

Canyon™ Model C310T-B



Appliance Specifications - Masonry Wood Fireplace Insert

Product Reference Information			
Cat. No.	Description	Ship. Weight	Ship. Volume
H7894	C310T-B, Wood Fireplace Insert, Traditional Black Door, Nickel Nameplate	520 lb.s	17.4 cu. ft.

Specifications

Chimney Diameter	8" (203mm) or optional 6" (152mm) *
Log Length	22-1/2" Max./20" Recommended
Firebox	22-1/2"W x 19-1/2"D (572mm W x 495mm D)
DEQ Efficiency	68.8%
Heating Capacity	1,600-3,000 sq. ft
Max. Heat Output	84,500 BTUs/hr.
Max. Burn Times	7-12 hrs.
Insert Front Width	28"
Insert Front Height	20-1/2"
Rear Width	28-1/2"
Rear Height	22-1/2"

* Requires P/N 71163 reducer (8" to 6")

Optional Accessories

- Surround Panel Kits - Various sizes offered, 29" x 40", 29" x 48", 33" x 40" or 33" x 48". Trim available in gold, nickel and black.
- Faceplates - Available in traditional black, gold, nickel or brushed nickel.
- Handles - gold or nickel
- Thermal Activated Blowers (225-CFM) - available in black, gold, nickel, brushed gold and brushed nickel finishes.

Options

NOTES:

- Diagrams, illustrations and photographs are not to scale – consult installation instructions. Product designs, materials, dimensions, specifications, colors and prices are subject to change or discontinuance without notice.
- Dimensions shown are approximations only (+/- 1/4")
- Square-foot heating capacities are approximations only. Actual performance may vary depending upon home design and insulation, ceiling heights, climate, condition and type of fuel used, appliance location, burn rate, accessories chosen, chimney installation and how the appliance is operated.

Notes

Insert



Canyon™ C310

Canyon™ Model C310 inserts are safety listed with the following agency:

- Listing Agency: PFS Corporation. Listed to UL 1482, ULC S628

Listing



Report No. 14-183

EPA certification test emission value 3.5 g/hr per 2015 standard

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Hearth

Hearth Protection

The hearth and/or floor protection must be a thermally rated non-combustible hearth/floor protector meeting or exceeding a thermal rating of $k=84$ or equivalent with a listed thickness of 3/4" (19mm) minimum in USA and Canada. The covering must extend 24" (610mm) in front of the heater and 8" (200mm) to either side (measured from door opening in the USA and measured from the side of the unit in Canada).

Model	*A	*B	*C	*D	E(1)
C310	USA-30" CAN-787mm	USA-20" CAN-584mm	20" 508mm	15" 381mm	8" 200mm
C310 with mantel and/or side shields	22" 559mm	12" 305mm	20" 508mm	8" 200mm	8" 200mm

Clearances

Model	F (1)	G	H	J(2)	M
C310	24" 610mm	14-1/2" 368mm	22-1/2" 572mm	5-1/4" 133mm	50-1/2" 1283mm
C310 with mantel and/or side shields	24" 610mm	14-1/2" 368mm	22-1/2" 572mm	5-1/4" 133mm	50-1/2" 1283mm

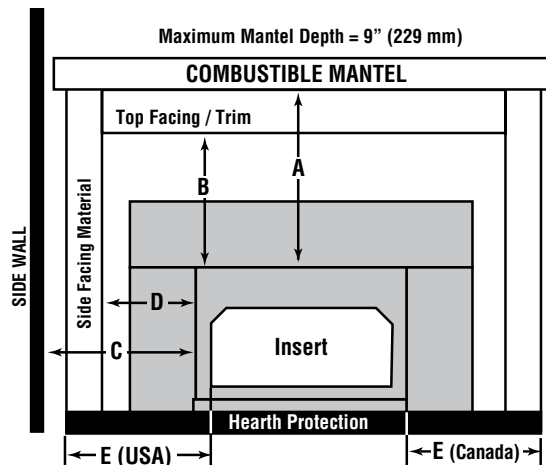
* Reduced clearances may be available for A, B, C and D dimensions per NFPA 211 - latest edition, Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances (in Canada CSA B365 - latest edition). See section on "Reduction of Appliance Clearance with Specified Forms of Protection."

** Side view of optional mantel deflector shown.

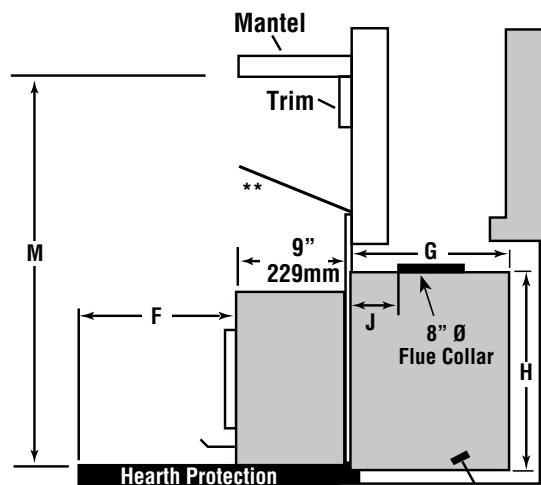
(1)Hearth extension reductions: 2" (51mm) reduction for 2" (51mm) raised hearth. (USA & Canada) 24" minimum hearth extension on all stoves as measured from the door opening of the unit (16" [406mm] minimum hearth extension on all inserts as measured from the door opening of the unit). Minimum distance of floor protection to the side = 8" (200mm). This is measured from the sides of the door opening in the USA and from the sides of the insert in Canada.

(2)J = Maximum lintel depth without flue offset or smoke deflector.

NOTE: Facing material that projects more than 3/4" (19mm) from the wall is considered a mantel or side wall.



Clearance Figures



Fireplace Sizing	
C310	Masonry Fireplace UBC Chapter 37
Depth Min.	14-3/4" (375mm)
Height Min.	22-3/4" (578mm)
Width Min.	30-1/2" (775mm)
Lintel Max. Depth ①	5-3/4" (146mm)

① Without use of adjustable offset box or smoke deflector