



Dryerbox 425



These simple yet innovative products saves space in the laundry room, allows the clothes dryer to operate more efficiently and reduces a common household fire hazard. The DryerBox provides a variety of benefits to both the homeowner and building and design trades.

Benefits to the homeowner include:

- Adding a net gain of one square foot of living space in the laundry or utility room (providing more work space, better traffic flow, etc.)
- Allowing the dryer to be moved back against the wall, providing a neater, more attractive appearance for homeowners
- Decreasing the fire hazard associated with dryers by eliminating the likely accumulation of lint in the exhaust hose
- Eliminates space behind the dryer so that dust and lint don't collect and socks and other items don't get trapped
- Increases the efficiency of the dryer so that clothes dry faster with less tumbling
- Saves approximately \$6 per year in energy costs:

Benefits to the builder, architect and subcontractor include:

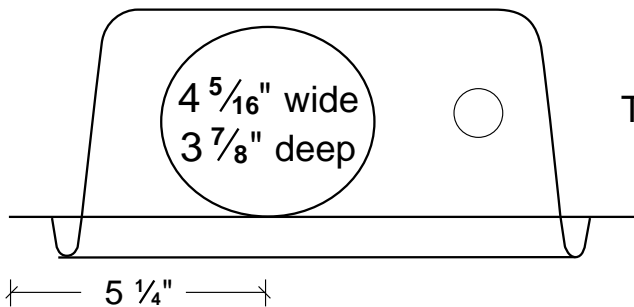
- Removing the need for a 90-degree bend penetrating the drywall, thereby giving the HVAC contractor five additional linear feet of duct run allowance and eliminating likely punch-out work
- Providing builders with a competitive advantage by offering their customers a more streamlined, attractive laundry room that actually appears larger
- Virtually eliminating dryer-related service callbacks
- Requiring no additional framing, facilitating a quick and simple installation

More Benefits:

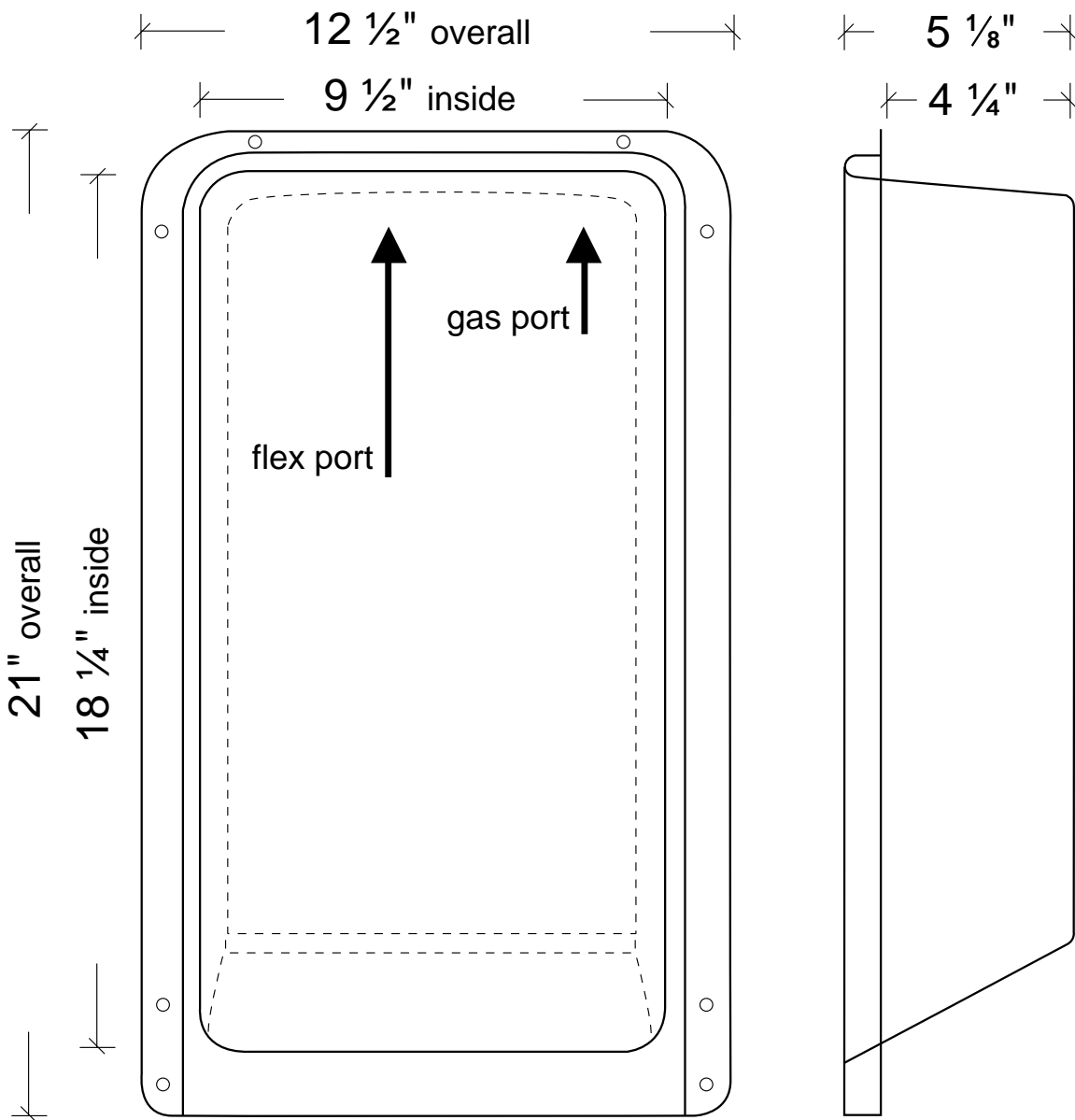
- Locate the dryer right up against the wall
- Flex is protected from getting squished
- No trim-ring piece is needed
- Lint build-up is minimized
- Efficiency is increased
- "Elbow eliminator" - gain 5 foot of duct run
- Doubles as gas connection receptacle
- Can be installed in One-Hour wall
- Meets code requirements as a clean-out
- Surface is paintable, no masking needed
- Applauded by building inspectors
- Prevents costly punch-out work to damaged 90
- Eliminates mold potential



Dryerbox 425



Top Panel View





- ✓ Save Space
- ✓ Save Energy
- ✓ Reduce Fire Hazard

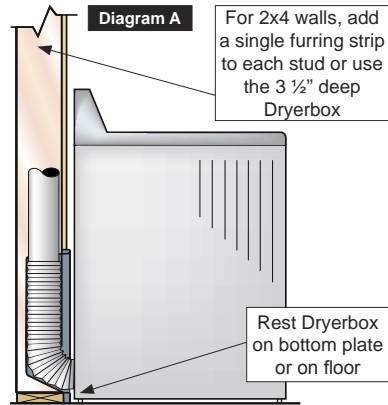
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—WARNING—
Sharp Edges



Installation Instructions

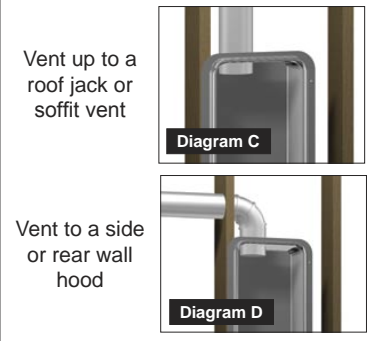
- All standard American clothes dryers have an exhaust port in the center of the rear panel **at the very bottom**. Therefore, it is best to install the Dryerbox® as low as possible so that the bottom tab is at or slightly below the finished floor level (Diagram A)—not applicable if stackable unit or on a pedestal.
- Attach Dryerbox® to stud and bottom plate at a minimum of 3 corners with drywall screws.
- We strongly recommend that the Dryerbox® be installed with the port up, although it will work lying on its side. Do not install with the port down unless the dryer is a stackable unit or on a pedestal. For downward exhaust direction use the “Down-Box™” Model 4D or 3D (more information online).
- When installing the 4 ¼” deep Dryerbox® (Model 425) into a 2x4 wall, fir out the respective wall ¾” with a 1x2 furring strip to provide adequate depth or use the 3 ½” Model 350.
- When installing in an exterior frame wall, you should add insulation or duct board to the back-side of the box to minimize condensation and temperature transfer.
- To achieve a fire resistance rating (one-hour F & T) 2X6 wood framing is required. The Dryerbox unit must be installed in accordance with the UL Cabinet System listing. An extra layer of type-X drywall must be installed in the ID of the stud cavity in which the Dryerbox is located. Drywall must be attached to nailers (minimum 1” X 2”) located on the inside of the cavity wall studs. Secure nailers to wall framing at max 18 in. OC. The screws used to attach the inner layer of drywall shall be spaced a maximum of 18 inches apart. The entire depth of stud cavity with Dryerbox® must be filled with R19 fiberglass batt insulation. Additional insulation shall be added within the cavity as necessary to completely fill all voids around the periphery of the Dryer box and around the dryer vent pipe.
- Gas line termination options: For black iron pipe, wrap vinyl tape around throat where it penetrates. For corrugated stainless steel tubing, secure the CSST Termination Fitting with a Jamb nut to securely affix the termination to the receptacle. The gas port can be enlarged or relocated easily with a step bit.
- The new Duct Support Tab (Diagram B) in top port will assist in maintaining the ideal penetration length of the 4” Snaplock rigid conduit of 2 inches. Create a “hook” by bending the tab at the weakened or scored locations. Break-away when duct is fully supported in-place. Seal penetration with foil tape or sealant caulk.
- The snaplock pipe can be vented straight up to a roof jack (Diagram C), to a side-wall vent hood (Diagram D) or downwards to a crawl space or floor joist system with two elbows. The width of box and width of snaplock pipe will facilitate 16” o.c. stud spacing. **Do not turn this box upside down unless stackable unit or on pedestal.** Use the Model 4D or 3D to go down.
- Use a Roto-zip-bit router tool to cut the drywall leaving a **caulk joint** for the painter (Diagram E). It is best to **caulk or mud this void** (required for One-Hour Rating).
- The baseboard is best terminated with a tapered back-cut into the rim extension on either side of box (Diagram E).
- Exposed metal can be left unpainted or can be sprayed with an acrylic latex or oil-based (alkyd) paint when the rest of the wall, trim or baseboard is painted.



Install box as low as possible and as near to the center of the proposed dryer



Venting Options



Zip-bit cut drywall and then caulk (preferred) or mud

Butt baseboard to rim and back-cut slightly

Install Dryerbox on bottom plate or floor near center of appliance