

PRODUCT SPECIFICATIONS
CDVR42SC7 and CDVT42SC7 Direct Vent



GLASS VIEWING AREA

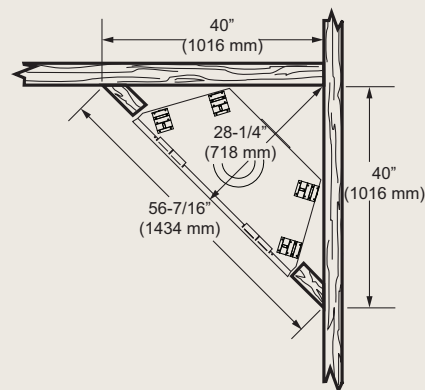
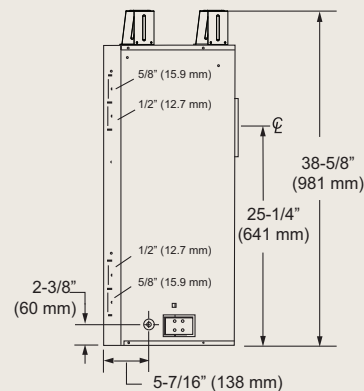
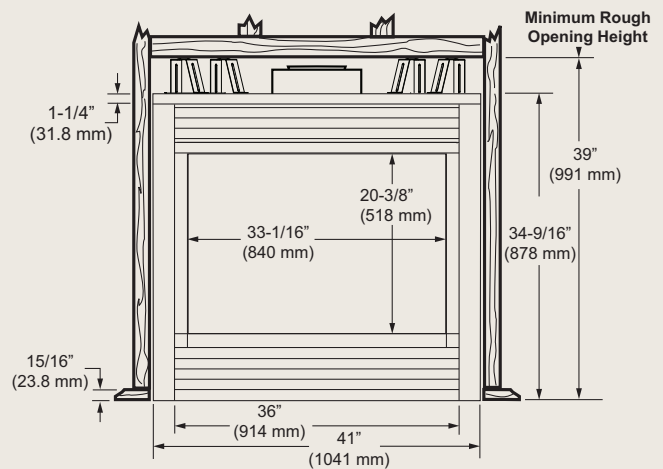
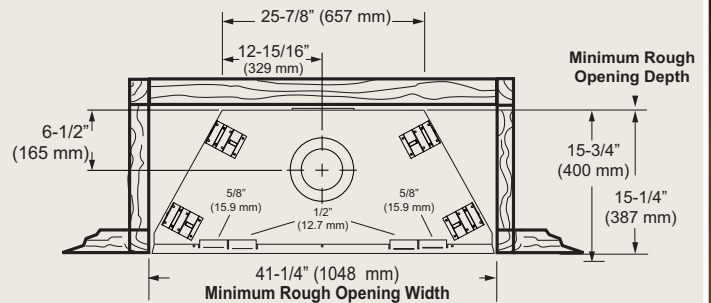
33-1/16" W x 20-3/8" H (672 Square Inches)
 (840 mm x 518 mm)

STANDARD FEATURES

- Unitized black louver assembly
- Ember bed burner
- Ceramic Fiber logs
- Grate
- Junction box
- Nailing tabs for 1/2" (12.7 mm) and 5/8" (15.9 mm)

FIELD INSTALLED ACCESSORIES

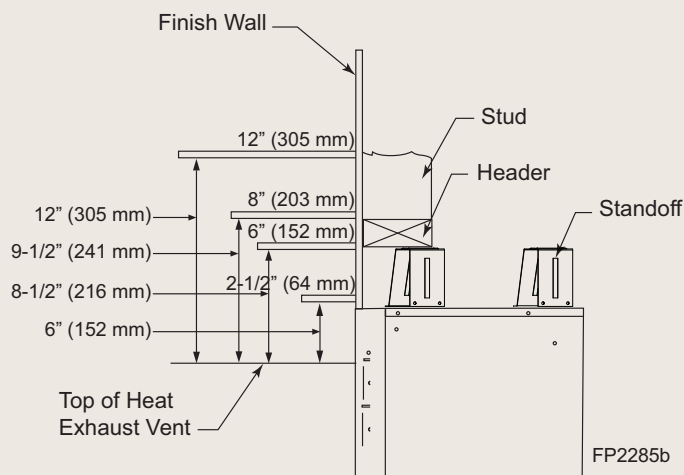
- Firebrick: Cottage Clay
- Curved Trim: Black
- Medium Trim Kit: Black
- Manual Blower and Cord (160cfm): FK-12
- Thermostat Blower (160cfm): BLOT
- Signature Command Blower (160cfm): BLOTSC (requires purchase of SCSACM & TSFSC)
- Signature Command Remotes & Thermostats: RMSC, TSMSC, TSTSC, TSFSC, WT)
- Signature Command Accessories: A/C Accessory, Module and Command Center, Wall Mount Kits
- Conversion Kits: Natural Gas (CDV42CKNS), LP Gas (CDV42CKPS)
- Mesh Screen Glass Cover
- Wood Cabinet Surrounds (rear vent models)
- Designer Facings (Current BDV500 trim, fronts and filigree panels will fit the CDV. Doors and door frames do not.)



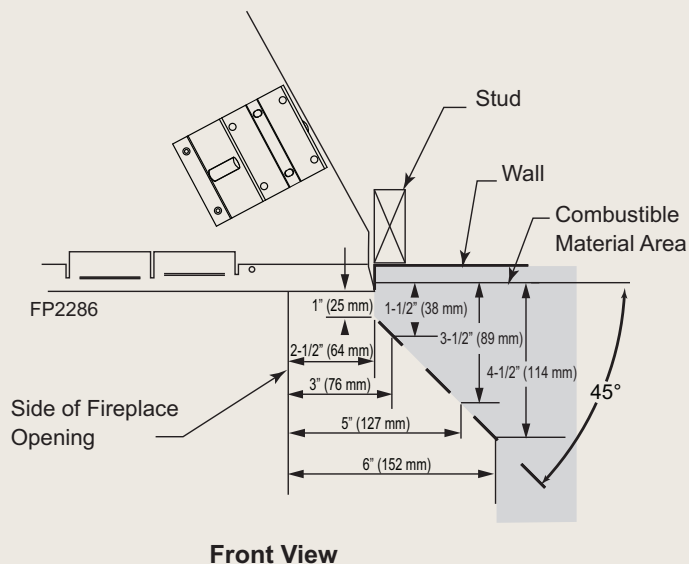
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MANTEL CLEARANCES

NOTE: The combustible area above the facing must not protrude more than 3/4" (19 mm) from the facing. If it does, it is considered a mantel and must meet the mantel requirements listed here.



Side View



Front View

TECHNICAL SPECIFICATIONS

BTU Input: 24,000 Max, 17,000 Min. (Nat) / 24,000 Max, 18,000 Min. (LP)
 Ignition System: Signature Command System (AC w/ battery back up)
 Gas Type: Natural Gas or Liquid Propane
 Gas Line: 1/2" (12.7 mm) Flex line w/ shut off 1/2" (12.7 mm) FPT
 Flue Type: 4 x 7 Twist Lock, Flex Vent*
 Termination: Dedicated Top or Rear Vent
 Min. Height Top Venting Before Elbow: 0"
 Horizontal Vent: Maximum 20" (508 mm) straight off rear of unit
 Low Voltage Wall Switch Wire: 15' (4.5 m) wire with wall switch and cover
 Design Certified: CSA

CLEARANCE TO FLUE

Horizontal: 3" (26 mm) Top, 1" (25 mm) bottom and sides**
 Vertical: 1" (25 mm) on all sides

CLEARANCE TO COMBUSTIBLES

Fireplace: 0" clearance to stand offs all sides
 Floor of unit to Ceiling: 72" (1.83 m) to combustibles
 Firebox Opening to Wall: 6" (152 mm) to combustibles
 Hearth Requirement: 0" clearance

EFFICIENCY DATA

	CDVR	CDVT
Thermal Efficiency:	Up to 80% Nat / 80% LP	Up to 80% Nat / 80% LP
AFUE Efficiency:	64.2% Nat / 65.1% LP	N/A
P4 Canada Efficiency:	71% Nat / 72.3% LP	59.1% Nat / 67.6% LP

*Simpson Dura-Vent, Selkirk Metalbestos and Metalfab are also approved for vent applications (requires adapter).

**When vertical rise is 7-1/2 feet (2.29 m) or higher from base of unit, the horizontal vent clearance to combustibles is 1" (25 mm) all sides.



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