Kitchen sink installation pdf

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You might be surprised that the most toxic place in your home is right under your kitchen sink. For most of us, it's where we keep our powerhouse cleaning products. Things like bleach, ammonia, tile scrubbers, and other heavy-duty cleaning products. These products are potent—and dangerous. "They're effective cleaning agents because they're reactive substances," says David O. Carpenter, MD, director of the Institute for Health and the Environment at the University at Albany, State University of New York. "You might want that in your kitchen sink, but you don't want it in your lungs." Many common cleaning products are considered hazardous substances and are regulated by the Federal Hazardous Substance Act. Ammonia and chlorine bleach can cause headaches, burn the skin, and irritate the eyes and respiratory tract. Accidentally mixing ammonia and chlorine bleach releases toxic chlorine gas that damages lung tissue and impairs lung function. Also, regularly cleaning with bleach—which generally contains chlorine, classified as a hazardous air pollutant in the 1990 Clean Air Act—is particularly harmful to kids because it can trigger and worsen asthma, Landrigan adds. Thankfully, it's simple to detox your kitchen. Replace potent products under the sink with milder versions from brands like Seventh Generation, Biokleen, and Ecover; they voluntarily list (less toxic) ingredients and banish most germs just as well. "You don't need the cleaning products we used in the past," Carpenter says. "Soap, water, and elbow grease are all you need." Start by swapping the one household cleaner you use most. Each little change will improve the air you breathe. Thanks for your feedback! 2 3 4 5 6 7 8 9 10 Amazon When you buy through our links, Insider may earn an affiliate commission. Learn more. A kitchen sink is a major investment — monetarily, functionally, and aesthetically. A good one can set you back at least a couple hundred dollars, if not more. But as the unsung workhorse in a home, you should buy a sink that can stand up to heavy-duty daily use and will last a long time.In our research, we found the Kraus Standart PRO to be the best overall, but we also have four other recommendations to consider. In addition, you'll find a quick primer on what to consider when shopping for a kitchen sink, at the end of this guide. Learn more about how Insider Reviews tests and researches kitchen products. Here are the best kitchen sinks:The best overall: Kraus Standart PRO 30-Inch 16-Gauge Stainless Steel Kitchen Sink, $286.96 from AmazonBeautiful, spacious, and durable, the Kraus Standart PRO 30-Inch 16-Gauge Undermount Single Bowl Stainless Steel Kitchen Sink helps you get the job done in the kitchen — quietly. The best top-mount sink: Ruvati 33-Inch by 22-Inch Tirana Drop-in Stainless Steel Sink, $369 from AmazonFor those who want a top-mount model, the Ruvati 33-Inch by 22-Inch Tirana Drop-in Stainless Steel Sink offers capacity, quality, sound insulation, and aesthetic beauty. The best granite composite sink: Blanco Performa Cascade Super Single Bowl, $696.92 from AmazonEnjoy the luxury of granite with the Blanco Performa Cascade Super Single Bowl and the convenience of this model's interior ledge. The best double-bowl/basin sink: Zuhne Genoa 32 Undermount Double Bowl 16-Gauge Stainless Steel Kitchen SinkTough and good-looking, the Zuhne Genoa 32 Undermount Double Bowl 16-Gauge Stainless Steel Kitchen Sink is well constructed with decent-sized double bowls for convenient use.The best farmhouse/apron sink: Kraus Standart PRO 33-Inch 16-Gauge Single Bowl Stainless Steel Farmhouse Kitchen Sink, $349.95 from AmazonThe spacious and sturdy Kraus Standart PRO 33-Inch 16-Gauge Single Bowl Stainless Steel Farmhouse Kitchen Sink brings style and practicality to your kitchen.Prices and links are current as of 12/23/21. We removed references to customer reviews because we've found them to be unreliable in the past. We also added a selection of related buying guides. The Home Depot $286.96 from The Home Depot Beautiful, spacious, and durable, the Kraus Standart PRO 30-Inch 16-Gauge Undermount Single Bowl Stainless Steel Kitchen Sink helps you get the job done in the kitchen — quietly. Kraus is a well-known brand in the kitchen sink industry, and the Kraus Standart PRO 30-Inch 16-Gauge Undermount Single Bowl Stainless Steel Kitchen Sink upholds its reputation. Constructed of industrial-grade, T304 16-gauge stainless steel with a commercial-grade satin finish, it resists corrosion and denting. With ample outer dimensions (30 inches wide by 18 inches front to back by 10 inches deep), this single-basin model accommodates large pots and pans as well as piles of dishes. While you may not love washing the dishes, you'll love the roominess and depth that makes doing dishes and working over the sink more convenient. The gorgeous Kraus Standart PRO 30-Inch 16-Gauge Undermount Single Bowl Stainless Steel Kitchen Sink easily matches most kitchens' decor and comes with a grid, a three-piece basket strainer set, and a black kitchen towel marked "Kraus." The grid covers and helps protect the sink's floor from scratching, although some users found this sink easy to scratch. A few also noted appearances of rust spots. Speaking of the floor, it slopes gently toward a drain hole that's positioned closer to the back of the sink in order to provide more usable space. You may have to spray the sink around the edges to encourage food particles toward the drain, but you won't find much standing water once you're done. Thanks to the rounded corners, this sink is quite easy to clean.Another asset is the NoiseDefend technology, which consists of extra-thick pads that cover more than 80% of the sink for added sound and temperature insulation, which means that you won't hear much noise when running the water or garbage disposal. The undermount comes ready for installation in a 33-inch-minimum sink cabinet, including mounting hardware, a cutout template, and instructions.Pros: Large, accommodates large pots and pans, sturdy, easy to clean, good price Cons: Satin finish scratches, water and food particles don't always drain well without rinsing The Home Depot $369.00 from The Home Depot For those who want a top-mount model, the Ruvati 33-Inch by 22-Inch Tirana Drop-in Stainless Steel Sink offers capacity, quality, sound insulation, and aesthetic beauty. The single-bowl Ruvati 33-Inch by 22-Inch Tirana Drop-in Stainless Steel Sink is lovely and large. Its T304 16-gauge stainless steel single bowl with a satin finish is 10 inches deep, 31 inches (interior)/33 inches (exterior) wide, and 18 inches (interior)/22 inches (exterior) front to back. It's spacious, sturdy, and sleek, so it will fit seamlessly into most kitchen decors.Included are a basket strainer for the drain and a grid you put on the sink's floor to protect it from being scratched, though if you're not careful, the grid itself can scratch the floor at the touchpoints. Like most stainless-steel sinks, the Ruvati 33-Inch by 22-Inch Tirana Drop-in Stainless Steel Sink will scratch a bit over time.The floor itself slopes slightly for the water to drain, although it could slope even more. You'll likely have to spend an extra moment spraying any food particles toward the drain. It's also a bit tougher to clean due to its square corners. The Ruvati 33-Inch by 22-Inch Tirana Drop-in Stainless Steel Sink is insulated with thick sound-guard padding and undercoating, which effectively dampens noise from things like faucet water hitting the bottom or the garbage disposal.This top-mount model comes with a cutout template, mounting clips, and an installation guide. It has four pre-drilled holes for faucet and soap dispenser installation. Don't worry if you don't use all four holes; three holes have steel plugs you can use to cover anything that goes unused. Drop-in models are good for DIYers and so is this one.Pros: Roominess, easy installation, good price for high qualityCons: Heavy, can scratch easily, square corners difficult to clean Amazon $696.15 from The Home Depot Enjoy the luxury of granite with the Blanco Performa Cascade Super Single Bowl and the convenience of this model's interior ledge. Internationally recognized German manufacturer Blanco produces high-quality sinks, and the Blanco Performa Cascade Super Single Bowl is no exception. Many of this brand's models earned accolades, but we decided to focus on the Blanco Performa Cascade Super Single Bowl because, in addition to positive reviews, it has a less-common feature: a low divider that separates the large basin (33 inches wide by 19 inches front to back) into two sections. The Blanco Performa Cascade combines the benefits of single- and double-basin sinks. A ledge that's half as tall as the bowl's depth acts as a border between a lower main part (18 inches wide by 17.5 inches front to back by 10 inches deep) and a raised part (12 inches wide by 17.5 inches front to back by 7.75 inches deep). On one hand, you can fill the lower side with water and use it independently of the raised section as if you had a double-bowl sink. On the other hand, if you need more room for large pans or wide serving plates just keep filling it until the water overflows the divider and — voilà — you've converted the sink to a broader single bowl. You can also perch the included mesh colander atop the raised section when washing fruits and veggies.The sink's single drain is in the large section's upper right corner just next to the ledge; this positioning provides ample uninterrupted floor space in the large section as well as easy emptying of liquids dripping from the small ledge, which is convenient for drying veggies and thawing meat. The Blanco Performa Cascade drains well. Made of the brand's "Silgranit," a composite that's 80% solid granite, this sink is very durable and stands up to years of use. It's easy to clean and is scratch- and dirt-resistant. The Blanco Performa Cascade withstands heat up 536°F, and easily stands up to citric and acidic food debris.This elegant sink is available in eight colors: anthracite, biscotti, biscuit, café brown, cinder, truffle, metallic gray, and white. A cutout template and clips are included for undermount installation into a 36-inch-minimum sink cabinet.Pros: Beautiful appearance, durability, a ledge that makes the sink a hybrid of single- and double-bowl modelsCons: Drain not included, pricey but expected for granite sinks, can chip and stain Amazon Tough and good-looking, the Zuhne Genoa 32 Undermount Double Bowl 16-Gauge Stainless Steel Kitchen Sink is well constructed with decent-sized double bowls for convenient use.Made of industrial-grade 16-gauge stainless steel with a satin finish, the Zuhne Genoa 32 Undermount Double Bowl Stainless Steel Kitchen Sink is sturdy yet streamlined and striking. As a 50/50 double-bowl model, this sink has two equal-sized side-by-side basins, each 14.5 inches wide by 17 inches front to back by 10 inches deep. The sink's overall exterior size is 32 inches wide by 19 inches front to back by 10 inches deep. The bowls are deep, which makes them great for storing (and hiding) piles of dirty dishes and containing splashing water.The Zuhne Genoa 32's stainless steel walls and floor are 25% thicker and heavier than comparable products and thus resistant to dents, scratches, and corrosion. The sink comes with two grids that can help further prevent scratches. Each bowl has its own drain hole, positioned toward the back wall to allow for more floor space. This way, when you put items down in the sink, you are less likely to cover the drain holes. The floor slopes to drain the water quickly and well. Two stainless steel basket strainers are included.The Zuhne Genoa 32 is easy to clean and wipe down. It has thick insulation to absorb sound. The insulation also mitigates temperature changes that lead to condensation, which can damage the sink's cabinet. This undermount sink comes with mounting hardware and a template.Pros: Great price, convenient double-bowl design, heavy-duty qualityCons: Can scratch easily Amazon The spacious and sturdy Kraus Standart PRO 33-Inch 16-Gauge Single Bowl Stainless Steel Farmhouse Kitchen Sink brings style and practicality to your kitchen.The Kraus Standart PRO 33-Inch 16-Gauge Single Bowl Stainless Steel Farmhouse Kitchen Sink confronts users with its smooth façade made — like the rest of the basin — of industrial-grade, T304 16-gauge stainless steel with a commercial-grade satin finish. Think of this gorgeous farmhouse sink's front wall as an apron signaling that it's ready to get to work.The front apron and interior are strong, durable, and dent-resistant. As expected with stainless steel sinks, this model can get scratched, but scratches inside this huge, heavy-duty basin usually aren't very noticeable, at least less so than scratches on the front. This sink comes with a grid to help protect the floor from getting scratched, a three-piece basket strainer set, and a Kraus kitchen towel. Deep and spacious, this sink is 33 inches wide, 20.75 inches front to back, and 10 inches deep on the outside and 30 inches wide, 16 inches front to back, 10 inches deep on the inside. You can easily stand tall pots and lay cookie sheets in this sink.The Kraus Standart PRO 33-Inch 16-Gauge Single Bowl Stainless Steel Farmhouse Kitchen Sink has grooves that direct water toward the drain. The drain hole is positioned toward the back of the sink instead of the center, creating more floor workspace in the sink and storage space in the sink's cabinet.The Kraus Standart PRO Farmhouse Kitchen Sink has NoiseDefend technology, consisting of extra-thick pads that cover more than over 80% of the sink for sound insulation. Noises from the garbage disposal running and water hitting the bottom are muffled. This sink has three mounting options — under, top, and flush — and requires a minimum cabinet size of 33 inches. Pros: Huge size, durability, striking appearanceCons: Pricey, heavy Amazon As one of the most heavily used household fixtures, your kitchen faucet needs to be highly functional, durable, efficient, and convenient — all while looking great. These are the best kitchen faucets.The best refrigeratorsEvery kitchen needs a good refrigerator and finding one that's energy-efficient, budget-friendly, and spacious enough to hold your weekly grocery haul is key. These are the best refrigerators for your kitchen.The best dishwashersHigh-quality dishwashers leave your dishes sparkling clean and dry while efficiently using water and electricity. Here are the best dishwashers you can buy.The best microwavesA good microwave will heat food quickly and evenly saving you plenty of time in the kitchen. These are our top picks for the best microwaves. 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