

Striker™ Models C160TGL and C160AGL



Appliance Specifications - Factory-Built or Masonry Wood Fireplace Insert

Product Reference Information			
Cat. No.	Description	Ship. Weight	Ship. Volume
H7889	C160TGL, Wood Fireplace Insert, Traditional Black Door, Nickel Nameplate	319 lb.s	17.8 cu. ft.
H7890	C160AGL, Wood Fireplace Insert, Arch Black Door, Nickel Nameplate	319 lb.s	17.8 cu. ft.

Specifications

Chimney Diameter	6" (152mm)
Log Length	18" Max./16" Recommended
Firebox	18"W x 14"D (457mm W x 356mm D)
Max. Heat Output*	55,600 BTUs/hr.
Max. Burn Times*	6-8 hrs.
Efficiency	69.9%
Heating Capacity*	600-1,300 sq. ft
Insert Front Width	23-1/8"
Insert Front Height	18-1/2"
Rear Width	23-1/2"
Rear Height	19-1/4"

Optional Accessories

- Surround Panel Kits - Various sizes offered, 26-1/2" x 40", 26-1/2" x 48", 30-1/2" x 40", 30-1/2" x 48". Trim available in black, gold or nickel.
- Faceplates - Available in gold, nickel or brushed nickel.
- Handles - gold or nickel
- Thermal Activated Blowers (160-CFM) - black, gold, nickel, brushed nickel or brushed gold.

Options

NOTE:

- 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

Inserts



Striker™ C160TGL with Traditional Door



Striker™ C160AGL with Arch Door

Listing

Striker™ Models C160TGL and C160AGL inserts are safety listed with the following agency:

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



Report No. 14-186

EPA certification test emission value 2.1 grams/hr per 2020 cordwood 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 $k=0.84$ or equivalent with a listed thickness of $3/8"$ (9.5mm) minimum in USA ($3/4"$ - 19mm minimum in Canada). The covering must extend 18" (450mm) 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).

Clearances to Combustibles					
Model	*A	*B	*C	*D	E(1)
C160(T/A)GL	USA-24" CAN-660mm	USA -15" CAN-450mm	20" 508mm	12" 305mm	USA-4-1/2" CAN-200mm
C160(T/A)GL with mantel and/or side shields	16" 406mm	10" 254mm	20" 508mm	8" 200mm	USA-4-1/2" CAN-200mm

Clearances

Model	F (1)	G	H	J(2)	M
C160(T/A)GL	18" 450mm	12-1/2" 318mm	19-1/4" 489mm	4-3/8" 111mm	43" 1092mm
C160(T/A)GL with mantel and/or side shields	18" 450mm	12-1/2" 318mm	19-1/4" 489mm	4-3/8" 111mm	35" 889mm

* Reduced clearances may be available for A, B, C, and D dimensions by using an optional mantel and/or side shields. Consult with your Innovative Hearth Products dealer for the dimensions of the shields. Clearances can also be reduced 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."

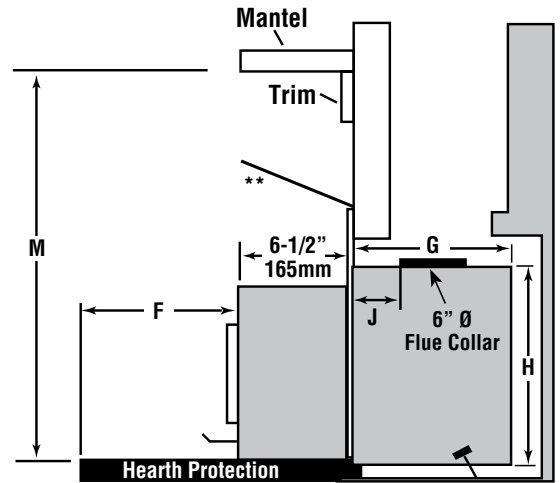
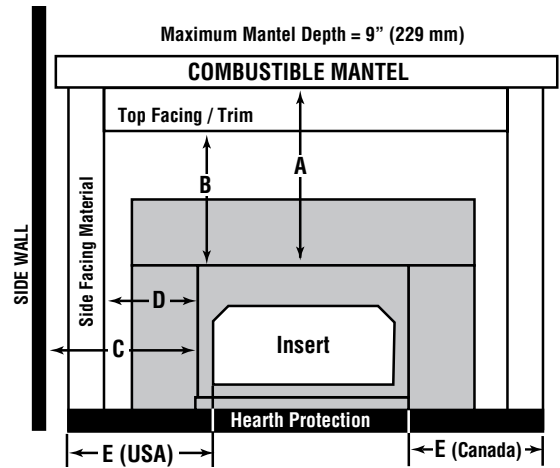
** Side view of optional mantel deflector shown.

(1)Hearth extension reductions: 2" (51mm) reduction for 2" (51mm) raised hearth. (USA) 16" minimum hearth extension on all stoves as measured from the door opening of the unit. (Canada) 18"(450mm) minimum hearth extension on all stoves 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		
C160TGL and C160AGL	ZC Fireplace UL 127	Masonry Fireplace UBC Chapter 37
Depth Min.	12-3/4" (324mm)	12-3/4" (324mm)
Height Min.	21" (533mm)	19-1/2" (495mm)
Width Min.	36" (914mm)	25-1/2" (648mm)
Lintel Max. Depth ①	4-3/4" (121mm)	4-3/4" (121mm)

① Without use of adjustable offset box or smoke deflector