

Standard PIPE Exhaust Diagram Coffee Roasters

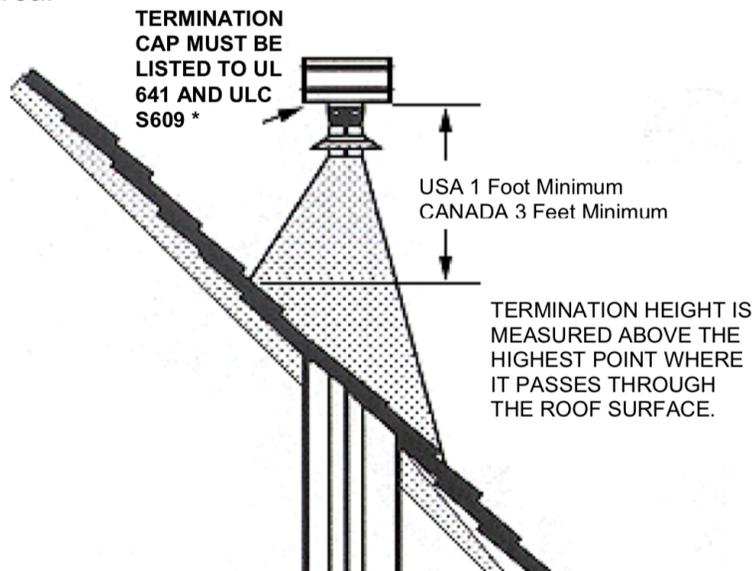
Listed below is standard pipe exhaust installation required for Commercial coffee Roasters. Our smaller roasters that have 3" piping can use inexpensive Pellet Stove pipe kits which are rated for high heat exhaust:

STANDARD EXHAUST THROUGH THE ROOF:

Site Built Residential Home

Chimney Height Requirements

The vent termination height required is - USA, 1-foot minimum; Canada 3-feet minimum above the roof penetration point as illustrated below (Ref. USA - National Standard, NFPA 211, Clause 7-4.1 and Canada National Standard CSA B365-01, Clause 5.6). Check with your local building official for additional requirements for your area.

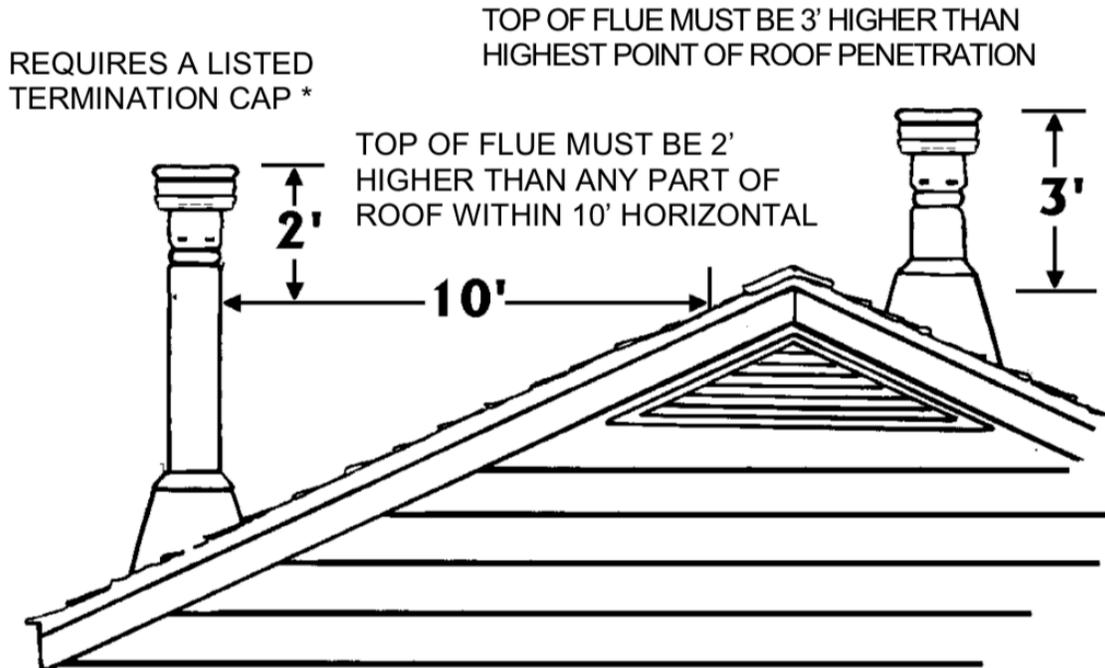


Manufactured (Mobile) Home **Chimney Height Requirements**

The chimney must extend 3' (.92m) above the level of roof penetration and a minimum of 2' (.61m) higher than any roof surface within 10' (3m) (see below). Check with your local building officials for additional requirements for your area.

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STANDARD EXHAUST THROUGH THE ROOF (CONTINUED):



To pass inspection in nearly any jurisdiction, the chimney must meet both safety and exhaust flow requirements. The (3' by 2' by 10' rule applies to both masonry and factory built chimneys.

IMPORTANT NOTE ON ROASTER EXHAUSTS:

THESE DIAGRAMS SHOW ONLY ONE EXHAUST PIPE WHEREAS MOST ROASTERS HAVE TWO EXHAUSTS:

1. MAIN EXHAUST OFF CHAFF UNIT
2. EXHAUST OFF COOLING TRAY

YOU CAN CHOOSE TO RUN TWO EXHAUST PIPES OUT BUILDING OR IF YOU PREFER CAN RUN THE COOLING TRAY EXHAUST INTO MAIN EXHAUST AFTER CHAFF UNIT USING AN APPROVED BACKDRAFT DAMPER OR BLAST DAMPER WHICH WILL BE SHUT CLOSED WHEN THE COOLING FAN IS OFF TO AVOID SMOKE CHANNELING BACK INTO COOLING TRAY (SEE MANUAL FOR MORE DETAILS)

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STANDARD EXHAUST THROUGH THE WALL:

- A- 90 DEGREE ELBOW**
- B- 1' HORIZONTAL PIPE**
- C- 45 DEGREE ELBOW**
- D- STANDOFF BRACES**
- H- WALL THIMBLE**
- E- 8' VERTICAL PIPE**
- F- 2' HORIZONTAL PIPE**
- G- 90 DEGREE TEE**

