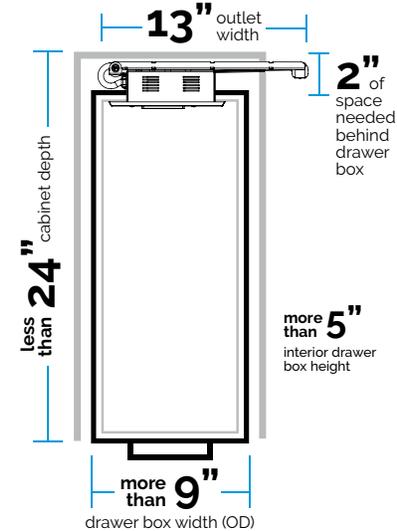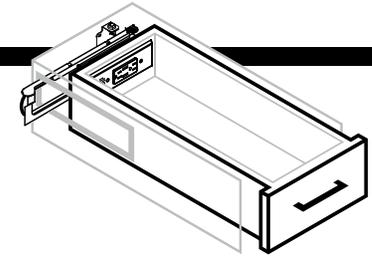
Docking Drawer Blade Series outlets can be specified into vanity drawers as narrow as 9" by creating a channel in the cabinet sidewall to allow space for the cable management arms to move freely.

Double Sink Vanity

13" outlet width

less than 24" cabinet depth

more than 4" interior drawer box height for over glide mounting

more than 9" drawer box width (OD)

Single Sink Vanity

13" outlet width

less than 24" cabinet depth

more than 4" interior drawer box height for over glide mounting

more than 9" drawer box width (OD)

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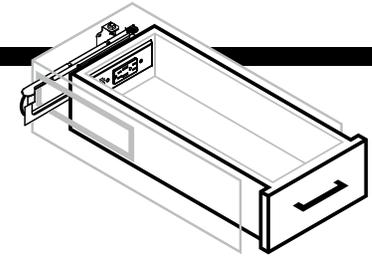
Docking Drawer Blade Series outlets can be left mounted into vanity drawers as narrow as 9" by flipping the outlet and creating a channel in the left cabinet sidewall to allow space for the cable management arms to move freely.

Left Side Channel

The outlet may be flipped so that the channel is on the left side of the cabinet wall.
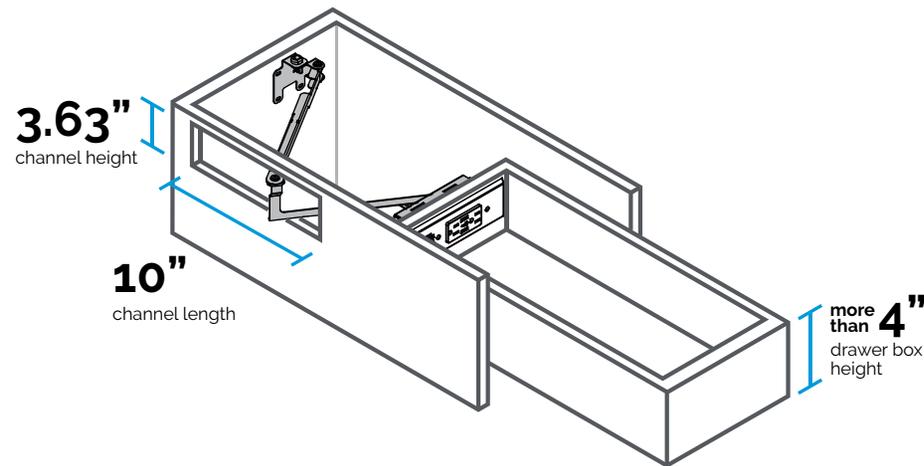
3.63"
channel height

10"
channel length

more than 4"
drawer box height

Rear View

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

3.63"
channel height

2"
glide stay-out distance from bottom of drawer box

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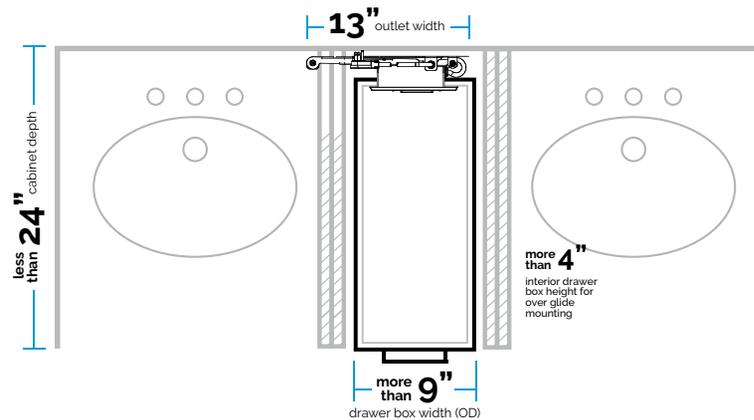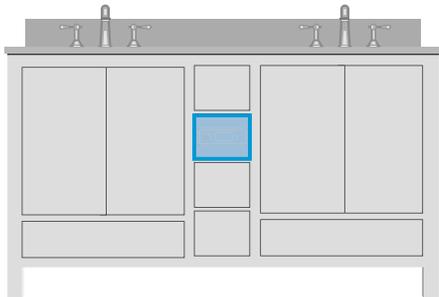
Most Popular Outlet:
15 amp Blade In Drawer Outlet-1514-160

Narrow Drawer Type Installation Example: Right Side Channel
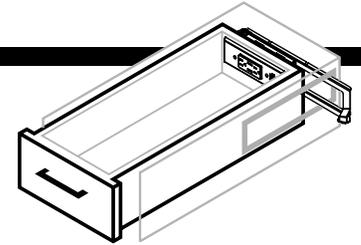
Docking Drawer Blade Series outlets can be right mounted into vanity drawers as narrow as 9" by creating a channel on the right cabinet sidewall to allow space for the cable management arms to move freely.
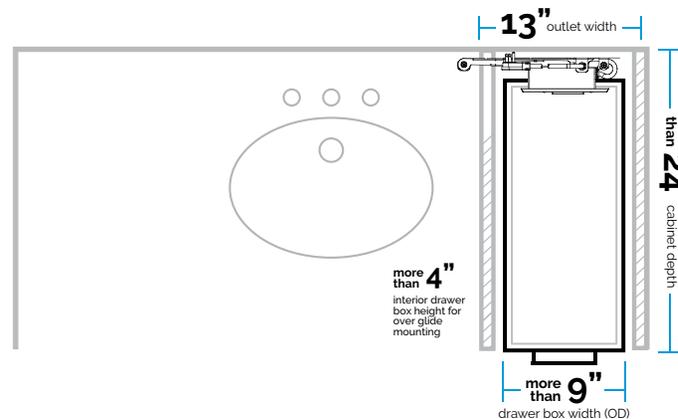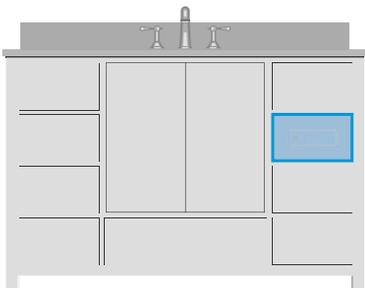
Right Side Channel

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".
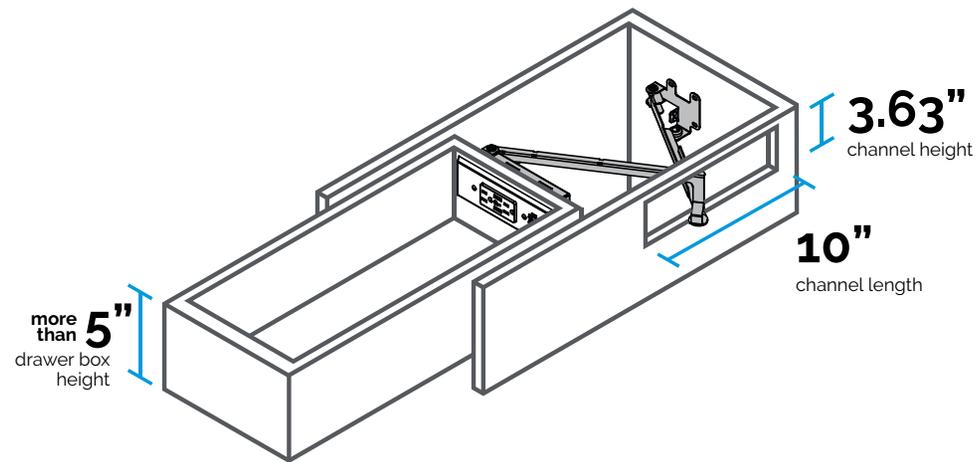
3.63"
channel height

10"
channel length

more than 5"
drawer box height

Rear View

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

3.63"
channel height

2"
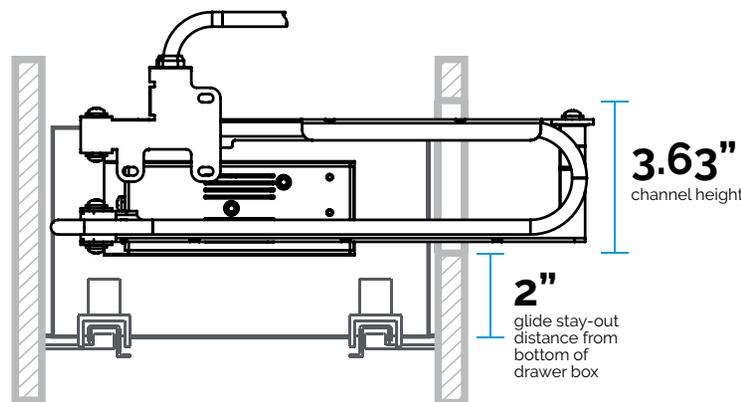glide stay-out distance from bottom of drawer box

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
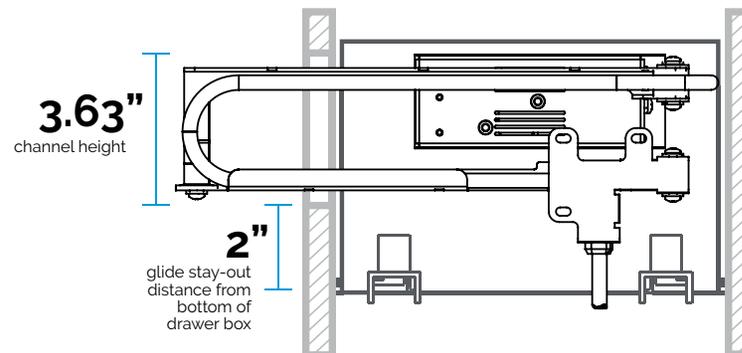
Vertical Drawer Type Minimum Cabinet Specifications

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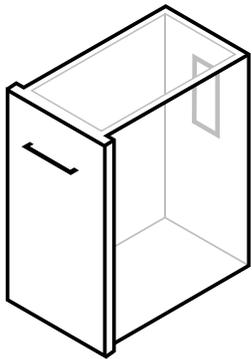
Outlet Width	**6"**
Minimum Drawer Box Width (Outer Dimension)	**8"** or more
Minimum Interior Drawer Box Height	**13"** or more
Minimum Space Behind Drawer Box	**2"** or more
Maximum Base Cabinet Depth	**24"** or less

6"
outlet width

less than 24" cabinet depth

2" of space needed behind drawer box

more than 13" interior drawer box height

more than 8" drawer box width (OD)

Download Mounting Diagrams →

Blade Duo for Vertical Drawers

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

Vertical Drawer Type Installation Example: 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.

13"
outlet height
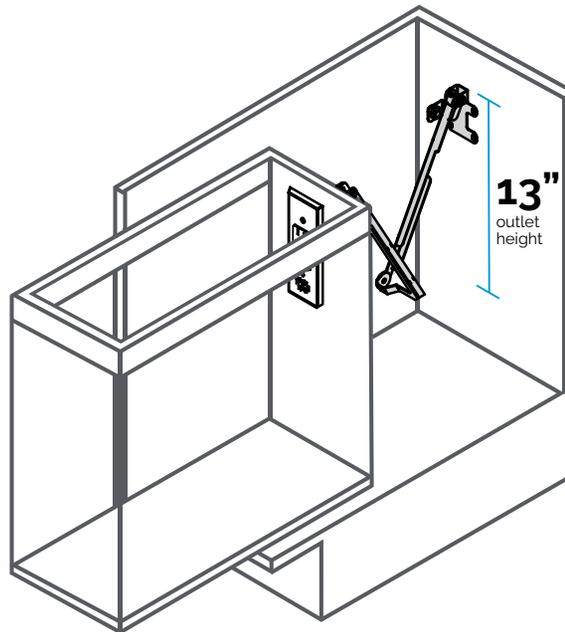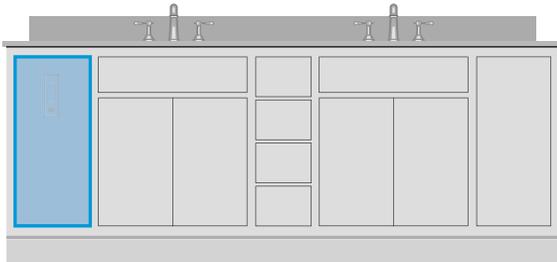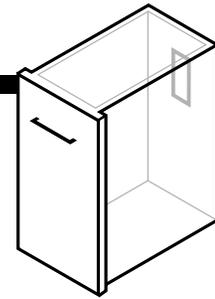
Pro Tip

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 Example: Short Vertical Drawer
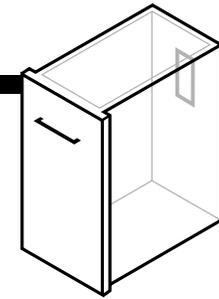
Docking Drawer Blade Series outlets can be specified into bathroom drawers as short as 10" by creating a channel on the bottom of the cabinet to allow space for the cable management arms.
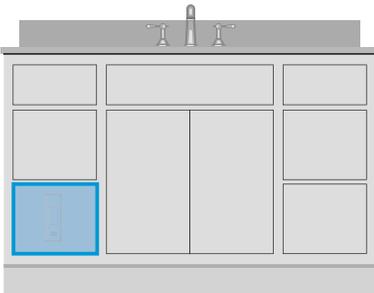
Option 1
without channel

more than 13"
drawer box height

Option 2
with channel

more than 10"
drawer box height

3.75"
of space needed for channel width

9"
of space needed for channel length

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
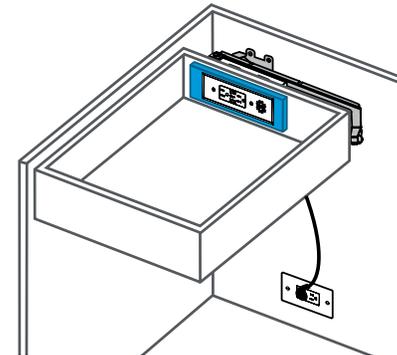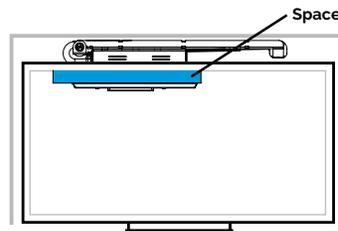
Full Width Spacer
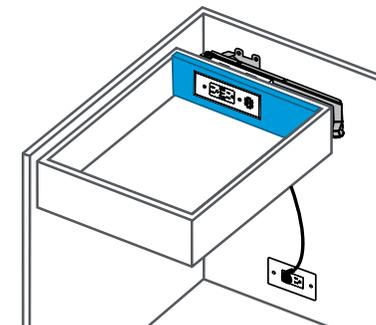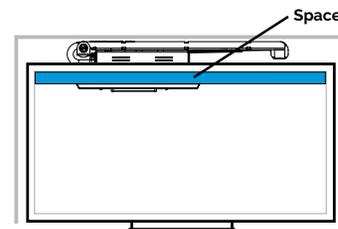
Spacer Installation Technique

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

Spacer

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
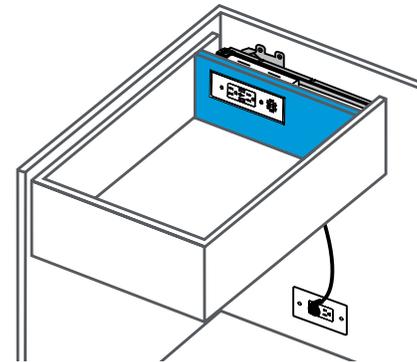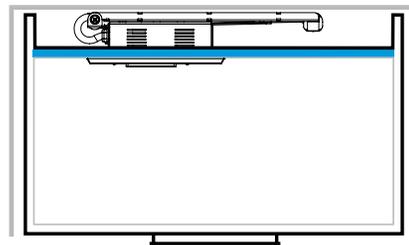
Repositioned Drawer Box With Cover

Installation Technique
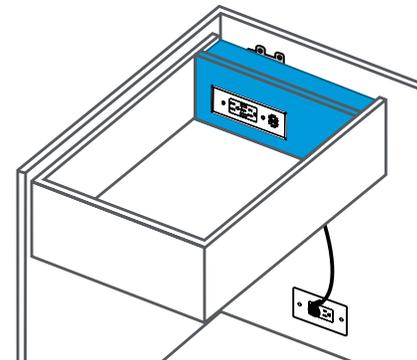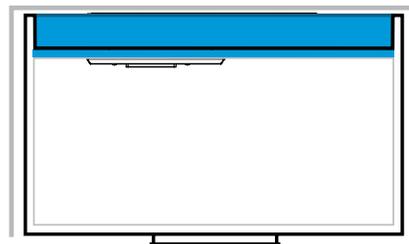
Pro Tip

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

14"
back panel
cutout width

6"
back panel
cutout
height
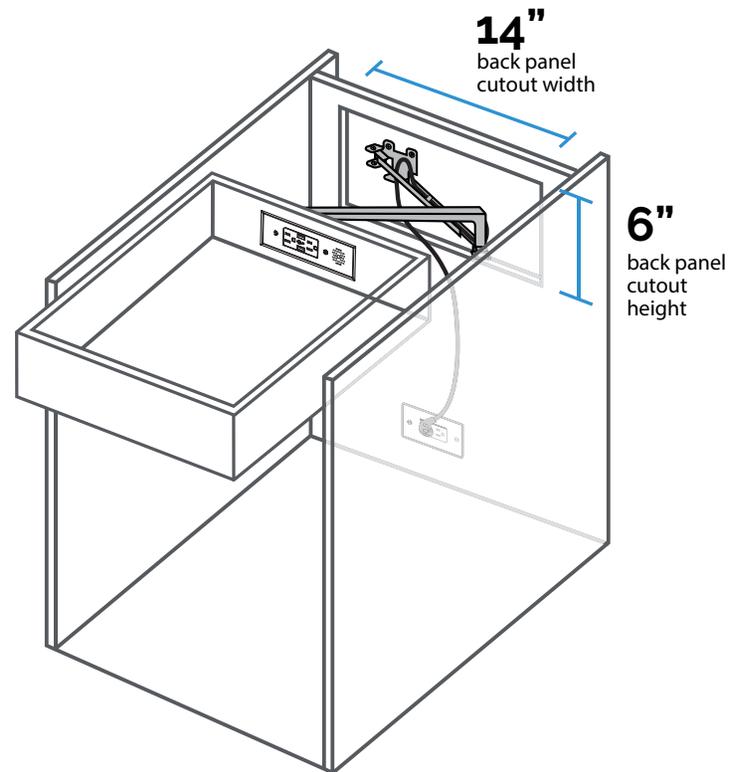
Pro Tip

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

If the drawer box is shallower than the required 3" minimum, the outlet can be dropped into a U-Shaped cutout in the back wall of the drawer box.

Create a U-Shaped Cutout
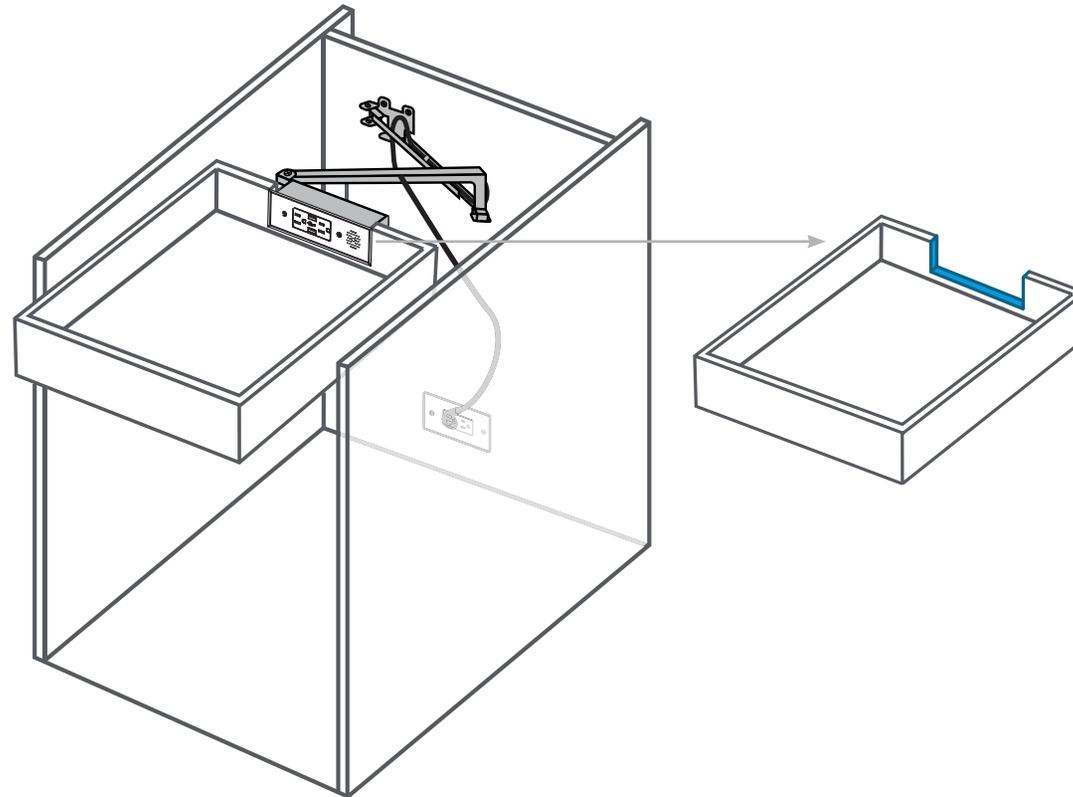
Pro Tip

When installing a Docking Drawer in a shallower drawer, a U-Shaped cut out is possible as long as the drawer box is constructed out of high-quality material.

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
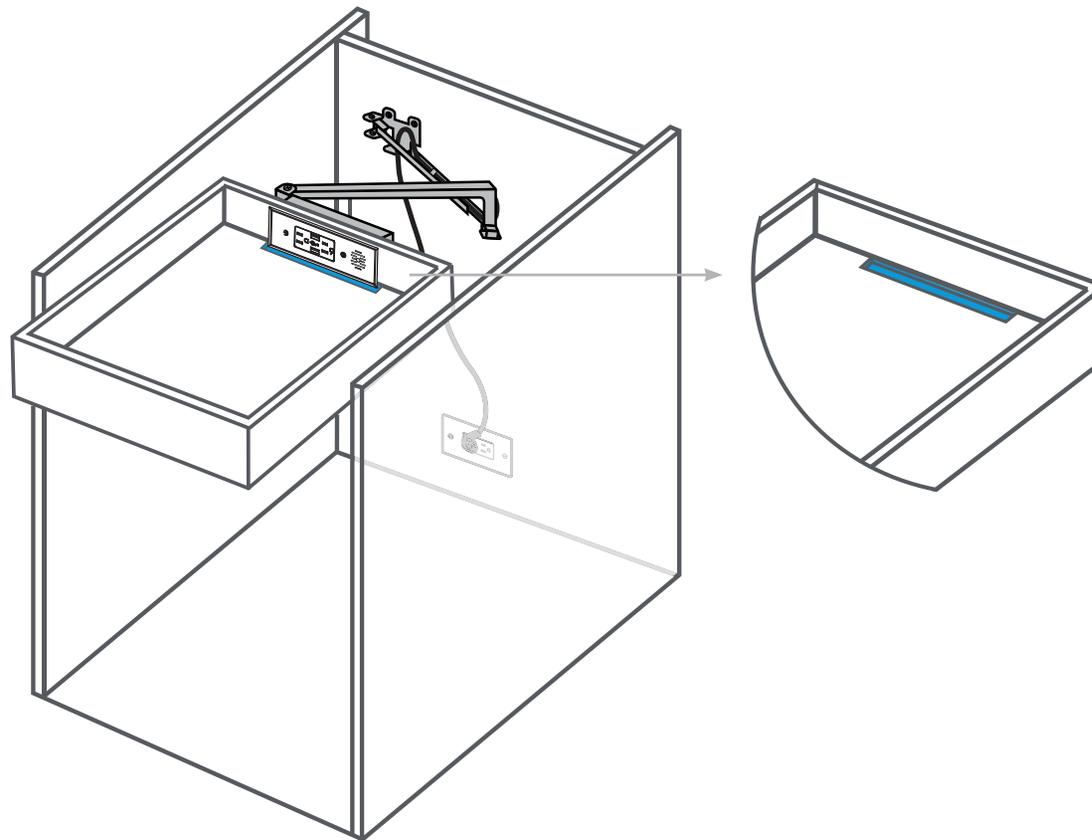
Pro Tip

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
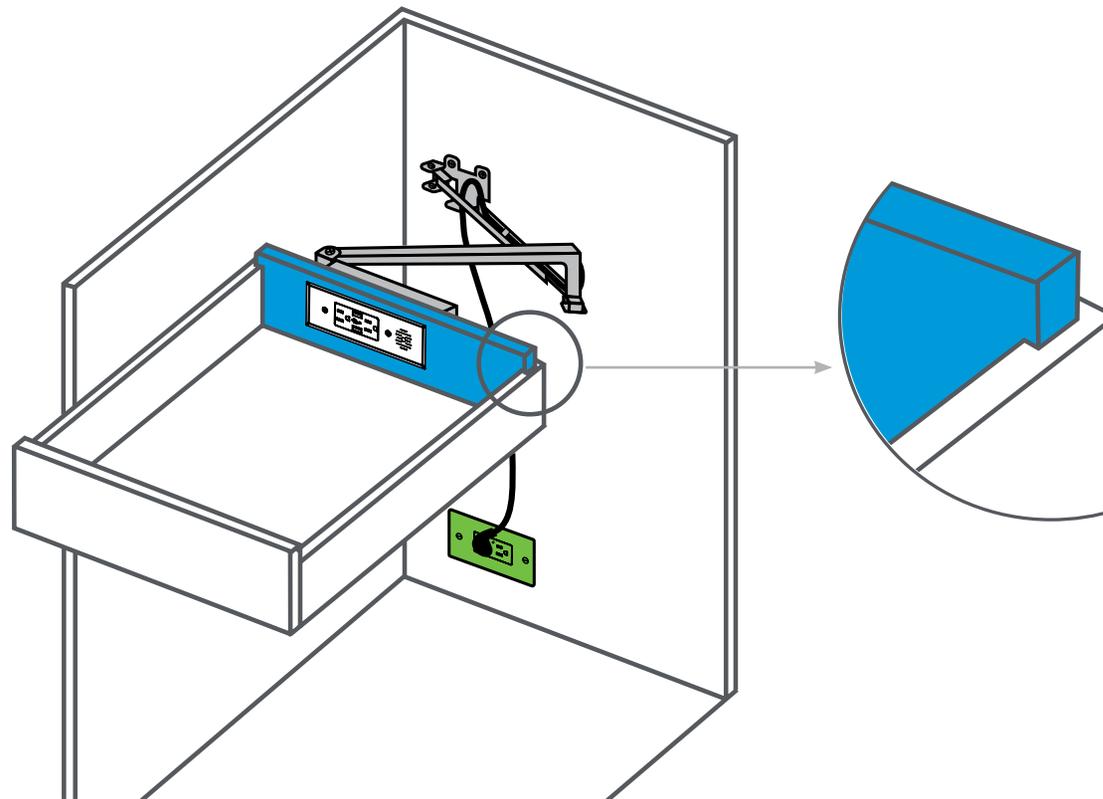
Pro Tip

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
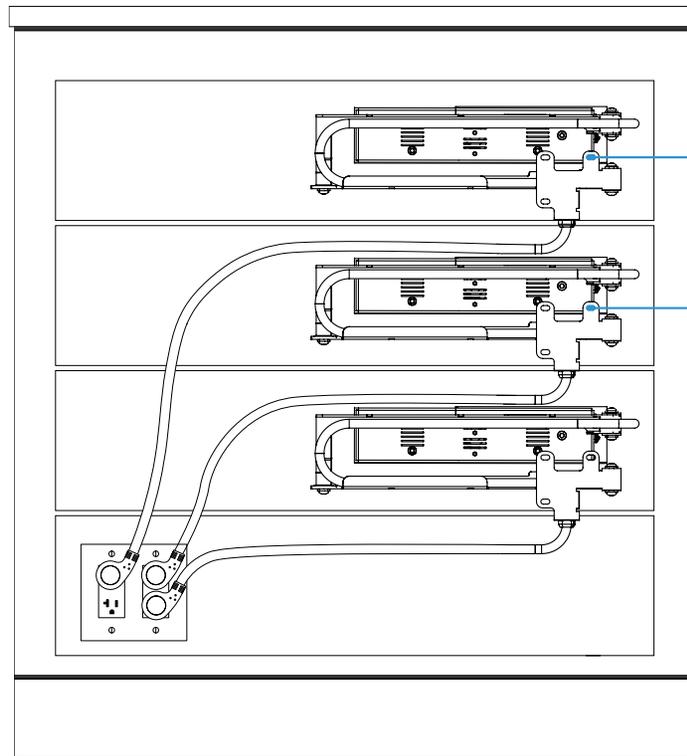
6" of space is needed between mounting bracket holes.

Pro Tip

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

Deep Cabinet Outlets For Cabinet Depths up to 30"

Docking Drawer Blade Series 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 Series Deep Cabinet outlets have longer cable management arms for increased extension.

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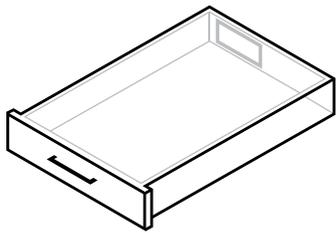
Outlet Width	**15.7"**
Minimum Drawer Box Width (Outer Dimension)	**18"** or more
Minimum Interior Drawer Box Height	**3"** or more
Minimum Space Behind Drawer Box	**2"** or more
Maximum Base Cabinet Depth	**30"** or less

15.7" outlet width

2" of space needed behind drawer box

less than **30"** cabinet depth

more than **3"** interior drawer box height

more than **18"** drawer box width (OD)
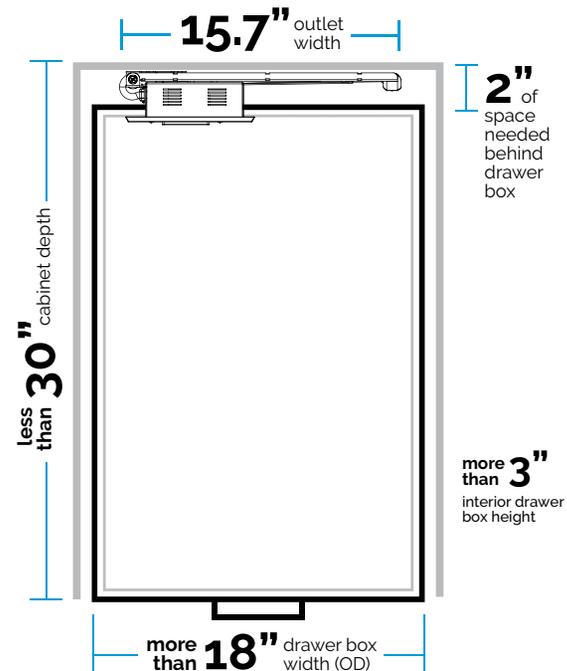
Pro Tip

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

Download Mounting Diagrams ➜
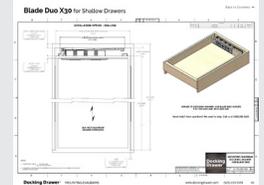
Most Popular Outlet:
15 amp Blade In Drawer Deep Cabinet Outlet-1514-110-X30

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 (15 amp)	49" (1.24m)
Cord Length (20 amp)	31" (.79m)

Front View
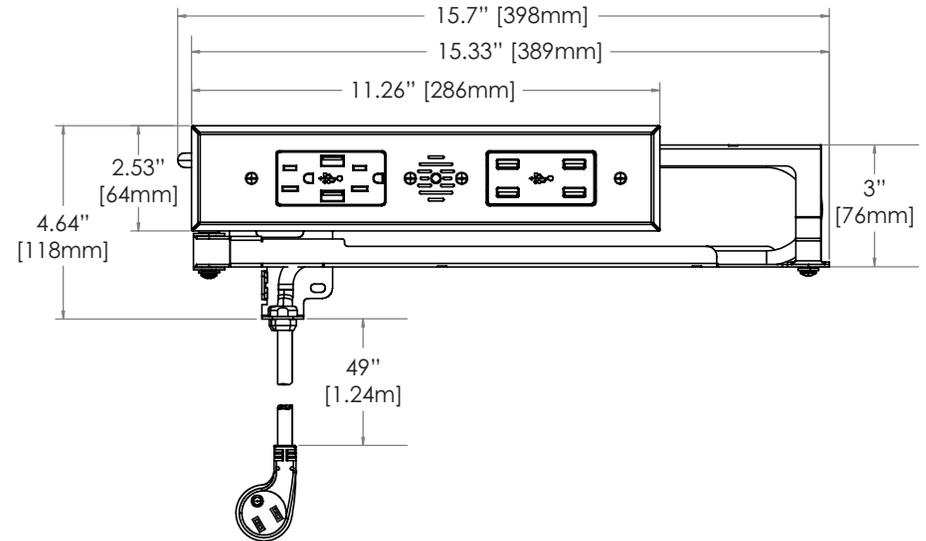
Top View
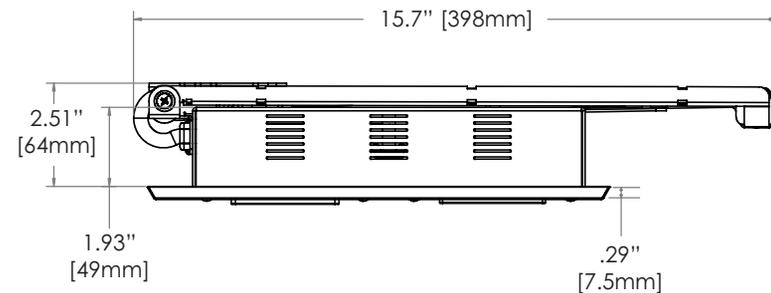
Outlet Dimensions of a Blade Deep Cabinet In Drawer Outlet

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 (15 amp)	49" (1.24m)
Cord Length (20 amp)	31" (.79m)

Front View
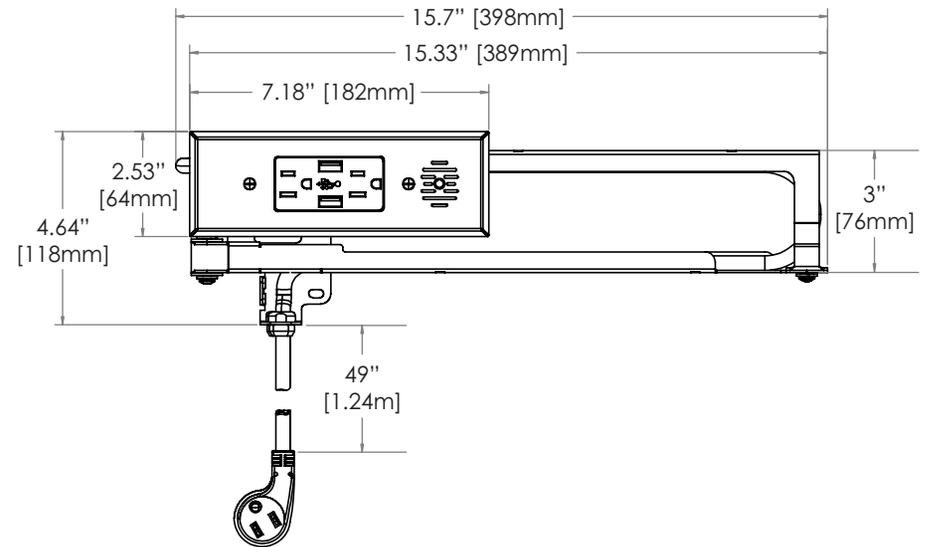
Top View
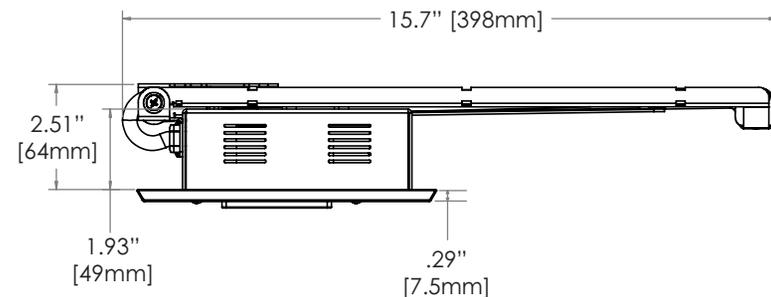
10' Cord Solutions

The standard cord length for 15 amp Blade Series outlets is 4.5', 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.

10' cord length
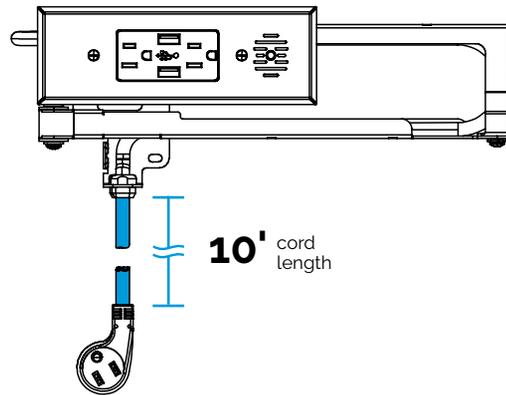
Pro Tip

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 In Drawer Deep Cabinet Outlet-1514-232-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 <u>click this link</u> to download now.

Installation Manuals

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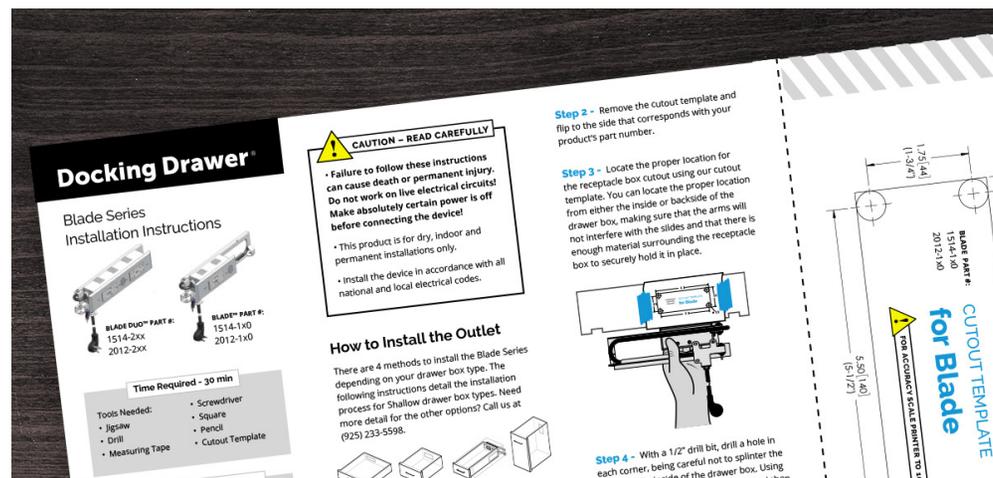
Pro Tip

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

Cutout Templates

Printable PDF templates to guide your receptacle box cutout placement.
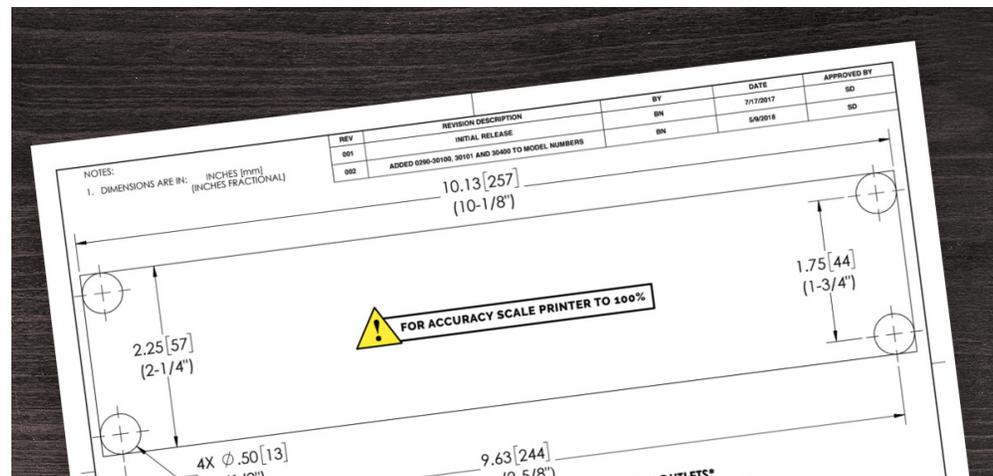
Pro Tip

Cutout Templates are available to download at <u>dockingdrawer.com/downloads</u>

Installation Resources for Blade Series In-Drawer Outlets

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

Installation Videos

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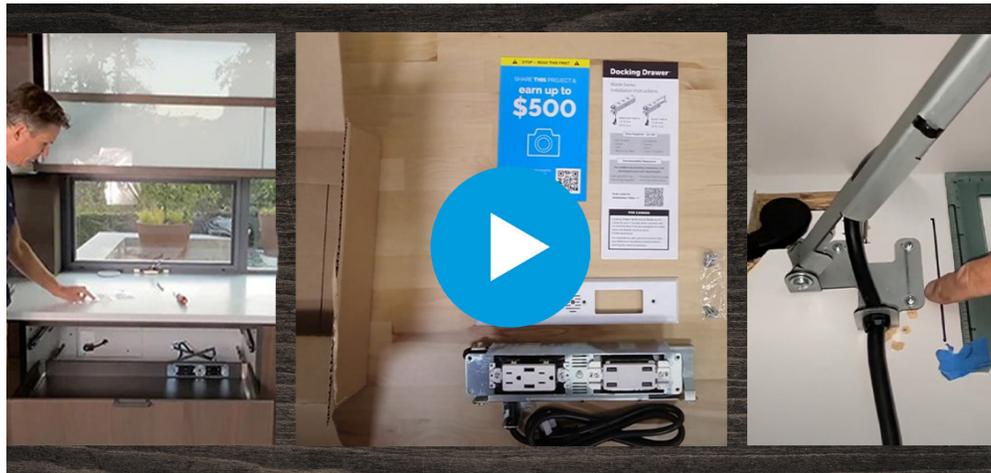
Pro Tip

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
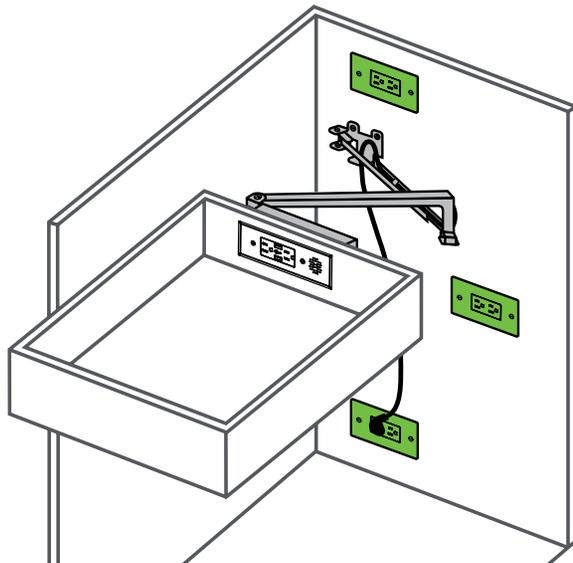
Surface Mounted
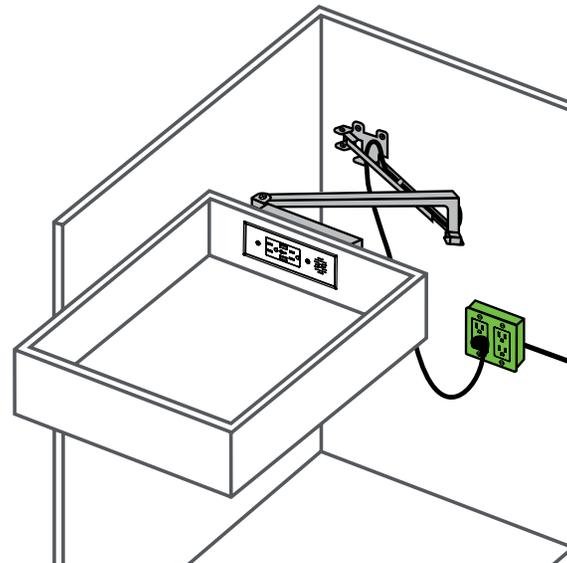
Pro Tip

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

*Items marked in green are not included

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.

15 amp Wall Receptacle

15 amp Blade Series plugs

.5" plug depth
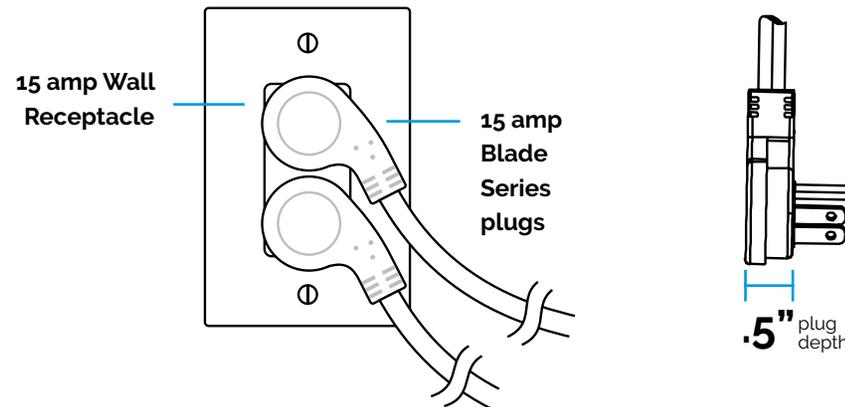
Cord Length - 15 amp

Blade Duo and Blade 1514-XXX in drawer outlets feature a 4.5' long cord.
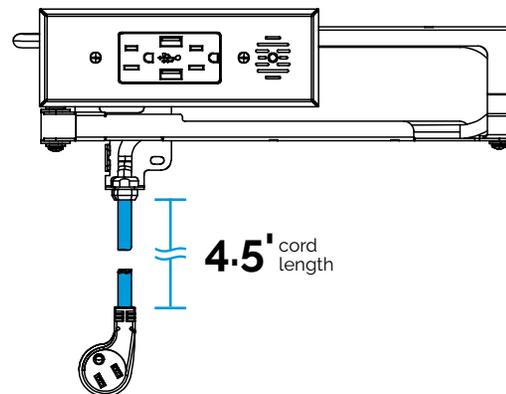
4.5' cord length

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-1514-232

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.

20 amp Wall Receptacle

Phillips Head Screw

20 amp Blade Series plugs

Rotated to ONLY fit in 20 amp receptacles
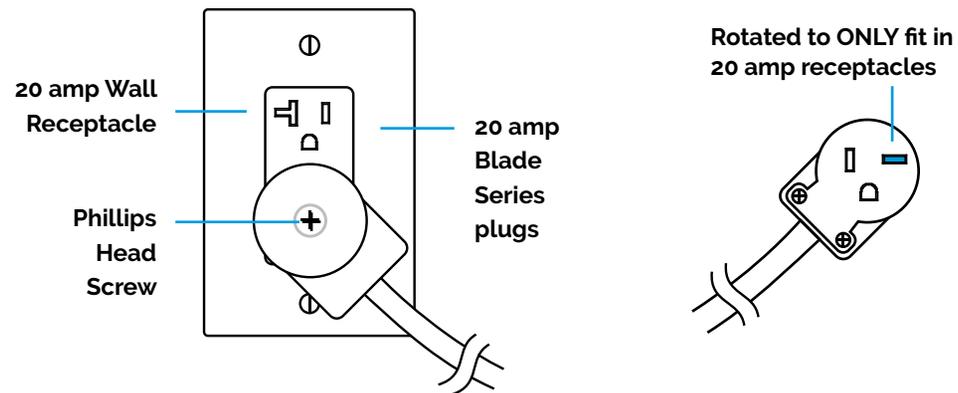
Cord Length - 20 amp

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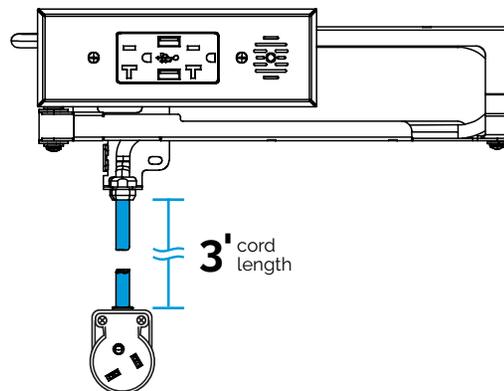
3' cord length

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

GFCI Receptacle — Circuit Breaker Panel
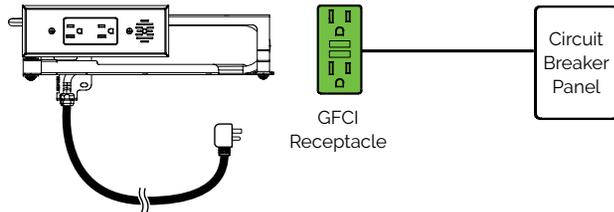
Option 2
Wired in a series with a GFCI outlet

Non GFCI — GFCI Receptacle — Circuit Breaker Panel
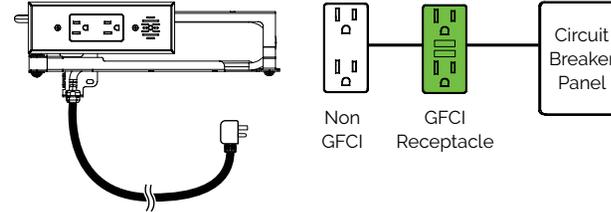
Option 3
Use a Blade Series with GFCI (1514-150)

Non GFCI — Circuit Breaker Panel
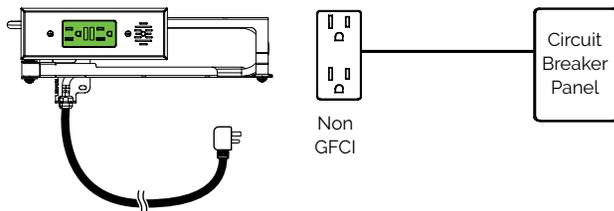
Option 4
Plug into an outlet on a GFCI circuit

Non GFCI — GFCI breaker
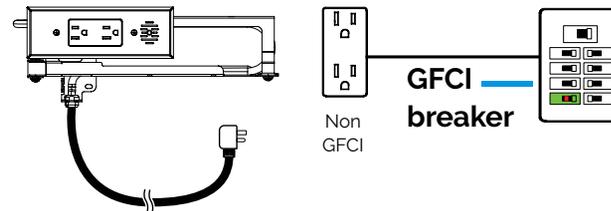
Pro Tip

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

Electrical Installation Guide Surge Protection

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
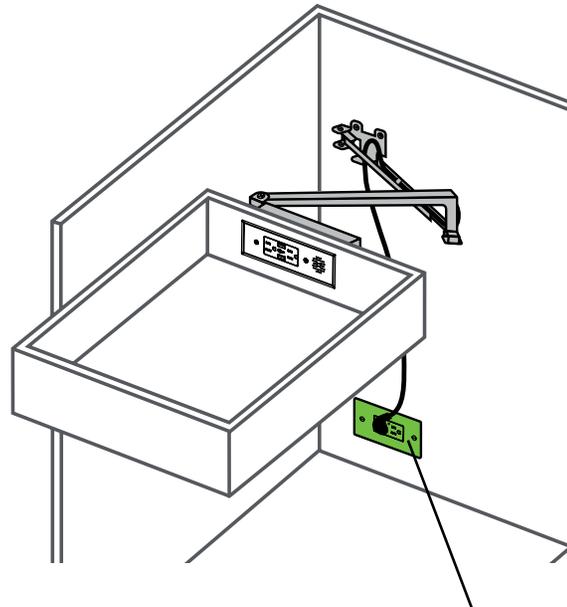
LEVITON 5280-W outlet

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 Certifications

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

Electrical Certifications

Download ETL and CSA Electrical Certifications to share with your electrician or inspector.
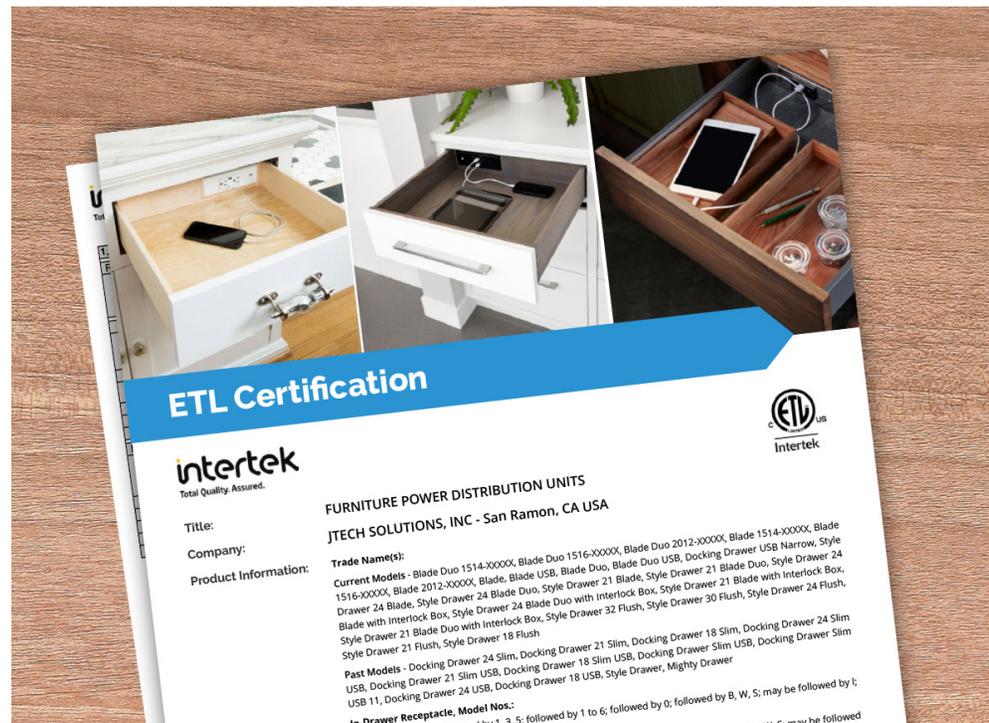
Preconfigured Drawers Spec Book

READY TO INSTALL INTO ANY CABINET

Cabinet Anatomy Framed vs Frameless

Before selecting a Preconfigured Powered Drawer, you will first need to determine whether you're working with framed or frameless cabinetry.

Framed Cabinets

Framed cabinets incorporate a wood frame around the front of the outer edge of the cabinet box.
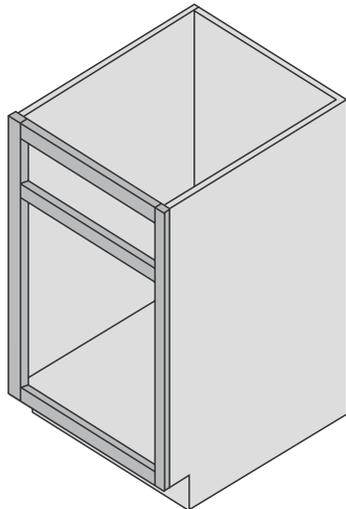
Frameless Cabinets

Frameless cabinets do not have a wood frame, there is no material blocking the cabinet opening.
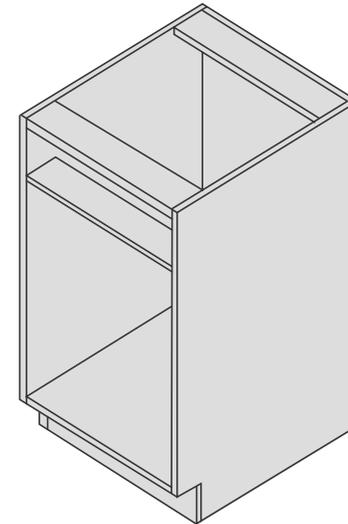
Preconfigured Drawers for Framed Cabinets

Created in partnership with the experts in craftsmanship at Century Components, these preconfigured power drawers come fully equipped with an integrated Docking Drawer outlet, plus functional features like built-in dividers, soft-close slides, stainless steel canisters, acrylic trays and genuine leather inserts.
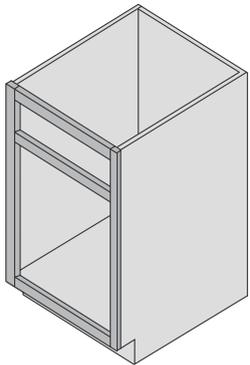
Preconfigured Charging Drawer for Framed Cabinets
GALMPCS14PF

- Available in 15", 18", 21" and 27" widths

- Built-in drawer dividers feature access holes to guide charging cord

- Blum TANDEM undermount slides

Preconfigured Vanity Drawer for Framed Cabinets
GALMPCS14PF-18

- Available in 15" opening widths

- Includes 2 poly trays to organize accessories

- Blum TANDEM undermount slides

Preconfigured Drawers for Frameless Cabinets

Created in partnership with the experts in craftsmanship at Century Components, these preconfigured power drawers come fully equipped with an integrated Docking Drawer outlet, plus functional features like built-in dividers, soft-close slides, stainless steel canisters, acrylic trays and genuine leather inserts.
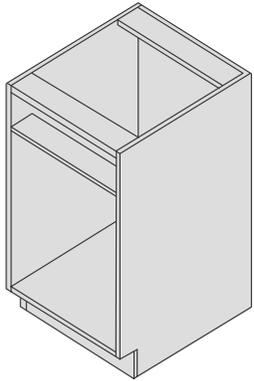
Preconfigured Charging Drawer for Frameless Cabinets
GALMPCS16PF

- Available in 16.5", 19.5", 22.5", 28.5" opening widths

- Built-in drawer dividers feature access holes to guide charging cords

- Blum TANDEM undermount slides

Preconfigured Vanity Drawer for Frameless Cabinets
GALMPCS16PF-18

- Available in 16.5" opening widths

- Includes 2 poly trays to organize your items

- Blum TANDEM undermount slides

Vanity Grooming Organizer

Preconfigured and ready to insert into 9" opening in your cabinetry, this carefully crafted Vanity Grooming Organizer drawer comes complete with an integrated stainless steel Docking Drawer outlet featuring 2 AC outlets, built-in drawer canisters for storing hairdryers, curling and flat irons, and 3 small trays to organize your items.

26.75"
(679.5mm)

18.5"
(470mm)

8.87"
(225.3mm)
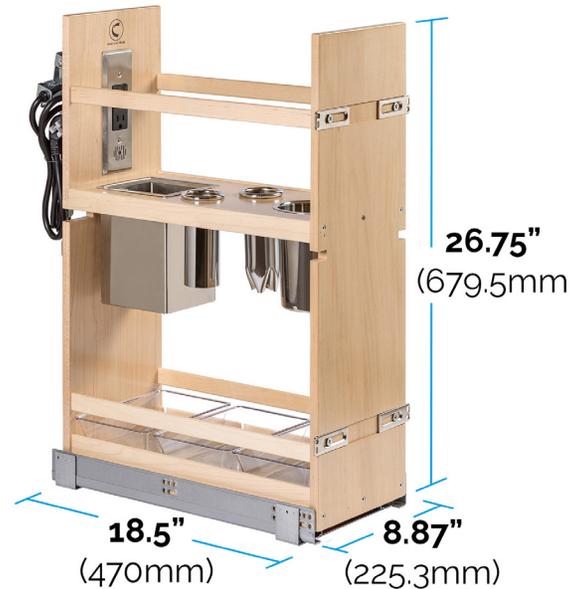
Docking Drawer Blade requires 2" of space behind the drawer box and that has been accounted for.

Preconfigured Vanity Grooming Organizer SIGGO-EL85PF-18

- Available in 9" opening widths

- Includes 4 steel canisters for storing hot tools

- Includes 3 poly trays to organize your items

- Blum TANDEM undermount slides

Safety Interlock Outlets Spec Book

SOLUTIONS FOR ADDED SAFETY

Safety Interlock Outlet Overview

Safety Interlock Outlet Overview

Our family of Safety Outlets was designed to offer an additional layer of safety for electrical applications of various kinds. In this section, you will be introduced to three types of safety outlet solutions.

Safety Interlock Outlets with Blade Limit Switch

The Safety Interlock Outlets with Blade Limit Switch are designed for use with Blade Series in-drawer outlets, to offer an **additional layer of safety for in-drawer outlet applications** such as vanity drawers and appliance drawers where heat-generating devices are connected. The switch senses the drawer's position and will de-energize the outlet when the drawer begins to close.

Safety Interlock Outlets and Safety Interlock Disconnects

The Safety Interlock Outlet and the Safety Interlock Disconnect products were designed to offer an **additional layer of safety for appliance garages** concealed behind a cabinet door. The switch senses the door position and will de-energize the outlet when the door is closed.

Safety Interlock Outlet Comparison Chart

	6015-1000	6020-1000	6120-2001	6015-2001	6020-2001	0290-6120W66	0290-6120W56
Type of Safety Outlet	Safety Interlock Outlet	Safety Interlock Outlet	Safety Interlock Disconnect	Safety Interlock Outlet	Safety Interlock Outlet	Safety Interlock Disconnect	Safety Interlock Disconnect
Type of Limit Switch	Blade Limit Switch	Blade Limit Switch	Corner Mount Limit Switch	Corner Mount Limit Switch	Corner Mount Limit Switch	Corner Mount Limit Switch	Corner Mount Limit Switch
Application	Appliance Drawers & Vanities	Appliance Drawers & Vanities	Appliance Garages	Appliance Garages	Appliance Garages	Appliance Garages	Appliance Garages
AC outlets	1	1	Can include up to 4 (not included)	1	1	4	4
Amps	15 amps	20 amps	Applicable for 15 and 20 amp	15 amps	20 amps	20 amps	20 amps
Requires Blade Series Outlet	Yes	Yes	No	No	No	No	No
Receptacle Finish	White						
Limit Switch Finish	Stainless Steel	Stainless Steel	White, Black	White, Black	White, Black	White, Black	White, Black
Electrical Connection	NEMA 5-15R	NEMA 5-15R	N/A	NEMA 5-15R	NEMA 5-15R	N/A	N/A
Interlock Switch Connector Included	Yes						
ETL Listed	Yes						
Warranty	2 Year						

Part Numbers Safety Interlock Outlets for Vanities

BEST SELLER

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

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

Part Numbers Safety Interlock Outlets for Appliance Garages

**Safety Interlock Disconnect
with Corner Mount Limit Switch**
6120-2001

**20 amp Safety Interlock
Disconnect with
Corner Mount Limit Switch**
0290-6120W66

**20 amp Safety Interlock
Disconnect with
Corner Mount Limit Switch**
0290-6120W56

**15 amp Safety Interlock Outlet
with Corner Mount Limit Switch**
6015-2001W

**20 amp Safety Interlock Outlet
with Corner Mount Limit Switch**
6020-2001W

Part Numbers Safety Interlock Outlets for Appliance Drawers

**15 amp Appliance In-Drawer Outlet
Kit with Blade Limit Switch**
0290-15/266W-1000

**20 amp Appliance In-Drawer Outlet
Kit with Blade Limit Switch**
0290-20/266W-1000

Safety Interlock Outlets for Vanities

Vanities 15 amp Safety Interlock Outlet with Blade Limit Switch

15 amp Safety Interlock Outlet is a single gang electrical outlet featuring one NEMA 5-15 receptacle and one interlock switch connector. The Blade Series Limit Switch mounts to any 15 amp Docking Drawer Blade Series outlet to detect the drawer position and will de-energize the outlet when the drawer starts to close. All Docking Drawer Blade Series Outlets are listed to UL 962a and CSA 22.2 #21, and the Safety Interlock Outlet with Blade Limit Switch is listed to UL 498 and CSA 22.2 #42. The Authorities Having Jurisdiction (AHJ) has the final say on whether an installation meets the requirements of the Canadian Electrical Code.

Safety Interlock Outlet

Blade Limit Switch

Blade Limit Switch
fastens to the rear
mounting bracket of any
15 amp Blade Series
outlet. It is adjustable to
ensure that the switch
detects the 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 General Purpose Limit Switch

Need an Installation Manual?

Download now at dockingdrawer.com/downloads

Need Electrical Listings?

Download now at dockingdrawer.com/downloads

Vanities 20 amp Safety Interlock Outlet with Blade Limit Switch

20 amp Safety Interlock Outlet is a single gang electrical outlet featuring one NEMA 5-20 receptacle and one interlock switch connector. The Blade Series Limit Switch mounts to any 20 amp Docking Drawer Blade Series outlet to detect the drawer position and will de-energize the outlet when the drawer starts to close. All Docking Drawer Blade Series Outlets are listed to UL 962a and CSA 22.2 #21, and the Safety Interlock Outlet with Blade Limit Switch is listed to UL 498 and CSA 22.2 #42. The Authorities Having Jurisdiction (AHJ) has the final say on whether an installation meets the requirements of the Canadian Electrical Code.

Safety Interlock Outlet

Blade Limit Switch

Blade Limit Switch fastens to the rear mounting bracket of any 20 amp Blade Series outlet. It is adjustable to ensure that the switch detects the 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 General Purpose Limit Switch

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Safety Interlock Outlets for Appliance Garages

Appliance Garages Safety Interlock Disconnect with Corner Mount Limit Switch

The Safety Interlock Disconnect with Corner Mount Limit Switch is rated for both 15 and 20 amp applications and is our most customizable solution, with the ability to integrate into a 2 or 3-gang junction box to disconnect and de-energize up to 4 devices. When the cabinet door is closed, the corner mount switch will trigger the disconnect to de-energize the outlet and connected devices.

Safety Interlock Disconnect

with Corner Mount Limit Switch

Corner Mount Limit Switch can install into the corner of the cabinet frame behind the hinged side of the cabinet door.

Safety Interlock Disconnect fits into a standard triple gang junction box

Pro Tip

Most often used in kitchen appliance garages and Canadian installations.

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Appliance Garages Safety Interlock Disconnect Kit with Corner Mount Limit Switch
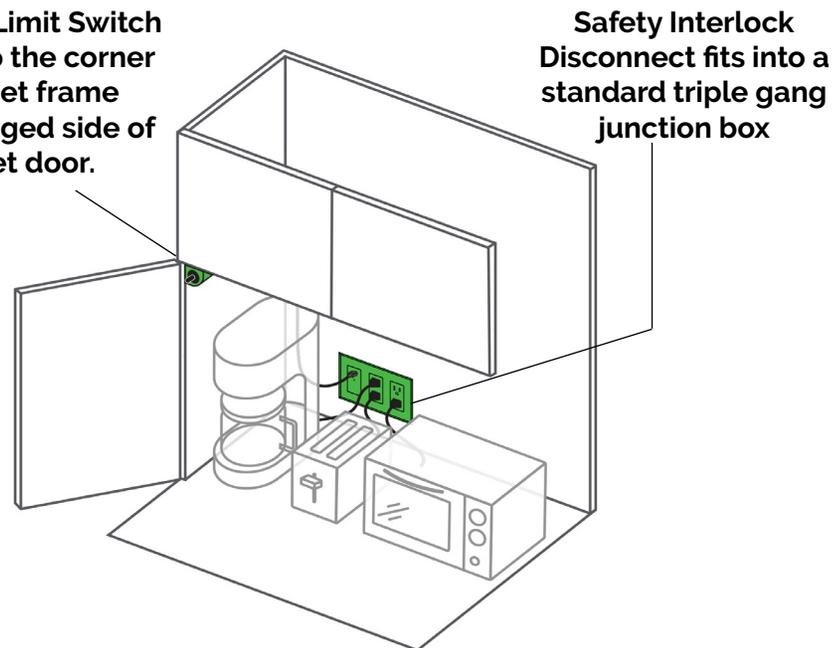
The Safety Interlock Disconnect Kit with Corner Mount Limit Switch is rated for both 15 and 20 amp applications and is our most customizable solution, with the ability to integrate into a 2 or 3-gang junction box to disconnect and de-energize up to 4 devices. When the cabinet door is closed, the corner mount switch will trigger the disconnect to de-energize the outlet and connected devices.

Safety Interlock Disconnect Kit

with Corner Mount Limit Switch

Corner Mount Limit Switch can install into the corner of the cabinet frame behind the hinged side of the cabinet door.

Safety Interlock Disconnect fits into a standard triple gang junction box

ETL LISTED
c US
Intertek

Pro Tip

Most often used in kitchen appliance garages and Canadian installations.

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Need Electrical Listings?

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Appliance Garages 15 amp Safety Interlock Outlet with Corner Mount Limit Switch

15 amp Safety Interlock Outlet - Corner Mount Limit Switch is a single gang electrical outlet featuring one NEMA 5-15 receptacle and one interlock switch connector. Corner Mount Limit Switch mounts inside of enclosed spaces and detects when the door is closed and de-energizes the outlet. Safety Interlock Outlet Corner Mount Limit Switch is listed to UL 498 and CSA 22.2 #42. The Authorities Having Jurisdiction (AHJ) has the final say on whether an installation meets the requirements of the Canadian Electrical Code.

Safety Interlock Outlet

with Corner Mount Limit Switch

Corner Mount Limit Switch can install into the corner of the cabinet frame behind the hinged side of the cabinet door.

Safety Interlock Outlet fits into a standard single gang junction box

Pro Tip

Most often used in kitchen appliance garages and Canadian installations.

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Appliance Garages 20 amp Safety Interlock Outlet with Corner Mount Limit Switch

20 amp Safety Interlock Outlet - Corner Mount Limit Switch is a single gang electrical outlet featuring one NEMA 5-20 receptacle and one interlock switch connector. Corner Mount Limit Switch mounts inside of enclosed spaces and detects when the door is closed and de-energizes the outlet. Safety Interlock Outlet Corner Mount Limit Switch is listed to UL 498 and CSA 22.2 #42. The Authorities Having Jurisdiction (AHJ) has the final say on whether an installation meets the requirements of the Canadian Electrical Code.
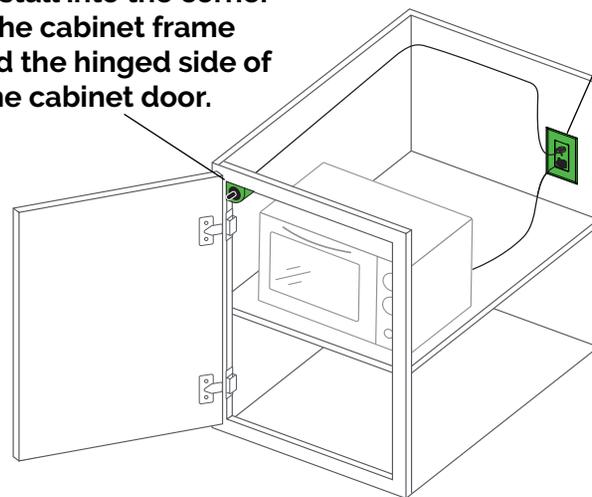
Safety Interlock Outlet

with Corner Mount Limit Switch

Corner Mount Limit Switch can install into the corner of the cabinet frame behind the hinged side of the cabinet door.

Safety Interlock Outlet fits into a standard single gang junction box

Pro Tip

Most often used in kitchen appliance garages and Canadian installations.

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Safety Interlock Outlets for Appliance Drawers

Appliance Drawers 15 amp Appliance In-Drawer Outlet Kit with Blade Limit Switch

15 amp Safety Interlock Outlet is a single gang electrical outlet featuring one NEMA 5-15 receptacle and one interlock switch connector. The Blade Series Limit Switch mounts to any 15 amp Docking Drawer Blade Series outlet to detect the drawer position and will de-energize the outlet when the drawer starts to close. All Docking Drawer Blade Series Outlets are listed to UL 962a and CSA 22.2 #21, and the Safety Interlock Outlet with Blade Limit Switch is listed to UL 498 and CSA 22.2 #42. The Authorities Having Jurisdiction (AHJ) has the final say on whether an installation meets the requirements of the Canadian Electrical Code.
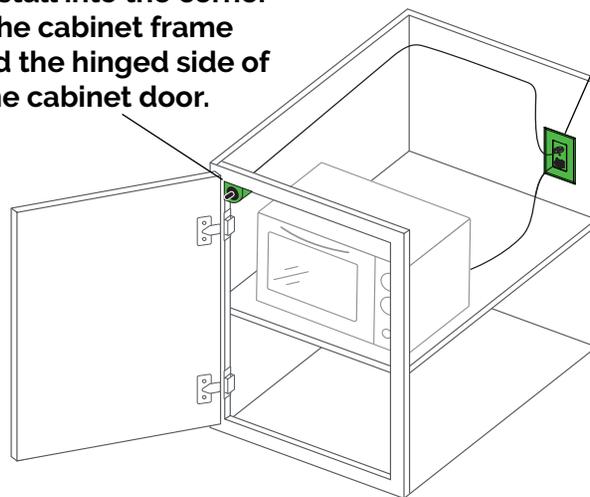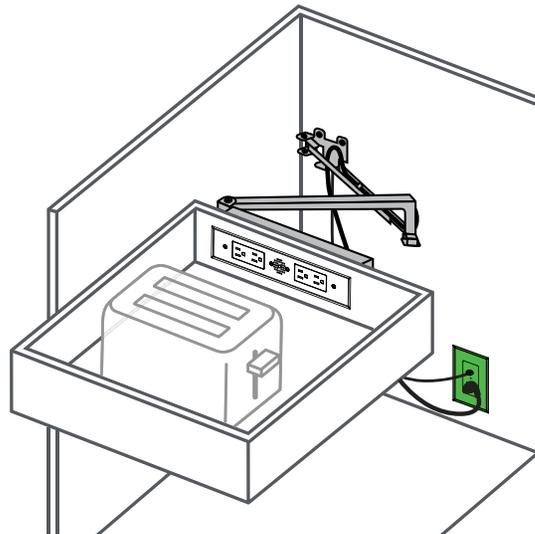
Safety Interlock Outlet

with Blade Limit Switch

Blade Limit Switch fastens to the rear mounting bracket of any 15 amp Blade Series outlet. It is adjustable to ensure that the switch detects the proper drawer position

Pro Tip

Most often used in kitchen appliance drawers and Canadian installations.

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

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Need Electrical Listings?

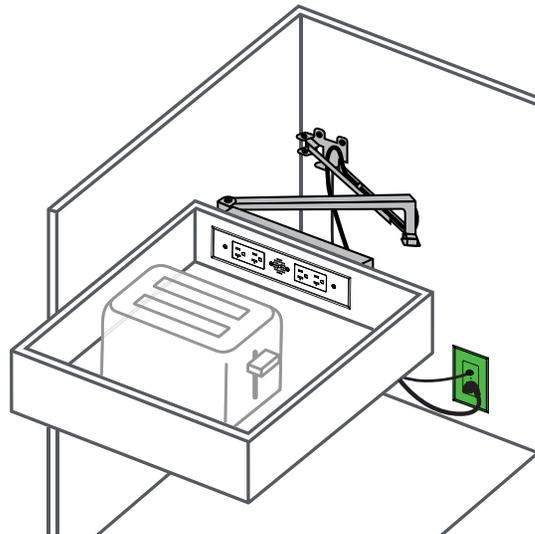Download now at dockingdrawer.com/downloads

Appliance Drawers 20 amp Appliance In-Drawer Outlet Kit with Blade Limit Switch
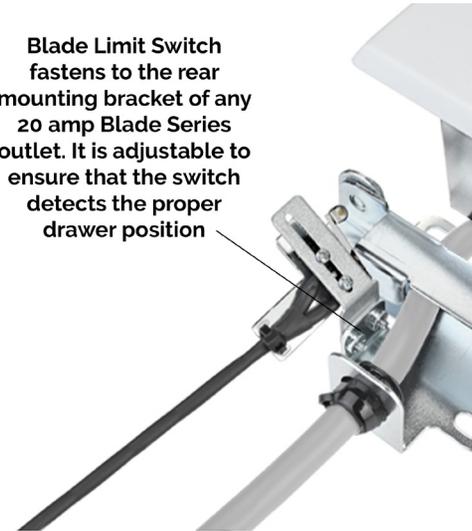
20 amp Safety Interlock Outlet is a single gang electrical outlet featuring one NEMA 5-20 receptacle and one interlock switch connector. The Blade Series Limit Switch mounts to any 20 amp Docking Drawer Blade Series outlet to detect the drawer position and will de-energize the outlet when the drawer starts to close. All Docking Drawer Blade Series Outlets are listed to UL 962a and CSA 22.2 #21, and the Safety Interlock Outlet with Blade Limit Switch is listed to UL 498 and CSA 22.2 #42. The Authorities Having Jurisdiction (AHJ) has the final say on whether an installation meets the requirements of the Canadian Electrical Code.

Safety Interlock Outlet

with Blade Limit Switch

Blade Limit Switch fastens to the rear mounting bracket of any 20 amp Blade Series outlet. It is adjustable to ensure that the switch detects the proper drawer position

Pro Tip

Most often used in kitchen appliance drawers and Canadian installations.

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

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Canisters Spec Book

ELEVATE ANY DRAWER

Docking Drawer Canisters

Create the perfect styling station with Docking Drawer Canisters, featuring a variety of sizes to fit any blow dryer, hair straightener or curling iron. These hot tool holders are made to fit vanity organizers and safely store hot appliances even while they are in use.

Photo by Studio Dearborn

Photo by Studio Dearborn

Pro Tip

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

Docking Drawer Canisters How to Choose

We offer two types of canisters: **Stainless Steel Canisters** are our premium and most flexible solution, featuring a seamless design with a bright, shiny, and corrosion-resistant finish and the ability to easily cap or uncap the bottom (for all but the 5" size), while **Chrome Canisters** are an economical solution that comes in both open and closed-bottom designs.

Comparison Chart

	0024-00502	0024-00503	0024-00505	0024-00005	0024-00030S	0024-00020S	0024-00010S
Width	2"	3"	5"	5"	1.5"	2"	3"
Finish	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Chrome	Chrome	Chrome
Bottom Type	Capped	Capped	Capped	Closed	Open	Open	Open
Height	5"	5"	6.5"	6.5"	4.89"	4.83"	2.85"
Seamless	Yes	Yes	Yes	Yes	No	No	No

Part Numbers for Stainless Steel Docking Drawer Canisters

BEST SELLER

3" Canister
0024-00503

Canister Width	**3"** (76mm)
Cut Out Size	**3"** (76mm)
Canister Height (to bottom of lip)	**5"** (127mm)
Open or Closed bottom?	Capped bottom

R.19 [5]
Ø3.00 [76]
5.00 [127]
R.25 [6]

3"
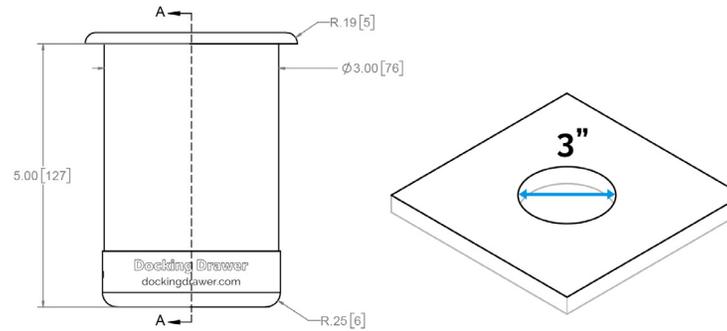
Note: Capped bottom is wider than 3" (3.056")

Pro Tip

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

BEST SELLER

2" Canister
0024-00502

Canister Width	**2"** (51mm)
Cut Out Size	**2"** (51mm)
Canister Height (to bottom of lip)	**5"** (127mm)
Open or Closed bottom?	Capped bottom

R.19 [5]
Ø2.00 [51]
5.00 [127]
R.25 [6]

2"

Note: Capped bottom is wider than 2" (2.054")

Pro Tip

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

5" Canister
0024-00505

Canister Width	**5"** (127mm)
Cut Out Size	**5"** (127mm)
Canister Height (to bottom of lip)	**6.5"** (156.5mm)
Open or Closed bottom?	Capped bottom

(R.20 [5])
(Ø5.00 [127])
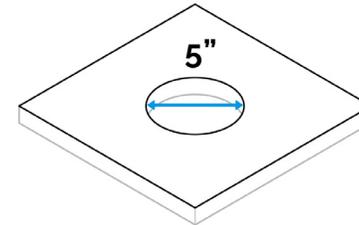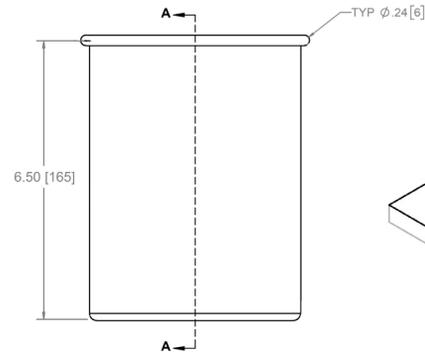6.30 [160]
R.25 [6]

5"
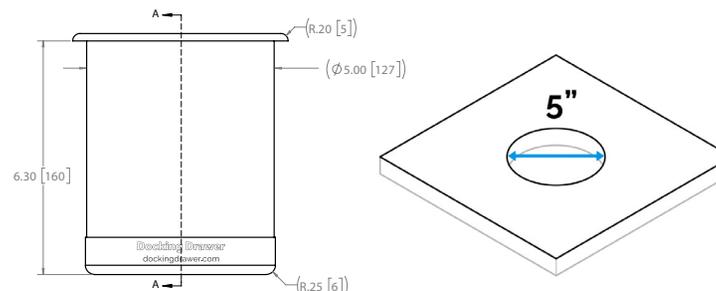
Note: Capped bottom is wider than 5" (5.069")

Pro Tip

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

5" Canister
0024-00005S

Canister Width	**5"** (127mm)	
Cut Out Size	**5"** (127mm)	
Canister Height (to bottom of lip)	**6.5"** (165mm)	
Open or Closed bottom?	Closed bottom	

A ← →
TYP ⌀.24 [6]
6.50 [165]
A ← →

5"

Pro Tip

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

Part Numbers for Chrome Docking Drawer Canisters

3" Canister
0024-00010S

Canister Width	**3"** (76mm)
Cut Out Size	**3"** (76mm)
Canister Height (to bottom of lip)	**2.85"** (72mm)
Open or Closed bottom?	Open bottom
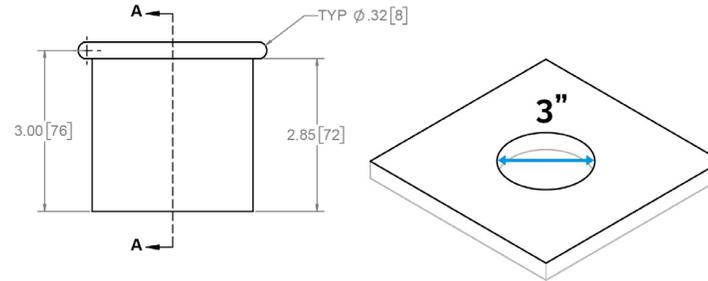
TYP ⌀.32[8]
3.00[76]   2.85[72]
3"

Pro Tip

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

2" Canister
0024-00020S

Canister Width	**2"** (51mm)
Cut Out Size	**2"** (51mm)
Canister Height (to bottom of lip)	**4.83"** (123mm)
Open or Closed bottom?	Open bottom
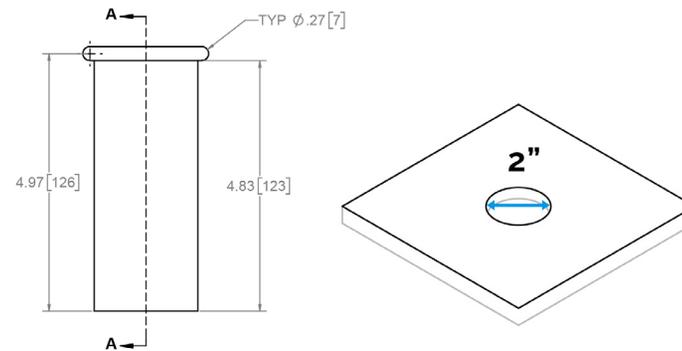
TYP ⌀.27[7]
4.97[126]   4.83[123]
2"

Pro Tip

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1.5" Canister
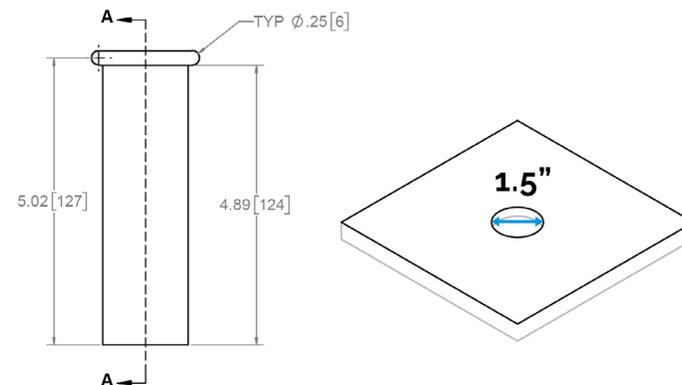### 0024-00030S

Canister Width	**1.5" (**38mm)
Cut Out Size	**1.5"** (38mm)
Canister Height (to bottom of lip)	**4.89"** (124mm)
Open or Closed bottom?	Open bottom

TYP ⌀.25[6]
5.02[127]   4.89[124]
1.5"

Pro Tip

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

Ready to Order?

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

We're Here to Help

sales@dockingdrawer.com

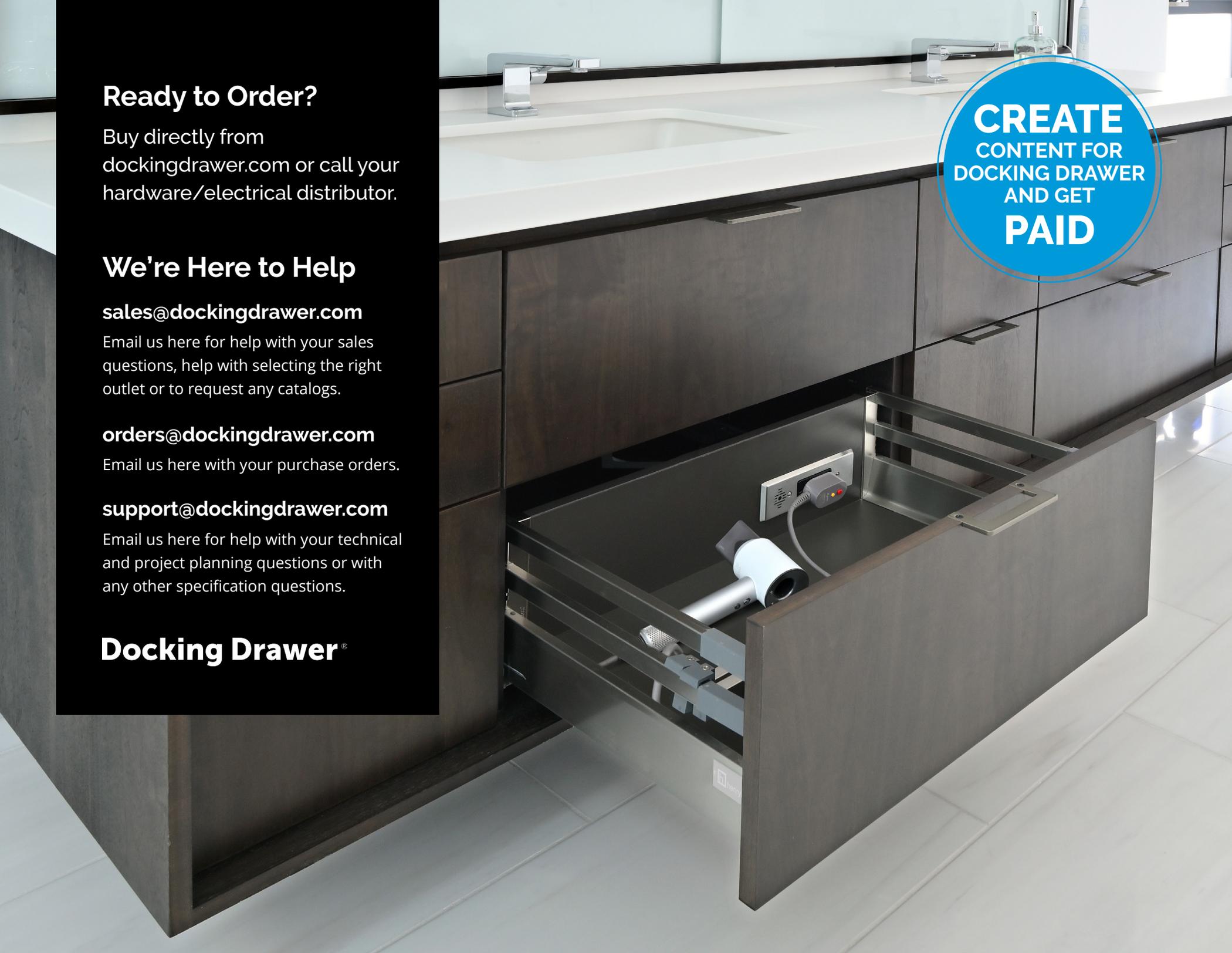Email us here for help with your sales questions, help with selecting the right outlet or to request any catalogs.

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 ®

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CONTENT FOR
DOCKING DRAWER
AND GET
PAID