

EXCELPrime

18" Clearance Stove Pipe

INSTALLATION AND MAINTENANCE INSTRUCTIONS

A MAJOR CAUSE OF CHIMNEY RELATED FIRES IS FAILURE TO MAINTAIN REQUIRED CLEARANCES (AIR SPACE) TO COMBUSTIBLE MATERIALS. IT IS OF UTMOST IMPORTANCE THAT THIS CONNECTOR BE INSTALLED ONLY IN ACCORDANCE WITH THESE INSTRUCTIONS.

Allowable Flue Gas Temperatures

Maximum Continuous	1200°F	650°C
Brief Forced Firing	1700°F	925°C
Tested To	2100°F	1150°C

EXCELPrime is used to connect a solid, liquid and gas fired appliances, including wood burning stoves, freestanding fireplaces, and furnaces to a pre-fabricated metal or masonry chimney. EXCELPrime is intended for interior use only.

Contact local building or fire officials about local restrictions and building inspections in your area.

Always follow the wood burning stove manufacturer's installation instructions.

Keep these installation and operating instructions in a safe location for future reference.

EXCELPrime has been tested and listed by
Intertek Testing Services as per Standard ULC-S641
ETL Listing #4005717



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INSTALLATION NOTES

If you are planning to install a wood stove, we recommend that you:

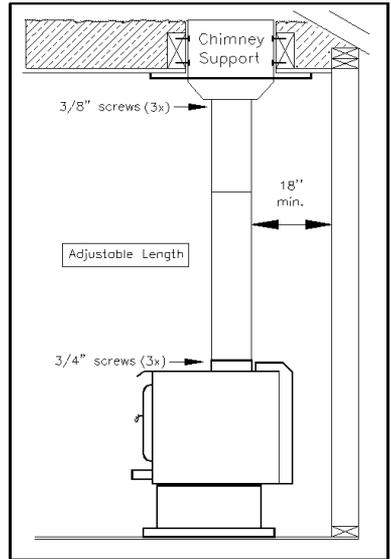
1. Install the stove and stove pipe as described in the Installation Instructions accompanying the stove. **BE CERTAIN TO MAINTAIN THE REQUIRED CLEARANCES TO COMBUSTIBLE CONSTRUCTION.**
2. Keep your flue gases between 300° and 500°F. This will maximize efficiency while minimizing condensation and creosote formation.
3. Do not burn sea driftwood and treated lumber.
4. Clearance to EXCELPrime can be reduced when combined with listed EXCELPrime heat shields. Refer to heat shield instructions for details.
5. EXCELPrime is made of coated plain steel. Its durability is limited for coal installation.
6. Have your chimney cleaned by a qualified chimney sweep. If you want to clean your chimney yourself, then clean your chimney using a properly fitting nylon or steel brush. Do not use a brush that will scratch the stainless steel interior of the chimney. Use of an oversize brush may damage the chimney.
7. Do not expect chemical chimney cleaners to keep your stove pipe clean. Their use does not negate the necessity of periodically inspecting and cleaning your chimney.
8. After a chimney fire, do not use the stove again until your chimney and stove pipe have been inspected by a qualified chimney sweep or Fire Department Inspector.
9. Do not enclose this stove pipe. It must not pass through floors, attics, closets, walls or ceilings.
10. EXCELPrime must not exceed 10 feet in length and a maximum of two 90 degrees elbow is permitted.
11. If you plan to connect EXCELPrime to a masonry chimney you should have the chimney checked by a qualified chimney sweep. Masonry chimneys should only be used if they are in good condition and meet local building code.

STRAIGHT UP INSTALLATION

For most straight up installations the only part required is an adjustable length (SWA). The SWA adjusts to allow any overall length from 40" to 68". The SWA is packed in two pieces.

Pick up the section with the expanded top and slide it into the section with the shrunk bottom. Do not drop the length or it may become stuck.

1. Set the adjustable length so that the shrunk bottom fits into the flue collar of the stove. Screw the pipe to the flue collar with three 3/4" metal screws. The black screws provided are self drilling and will not normally need a pilot hole for steel stove collars.



2. Slide the top length of the SWA up over the chimney pipe adapter at the bottom of the chimney support. Connect it to the adapter with three 3/8" metal screws provided.
3. If the system is straight (i.e. no elbows), then it is not recommended to fasten the slip joint in SWA to allow for expansion.
4. If you require additional height you may add lengths above or below the adjustable length. Always install the shrunk end on the bottom. Screw two lengths of EXCELPrime together with the 3/8" metal screws provided.

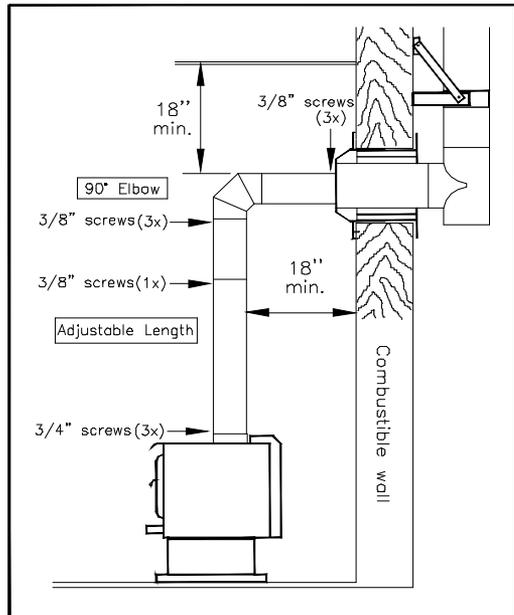
90° ELBOW INSTALLATION

When connecting EXCELPrime to a chimney at the wall, there are multiple choices for 90° elbows (SW90, SW90C, SW90S & SWA90).

	SW90	SW90C	SW90S	SWA90
SW90 - 90° elbow SW90C - Clean Out Elbow SW90S - Slip Elbow SWA90 - Adjustable Elbow				

Most 90° elbow installations only require an elbow and the adjustable length (SWA). If the height from the top of the stove to the top of the elbow is less than 48", then you will require a shorter length and a slip section or the slip elbow. Depending on the wall construction you may also require a short length between the wall and the elbow to ensure safe clearances.

1. Assemble the adjustable length (see instruction for straight up installation).
2. Screw the 90° elbow to the adjustable length using the 3/8" metal screws provided.
3. Set the adjustable length so that the shrunk bottom fits into the flue collar of the stove. Screw the pipe to the flue collar with three 3/4" metal screws. The black screws provided are self drilling and will not normally need a pilot hole for steel stove collars.



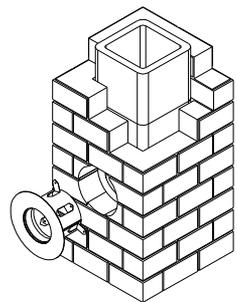
4. Extend the adjustable length up until the 90° elbow reaches the chimney pipe adapter. Screw the elbow to the adapter using the three 3/8" metal screws provided.
5. Screw the two sections of the adjustable length together using at least one 3/8" metal screw provided.

MASONRY CHIMNEYS

Connecting to an existing masonry chimney with EXCELPrime requires a masonry adapter (SWM).

To block off a vacant opening into a masonry chimney you can use the masonry plug (SWMP). Follow step 1 below for installation.

1. Install the Masonry Adapter (SWM). Bend the tabs outwards and press the Masonry Adapter firmly into the existing thimble of the masonry chimney. The tabs will secure it in place.
2. Insert a length of EXCELPrime into the opening of the masonry adapter. The length should pass all the way through the adapter and extend into the flue of the masonry chimney. Secure the length in place by screwing into the tabs on the masonry adapter.

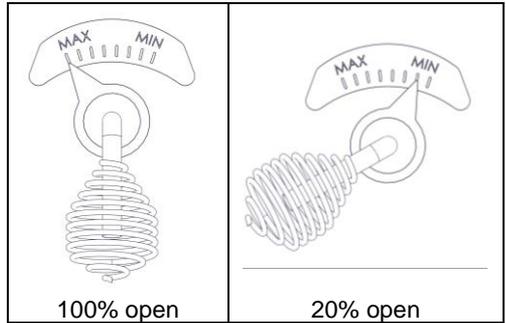


DAMPER INSTALLATION (UBD)

The damper (SWD) allows you to control the air drawn through the chimney and controls your stove's combustion.

When the handle is in the vertical position, the damper is fully open, allowing the maximum volume of combustion gases to flow.

Rotating the handle restricts combustion gas flow and slows the combustion process in the stove. Minimum setting is 20% open.



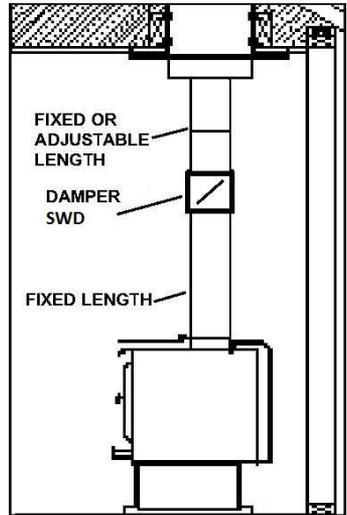
Rules to follow

- The damper must be installed in a vertical run of EXCELPrime and never on a horizontal run.

Installation

The SWD damper is installed like a normal length of ULTRABlack.

1. Install a fixed section of EXCELPrime onto the flue collar of the appliance and secure using three 1/2" metal screws.
2. Install the SWD damper on this section with the seam to the back, ensuring that the handle is located to the right of the chimney. Secure to the lower connector using the three screws provided.
3. Complete the installation by following the instructions for either a vertical chimney or a chimney with elbows.



Note: Plan the fixed and adjustable measurements that you will require in advance. Adjustable or slip sections should always be installed above a SWD. A slip section cannot be installed directly onto the SWD.

Barometric Damper Adapter

If adding a barometric damper to your system, the Barometric Damper Adapter (SWBA) permits a tee to connect to a barometric damper. Connect the SWBA to the snout of the tee with the screws provided and then connect barometric damper to the opposite end of the SWBA.



5 YEAR WARRANTY

EXCELPrime Chimney Connector

ICC warrants its EXCELPrime chimney connector lengths to be free from functional failure due to defects in material or workmanship for a period of five years. This warranty provides for replacement of any connector lengths which fail as a result of normal use on a residential freestanding fireplace, wood burning stove, furnace or boiler. This warranty does not cover damage caused to the building by chimney fires or misuse of the product.

ICC will only be responsible for repair or replacement of any connector lengths found to be defective under this warranty. In no event shall ICC be responsible for any incidental or consequential damage caused by defects in the EXCELPrime chimney connector.

To obtain service under this warranty the defective connector should be returned to the dealer from whom it was purchased. If you are unable to return the connector to the original dealer contact ICC for the name of the closest dealer who can assist you. ICC will not be responsible for shipping charges related to warranty replacements. ICC will repair or replace any lengths which, upon examination by an authorized agent of ICC, prove to be defective.

ICC will not be responsible for labour of any kind required in the removal or replacement of an EXCELPrime part replaced under this warranty.

This connector is designed to vent residential heating oil, untreated wood, low sulphur coal, and natural or LP gas. It is designed to operate at a continuous temperature of 1200°F or less. This warranty is void if the connector is used in an application for which it is not designed.

The EXCELPrime system must be installed according to the Installation Instructions included with every system at the time of purchase, if you do not have a set of installation instructions they are available free upon request. This warranty is void if the connector is not installed according to the installation instructions.

This warranty may not be extended or modified by our agents or representatives. This warranty is in lieu of all other express warranties or guarantees, of any kind.

