

# Avalon

Fireplaces, Stoves, & Inserts

## WOOD BURNING STOVES & INSERTS





## **FIRESTYLES FOR LIFE**

*Your home is a reflection of your personal style. Why shouldn't your hearth appliance be the same? Just as your furniture is both functional and pleasing to the eye, so can be your stove or fireplace.*

*Avalon® has beautifully designed works of art to let your personal expression shine through. No matter what your heating needs are, an Avalon® hearth product will enhance them.*

*Choose the fire that best expresses your home's personality and begin heating with style.*

## **WOOD HEATS LIKE NO OTHER FUEL**

Wood is nature's renewable resource. A natural fuel that burns like no other. A wood fire is cozy – the radiant and convective heat from your Avalon® wood stove or insert will warm your body and soul.

## **ENVIRONMENTALLY RESPONSIBLE**

An open fireplace or antique stove may conjure fond memories, but they actually create pollution and yield very low energy efficiency. In contrast, our Avalon® wood burning appliances are super efficient, EPA certified, and produce virtually no visible smoke or creosote.

## **ENERGY INDEPENDENCE**

Heating with wood offers independence from the rising costs of the utility companies. Even in the event of a power outage, when all other conventional heating systems are useless, a wood burning stove or insert will keep you warm and self-sufficient.

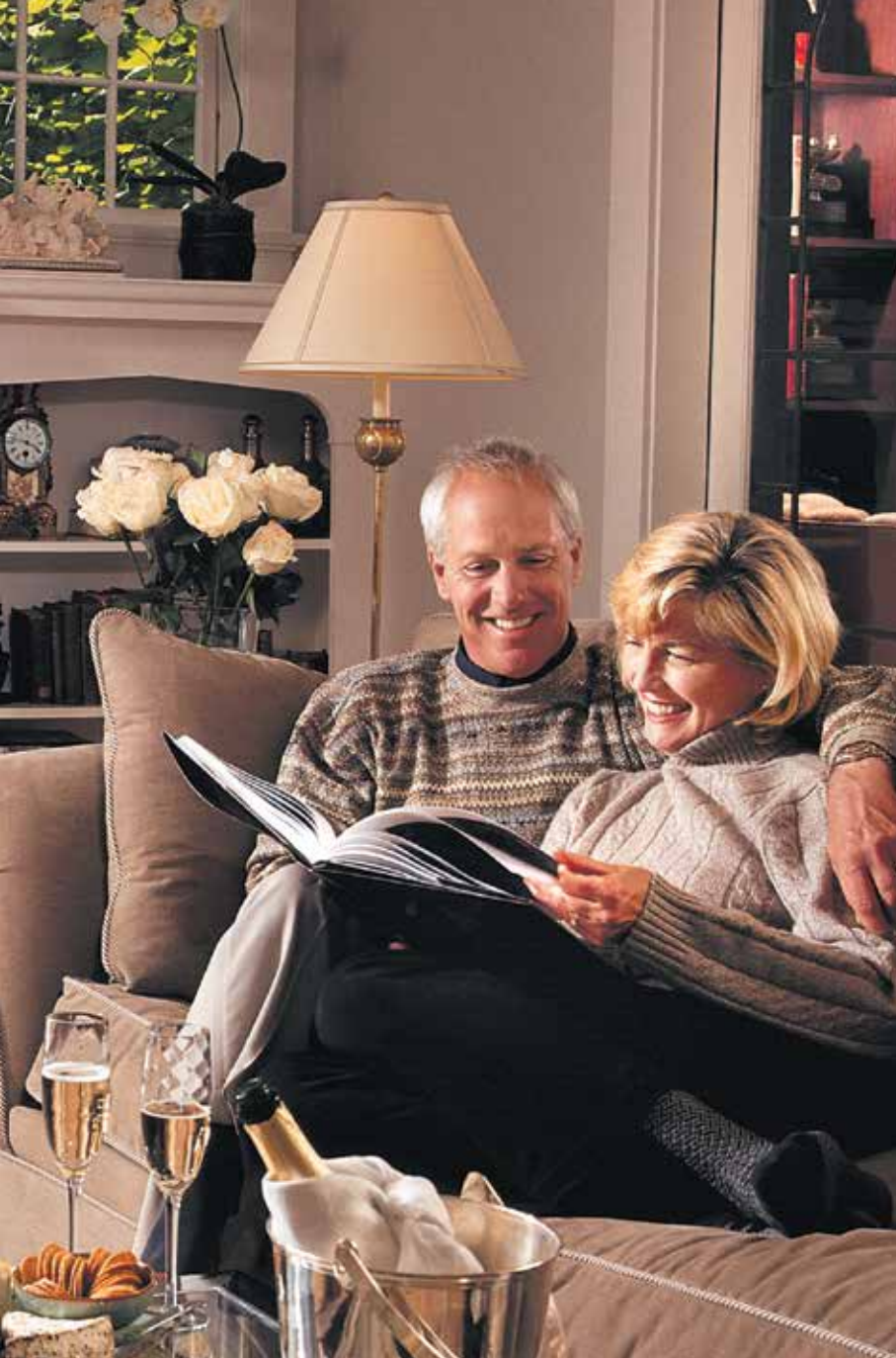
# Avalon

Fireplaces, Stoves, & Inserts



## RADIANT & CONVECTIVE HEAT

In addition to radiant heat, which only warms objects within the room, all Avalon® wood burning appliances feature a convection chamber to circulate cool air around the stove and push heated air back into the room. This dynamic process circulates warm air to other areas of your home without using a fan.



Our unique knife-edge seal between the door gasket and stove body ensures an airtight seal for years of operation.



A single, easy-to-use draft control simplifies stove operation and heat output.



Avalon's cast door is designed to last a lifetime. The finely crafted wood handle has a naturally comfortable touch and durable, integrated hinge.



*The Olympic™ stove is shown with the standard black door and cast black legs.*

# Olympic™

## High Performance Large Wood Burning Stove

The beauty and grace of the Olympic™ stove is matched only by its remarkable efficiency. At just 2.6 grams of emissions per hour, the Olympic™ is one of the cleanest-burning large wood stoves approved by the EPA. Its large firebox can hold logs up to 24" long, providing up to 12 hours of continuous burn time. It also features a single control to adjust heat output and a bypass damper to prevent smoke spillage while starting and reloading. And for maximum convenience, the Olympic™ features a spacious cook top surface.

### Options (See Page 14)

- Choice of Black Sculptured or Black Cast Legs
- 150 CFM Convection Fan
- GreenStart™ Igniter
- Outside Air Kit

### Specifications

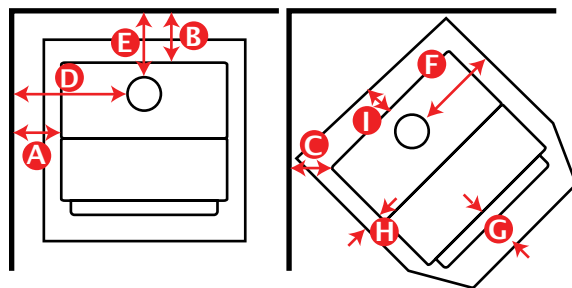
Emissions:	2.6 Grams Per Hour
Heating Capacity:	1,500 to 2,500 Square Feet
Heat Output:	Cord Wood – 74,300 BTUs Per Hour
Maximum Burn Time:	Up to 12 Hours
Firebox Size:	3.1 Cubic Feet
Maximum Log Size:	24"
Weight:	510 Pounds with Pedestal
Construction:	5/16" to 3/16" Steel Plate
Efficiency:	Up to 75.2%



Use your Smart Phone QR Reader to watch a video on the GreenStart™ Igniter

HIGH PERFORMANCE LARGE WOOD BURNING STOVE

## Clearances & Hearth Protection



Hearth Pad

	Single Wall Connector	Double Wall Connector
A	16"	16"
B	15"	10"
C	9-1/2"	7-1/2"
D	27-3/4"	27-1/4"
E	17-3/4"	12-1/4"
F	21"	18-1/2"
	USA	Canada
G	16"	18"
H	6"	8"
I	6"	8"



*The Rainier™ stove is shown with the standard black door and sculptured black legs.*

# Rainier™

## High Performance Medium Wood Burning Stove

With its unique heat transfer system and elegant design, the Rainier™ towers above other stoves in its class. Featuring both radiant surfaces and a convective heat exchanger, this stove can heat up to 1,800 square feet. The Rainier's large firebox can hold logs up to 20" long and is great for overnight burns. This is one of the most efficient medium-size stoves ever tested by the EPA, with just 2 grams of emissions per hour. The Rainier™ is also remarkably easy to maintain and operate, with a single air control that adjusts the heat output.

### Options (See Page 14)

- Choice of Black Sculptured or Black Cast Legs
- Polished Aluminum Door
- 150 CFM Convection Fan
- GreenStart™ Igniter
- Outside Air Kit

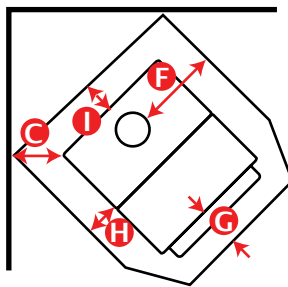
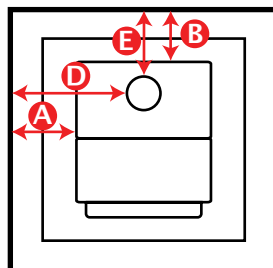
### Specifications

Emissions:	2.0 Grams Per Hour
Heating Capacity:	800 to 1,800 Square Feet
Heat Output:	Cord Wood – 71,800 BTUs Per Hour
Maximum Burn Time:	Up to 9 Hours
Firebox Size:	1.8 Cubic Feet
Maximum Log Size:	20"
Weight:	355 Pounds with Pedestal
Construction:	1/4" to 3/16" Steel Plate
Efficiency:	Up to 77.6%



Use your Smart Phone QR Reader to watch a video on the GreenStart™ Igniter

### Clearances & Hearth Protection



Hearth Pad

	Single Wall Connector	Double Wall Connector
A	14"	14"
B	14-1/2"	9-1/2"
C	11"	7-1/2"
D	24"	23-1/2"
E	15-3/4"	10-1/4"
F	20"	16"
	USA	
G	16"	
H	6"	
I	6"	



The Flush Wood Plus™ is shown with the Cypress™ face option which includes accent lights and a one-piece surround panel.



# Flush Wood Plus™

## High Performance Medium Wood Burning Insert

Enjoy higher efficiency and lower heating bills with the Flush Wood Plus™. This high quality insert has exceptional heat transfer and a standard 180 CFM convection fan that is designed to deliver maximum warmth into the room, and evenly distribute that warmth throughout your home. The Flush Wood Plus™ features easy operation with a single air control to adjust the heat output and a bypass damper that allows for smoke-free startups and reloading. The classic styling and large viewing area of the Flush Wood Plus™ are complementary to any home's décor.

### Options

- Choice of Universal, Cypress™ or Times Square™ Face
- One Piece Finish Panels  
Small 42" w x 30 1/2" H  
Large 44" w x 34" H
- Custom Panel
- High Temperature Insert Wiring Kit
- GreenStart™ Igniter

### Specifications

Emissions:	4.4 Grams Per Hour
Heating Capacity:	1,200 to 2,000 Sq. Ft.
Heat Output:	Cord Wood – 73,300 BTUs Per Hour
Max. Burn Time:	Up to 10 Hours
Firebox Size:	2.2 Cubic Feet
Maximum Log Size:	24"
Weight:	450 Pounds
Construction:	5/16" to 3/16" Steel Plate
Efficiency:	Up to 76.9%



Universal Face



Times Square™ Face



Cypress™ Face

HIGH PERFORMANCE MEDIUM WOOD BURNING INSERT



*The Rainier™ Insert is shown with the Black Cast Door and 8" surround panel.*

# Rainier™

## High Performance Medium Wood Burning Insert

The powerful Rainier™ delivers maximum heat in an easy to operate, non-catalytic design. The Rainier™ uses radiant heat to warm objects nearby and a five-sided convection chamber to naturally distribute heat evenly throughout your home. It features a large firebox that can hold logs up to 20". The high-tech combustion system features clean, efficient fires and long burn times between reloading. The mid-sized Rainier™ insert is approved for masonry and zero clearance (metal) fireplaces, and is ideal for those who desire either a supplemental or primary heat source for their home. The Rainier™ can also be converted to a freestanding wood stove should you move or your heating needs change.

### Options (See Page 14)

- Polished Aluminum Door
- Choice of Finish Panels – 8", 10" or 12"
- Custom Panel
- 150 CFM Convection Fan

### Specifications

Emissions:	2.0 Grams Per Hour
Heating Capacity:	800 to 1,800 Square Feet
Heat Output:	Cord Wood – 71,800 BTUs Per Hour
Maximum Burn Time:	Up to 9 Hours
Firebox Size:	1.8 Cubic Feet
Maximum Log Size:	20"
Weight:	345 pounds
Construction:	1/4" to 3/16" Steel Plate
Efficiency:	Up to 77.6%



*The Olympic™ installed with the Flush Kit, Black Door, Fan and 10" surround panel.*

# Olympic™

## High Performance Large Wood Burning Insert

No matter where you install it, the Olympic™ insert takes center stage as a leading attraction in any home. The Olympic™ is Avalon's largest wood burning insert. Designed to fit most masonry fireplaces, the Olympic™ heats up to 2,500 square feet. Its large firebox offers longer burns, giving you more time to relax and enjoy the flames. A bypass damper ensures an easy starting fire and smokeless refueling. The Olympic™ can be installed recessed into the fireplace opening or extended onto the hearth for additional radiant heating and a handy cook-top surface. This extra large insert produces only 2.6 grams of emissions per hour, making it one of the cleanest burning large inserts ever tested and certified by the EPA.

### Options (See Page 14)

- Choice of Finish Panels – 8" or 10"
- Custom Panel
- 150 CFM Convection Fan

### Specifications

Emissions:	2.6 Grams Per Hour
Heating Capacity:	1,500 to 2,500 Square Feet
Heat Output:	Cord Wood – 74,300 BTUs Per Hour
Maximum Burn Time:	Up to 12 Hours
Firebox Size:	3.1 Cubic Feet
Maximum Log Size:	24"
Weight:	465 pounds
Construction:	5/16" to 3/16" Steel Plate
Efficiency:	Up to 75.2%

HIGH PERFORMANCE LARGE WOOD BURNING INSERT

# HIGH PERFORMANCE TECHNOLOGY

Our EPA Phase II certified combustion system for our wood stoves and inserts burns so thoroughly that there is very little visible smoke and ash to remove. Avalon's non-catalytic design and superior technology ensures years of long term use with minimal service required and no costly parts to replace.

1. The easy-to-use single draft control brings combustion air into the stove and ensures a very clean burn without the need to operate any other controls.

2. The primary air source delivers preheated air to the airwash system and to the primary burn zone for more complete combustion.

3. The airwash system delivers heated air across the inside of the viewing glass, creating a shield that keeps the glass clean.

4. A pinched door seal is unique to Avalon® wood stoves. This incredibly air-tight seal prevents any air leaks, ensuring longer burn times and cleaner glass.

5. The stainless steel secondary burn tubes are self-regulating and will automatically adjust air flow as needed, creating a dramatic fire in the top of the stove that burns any unburned gases. This keeps the fire hot through all burn rates for maximum efficiency and a clean burn.

6. The interior of the stove is lined with kiln fired refractory firebrick that protects the steel to offer years of long term durability.

7. The removable brick baffle features the same durable firebrick which holds up against very high temperatures, maximizing the heat output and prolonging the transfer of heat in the stove.

8. A large, effective 5-sided convection chamber and radiant heat ensures money saving warmth is delivered to your home. Add the optional convection fan to boost heat delivery. The heavy duty steel in these stoves and inserts contributes to higher internal firebox temperatures. The seamless unibody construction is made of the finest 3/16", 1/4" and 5/16" plate steel for years of dependable service. Even the flue collar, which is subject to extremely high temperatures, is 5/16" thick.



# WOOD STOVE & INSERT OPTIONS



## Free Moisture Meter with Your Avalon® Stove or Insert

It is important to use dry wood when heating your home in order to maximize the efficiency and performance of your stove or insert. Using dry wood allows for a more efficient fire that saves you money and delivers more heat. Wet wood creates excessive smoke and moisture in the firebox, resulting in creosote in the stove and on the glass, along with wasted fuel and money. Testing your wood is crucial, which is why Avalon® includes a FREE moisture meter with every wood stove and insert. The moisture meter allows you to accurately test the moisture level in your wood so that you can utilize your stove or insert to its highest performance and achieve the best burn possible. For best results, your wood moisture content should be less than 20%.

## Legs Options

Legs are available in black cast aluminum, and in simple black painted sculptured steel for the Olympic and Rainier stoves.



Black Cast



Sculptured Steel

## Convection Fans

Quiet, yet powerful front or rear fans are available for all models to improve the transfer of heat from your stove or insert's natural convection chamber and help circulate the heat to adjoining rooms. The 180 CFM blower is standard on the Flush Wood Plus™.



Rear Freestanding Fan

## Polished Aluminum Door

Available upgrade for the Rainier™ stove and insert.



## Insert Panels

Fireplace insert panels are available to finish off the face of your fireplace opening. The Rainier™ and Olympic™ panels come standard with black trim. The Flush Wood Inserts offers two sizes of one-piece panels with no trim. Custom panels are also available through your local Avalon dealer.



*The Small Flush Wood Plus insert is shown with one piece panel. and optional Insert Wiring Kit*



# Small Flush Hybrid-Fyre™

The Avalon® Small Flush Wood Hybrid-Fyre® Insert is an extremely efficient source of heat for any home and one of the cleanest burning inserts on earth. Featuring the award-winning Hybrid-Fyre® technology, this insert produces an incredibly high EPA-tested efficiency, while emitting only 0.89 grams of emissions per hour. Hybrid-Fyre® allows you to burn clean fires for long periods of time that produce more heat, ultimately saving you money and trips to your wood pile.

The compact size of this insert features a unique design that allows it to fit virtually anywhere and its beautiful flush appearance will complement any home's style. A transitional rectangular door and ceramic glass viewing area showcase the fire, while concealed fans help circulate the heat up to 1,000 square feet.

## Options

- One Piece Finish Panels 38" W x 25" H
- Custom Panel
- High Temperature Insert Wiring Kit
- GreenStart™ Igniter
- Offset Flue Adapter

## Specifications

Emissions:	.89 Grams Per Hour
Heating Capacity:	650 to 1,000 Square Feet
Heat Output:	Cord Wood – 47,000 BTUs Per Hour
Maximum Burn Time:	Up to 7 Hours
Firebox Size:	1.2 Cubic Feet
Maximum Log Size:	18"
Weight:	265 Pounds
Construction:	Up to 5/16" Steel Plate
Efficiency:	Up to 76.5%



Universal Face™ Face  
30"W x 21 ½"H

HYBRID-FYRE® SMALL WOOD BURNING INSERT



*The Large Flush Wood Insert is shown with Cypress™ Face and one-piece surround panel.*

# Large Flush Hybrid-Fyre™

The Avalon® Large Flush Wood Hybrid-Fyre® Insert is one of the cleanest and most efficient wood burning inserts in the world! This insert burns so clean that it emits virtually no smoke or carbon monoxide, with less than one gram of emissions per hour and an impressive 80% EPA-tested overall efficiency. Hybrid-Fyre® is an award-winning technology that uses less wood to burn cleaner, hotter, long lasting fires that will save you both fuel and money.

This insert features a sleek, flush design that includes a beautiful rectangular door and a massive viewing area. Its large 3 cubic foot firebox allows you to burn more wood for longer periods of time, while standard concealed fans increase the circulation of heat to provide warmth up to 2,500 square feet.

## Options (See Pages 15 & 16)

- Choice of Universal, Cypress™ or Times Square™ Face
- One Piece Finish Panels      Small 42" w x 32 1/2" H  
   Large 47" w x 35" H
- Custom Panel
- High Temperature Insert Wiring Kit
- GreenStart™ Igniter
- Optional adjustable offset adapter

## Specifications

Emissions:	.58 Grams Per Hour
Heating Capacity:	1,500 to 2,500 Sq. Ft.
Heat Output:	Cord Wood – 83,220 BTUs Per Hour
Maximum Burn Time:	Up to 12 Hours
Firebox Size:	3.0 Cubic Feet
Maximum Log Size:	24"
Weight:	530 Pounds
Construction:	5/16" & 3/16" Steel Plate
Efficiency:	Up to 80.3%



Universal™ Face  
35-1/2" W x 26-1/4" H



Times Square™ Face  
37-3/4" W x 25-3/4" H

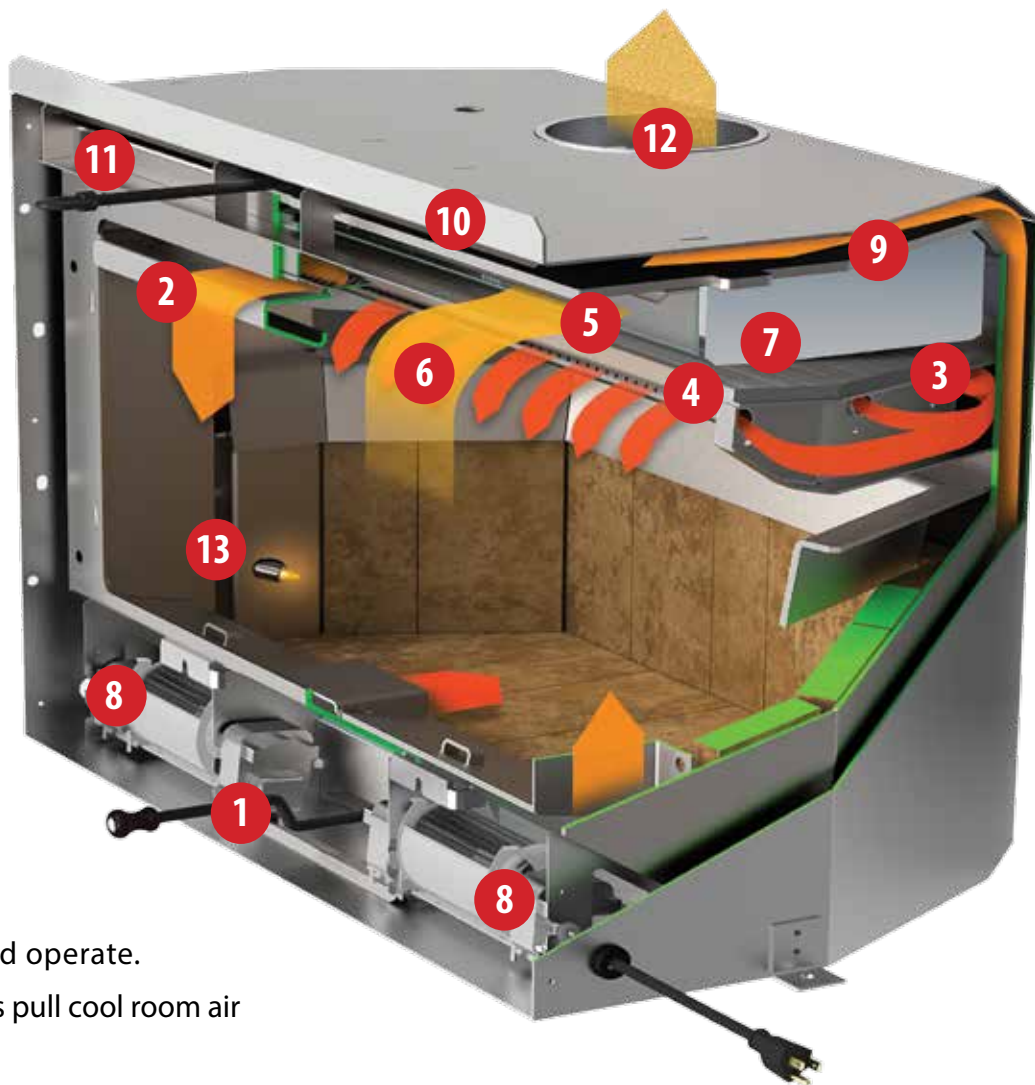


Cypress™ face featuring built-in  
Halogen Accent Lights  
40" W x 26-1/4" H

# HYBRID FYRE<sup>®</sup> Technology

**Both Flush Wood Hybrid-Fyre<sup>®</sup> Inserts are extremely clean burning, highly efficient inserts for any home. They feature elevated craftsmanship and styling as well as the exclusive Hybrid-Fyre<sup>®</sup> technology.**

- (1)** The air control regulates the burn rate and routes air into the firebox for the primary combustion air (which helps to start the fire).
- (2)** The warm air is then routed through the air wash channel and over the glass to keep the glass clean, decreasing maintenance and adding convenience.
- (3)** The combustion air is drawn into the preheated chamber converting cold, incoming air into warm combustion air.
- (4)** The secondary air manifold continues to route the air into the secondary air tubes which takes the air to the secondary combustion zone.
- (5)** The baffle then slows down the flow of any remaining volatile gases.
- (6)** In this area, any particles are super-heated and ignited.
- (7)** These volatile gases and particulates then enter the catalytic combustor. The catalytic combustor is designed to burn any remaining pollutants, leaving the exhaust virtually smoke-free. This process dramatically reduces emissions and carbon monoxide output, making the Flush Wood Hybrid-Fyre<sup>®</sup> Inserts very “green” to own and operate.
- (8)** The standard, twin 90 CFM fans pull cool room air through the insert.
- (9)** This air is drawn through the convection chamber where it pulls heat off of the firebox.
- (10)** Hot air is then expelled from the top convection chamber through a large, cast iron heat sink. This greatly improves both the heat transfer efficiency and heating capacity of the insert.
- (11)** A bypass damper is featured on the Flush Wood Inserts, allowing for easy, smoke-free startups.
- (12)** Both inserts comes with a 6” flue with an internal attachment for convenient installation.
- (13)** The optional GreenStart™ igniter system makes the startup process as easy as the push of a button.





## The Revolutionary GreenStart® Igniter Option

*Starting your wood insert has never been easier! Much like Charles Kettering's invention of the electric automobile ignition 100 years ago, the GreenStart™ igniter system has evolved the ignition of wood in a spectacular way and has become the greatest innovation in wood heating in over 100 years.*

Starting a fire is now as convenient as pushing a button. This breakthrough ignition system eliminates the mess of starting a fire with matches and newspaper, while increasing safety at the same time.

The patent-pending, breakthrough technology of the GreenStart™ system works much like a blacksmith bellows. When you push the button you start an igniter which heats the air to 1,400 degrees F. The compressor (bellows) then forces the super-heated air into the firebox lighting the wood for a fast, clean, smoke-free startup. The fire starts in a matter of a few minutes with the whole process lasting 15 minutes.

The GreenStart™ system is also perfect for refreshing a fire; add new fuel to the hot coals and push the button twice. Pushing the button twice will bypass the igniter and turn on the compressor, adding enough air to ignite the hot coals. There is no need to blow on the coals or leave the door ajar, saving time and increasing safety.

For best results dry, seasoned wood is required when using the GreenStart™ system. Using dry, seasoned wood also increases the efficiency of your wood insert while lowering creosote build-up on the glass and in the chimney.

The GreenStart® Igniter option is available on the Rainier™ and Olympic™ wood stoves and on all three Flush Wood inserts.

Use your Smart Phone  
QR Reader to watch a video  
on the GreenStart™ Igniter



## Push A Button



## Start Your Fire



**30 Seconds**

Hot surface igniter blows 1,400 degree heated air into the firebox, igniting the wood.



**6 Minutes**

Igniter shuts down and the blower continues to push air, acting as a bellow to fan the fire.



**6 - 15 Minutes**

Blower continues to fan fire at various speeds to deliver proper draft in the chimney and a vigorous fire.



**15 Minutes**

Blower shuts down. Homeowner adjusts bypass damper and air controls to maintain fire.

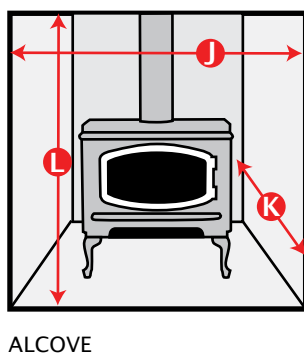
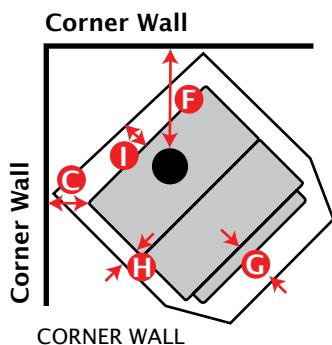
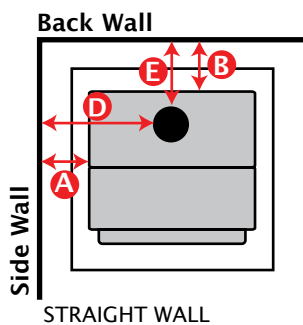
# AVALON® WOOD STOVES

**IMPORTANT NOTES:** With any wood burning Stove or Insert, this appliance is extremely hot during operation. Read and understand all the operating instructions before using this appliance.

## FREESTANDING STOVE INSTALLATIONS

### CLEARANCES TO UNPROTECTED COMBUSTIBLES

Use these illustrations in conjunction with the information under the "Clearance" & "Alcove" headings for the Rainier and Olympic wood stoves.



SPECIFICATIONS	RAINIER		OLYMPIC	
	MEDIUM		LARGE	
Width	25-3/4"		29-3/8"	
Height (All Legs)	29-3/4"		29-1/8"	
Height (Pedestal)	33-1/4"		32-5/8"	
Depth	19-3/8"		20-1/2"	
Flue Size	6"		6"	
Construction	5/16" & 3/16" Steel		5/16" & 3/16" Steel	
Weight (body w/legs)	349 lbs.		465 lbs.	
PERFORMANCE				
Emissions	2 Grams/Hr.		2.6 Grams/Hr.	
Heating Capacity (Sq Ft.)	800 to 1,800		1,500 to 2,500	
Heat Output	71,800 BTU's/Hr.		74,300 BTU's/Hr.	
Efficiency*	Up To 77.6%		Up To 75.2%	
Maximum Burn Time	Up To 9 Hours		Up To 12 Hours	
Firebox Size	1.8 Cubic Ft.		3.1 Cubic Ft.	
Maximum Log Size	Up To 20"		Up To 24"	
CLEARANCES	Single Wall Connector	Double Wall Connector	Single Wall Connector	Double Wall Connector
A = Stove to Side Wall	14"	14"	16"	16"
B = Stove to Back Wall	14-1/2"	9-1/2"	15"	10"
C = Stove to Corner Wall	11"	7-1/2"	9-1/2"	7-1/2"
D = Connector to Side Wall	24"	23-1/2"	27-3/4"	27-1/4"
E = Connector to Back Wall	15-3/4"	10-1/4"	17-3/4"	12-1/4"
F = Connector to Corner Wall	20"	16"	21"	18-1/2"
HEARTH CLEARANCES	USA		USA	CANADA
G = Front	16"		16"	18"
H = Sides	6"		6"	8"
I = Back	6"		6"	8"
ALCOVE				
J = Minimum Width	53-3/4"		61-3/8"	
K = Maximum Depth	48"		48"	
L = Minimum Height	84"		84"	

\*Heating Capacity may vary depending on degree of home insulation, floor plan and ambient temperature zone of the area in which you live.

Emissions for the Small Flush Wood and Large Flush Wood were achieved using the EPA Method 5-G and 28A.

Efficiency For the Rainier, Flush Wood Plus and Olympic achieved using B415.1 test method, and the LHV value for the test fuel at the Medium Low Burn Rate (IRS Method).

Efficiency for the Small Flush Wood and Large Flush Wood were achieved using the weighted average of the Low, Med-Low, Med-High and High Burn Rates, during the EPA Method 5-G and 28A emissions series using the B415.1 standard and HHV for the test fuel.

### Approved Double Wall Connectors/Chimneys

Reduced clearance installations require one of the chimney and connectors listed here.

- AMERI-TEC™ Model DCC with Model HS Chimney
- DURAVENT™ Model DVL with DURATEC or DURA-PLUS chimney
- ICC Exce™ (2100-2 Canada.) (103-HT USA) chimney with HP connector
- METALFAB™ Model DW connector with TG chimney
- SECURITY™ Model DP connector with SECURITY Model ASHT or S2100 chimney
- Standard Masonry Chimney with any of the above listed connectors

The Rainier wood stove is also approved with:

- SELKIRK METALBESTOS™ Model DS connector with Model SSII chimney
- GSW™ Super Chimney Twenty-One connected directly to appliance
- OLIVER MACLEOD PROVENT Model PV connector with 3103 chimney

NOTE: Clearances for double wall pipe will vary depending on type and brand of connector used. please maintain all stove clearances.

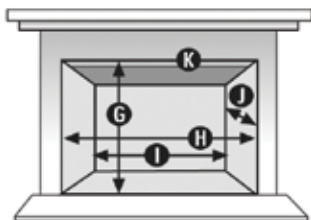
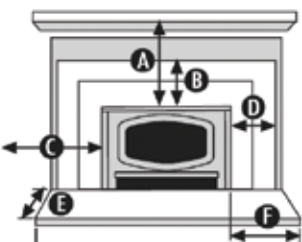
# AVALON® WOOD INSERTS

## FIREPLACE INSERT INSTALLATIONS

	SMALL FLUSH WOOD	RAINIER	FLUSH WOOD PLUS	OLYMPIC	LARGE FLUSH WOOD
	SMALL	MEDIUM	MEDIUM	LARGE	LARGE
<b>SPECIFICATIONS</b>					
Width (Front)	24-3/4"	25-3/4"	28-7/8"	29-3/8"	31"
Width (Back)	19-1/4"	25-3/4"	18-7/8"	29-3/8"	20-3/4"
Height	19-5/8" Front 18-3/4" Back	21-7/8"	21-1/2" Front 19-3/4" Back	22-1/4"	23-1/2" Front 22" Back
Depth	15"	19-3/8"	19"	20-1/2"	19"
Flue Size	6"	6"	6"	6"	6"
Construction	5/16" & 3/16" Steel	5/16 & 3/16" Steel	5/16 & 3/16" Steel	5/16 & 3/16" Steel	5/16" & 3/16" Steel
Weight (body)	265 lbs.	345 lbs.	350 lbs.	465 lbs.	530 lbs.
<b>PERFORMANCE</b>					
Emissions	0.89 Grams/Hr.	2.0 Grams/Hr.	4.4 Grams/Hr.	2.6 Grams/Hr.	0.58 Grams/Hr.
Heating Capacity*	Up to 1,000 Sq. Ft.	800 to 1,800	1,200 to 2,000	1,200 to 2,250	1,500 to 2,500 Sq. Ft.
Heat Output- (Cord Wood)	Up to 47,000 BTU's/Hr.	71,800 BTU's/Hr.	73,300 BTU's/Hr.	73,300 BTU's/Hr.	83,220 BTU's/Hr.
Efficiency	Up To 76.5%	Up To 77.6%	Up To 71.1%	Up To 76.9%	Up To 80.3%
Maximum Burn Time	Up To 7 Hours	Up To 9 Hours	Up To 12 Hours	Up To 10 Hours	Up To 12 Hours
Firebox Size	1.2 Cubic Ft.	1.8 Cubic Ft.	2.9 Cubic Ft.	3.1 Cubic Ft.	3.0 Cubic Ft.
Maximum Log Size	Up to 18"	Up to 20"	Up to 24"	Up to 24"	Up to 24"
<b>CLEARANCES</b>					
A = Firebox to Mantel With Mantel Shield	37-1/2" N/A	Masonry 31-1/2" Metal (ZC) 24" 16-1/2" N/A	Masonry 22-5/8" Metal (ZC) 22-5/8" NA	Masonry 33" 20"	41"* 37"*
B = Firebox to Top Facing With Mantel Shield	37-1/2" N/A	29-1/2" 12" 14-1/2" N/A	20-1/8" 20-1/8" NA	31" 18"	
C = Firebox Side to Side Facing	6-1/4"	N/A N/A	9" 9"	13-1/2"	5-1/2"
D = Firebox Side to Side Wall	11-5/8"	13" 12" 14" 30"	9" 9"	15"	10-1/2"
<b>FIREPLACE SIZING</b>					
E = Min. Depth	14"	Masonry 14-1/2" Metal (ZC) 15-1/2"	Masonry 19" Metal (ZC) 20"	Flush 14-1/8" Extended 11-5/8"	19"
F = Min. Front Width with GreenStart®	27" 34-3/4" (to 5" deep)	25-3/4" 27-3/4" NA	30-7/8" 30-7/8" 36" 36"	29-3/8" 29-3/8" NA	33" 40" (to 3" deep)
G = Min. Back Width	19-1/4"	25-3/4" 27-3/4"	18-7/8" 20-7/8"	29-3/8" 29-3/8"	20-3/4"
H = Min. Front Height	19"	21-7/8" 21-7/8"	21-1/2" 21-1/2"	22-1/4" 22-1/4"	23-1/2"
I = Min. Rear Hearth	19"	21-7/8" 21-7/8"	19-3/4" 19-3/4"	22-1/4" 22-1/4"	22"
J = Depth on Hearth	17-1/2" USA 19-1/2" CANADA	21-1/8" USA	16" USA 18" CANADA	22-3/8" 24-7/8"	18"
K = Min. Hearth Width	40-3/4"	41-3/4"	44-7/8"	45-3/8"	47"
<b>PANEL SIZES</b>					
Rectangular Panels	Single Piece Panel 38" W x 25" H	Three Piece Panel 8" Panel 41-3/4" W x 28-7/8" H 10" Panel 45-3/4" W x 30-7/8" H 12" Panel 49-3/4" W x 32-7/8" H	Single Piece Panel Small 42" W x 30-1/2" H Large 44" W x 34" H	Three Piece Panel 8" Panel 45-1/4" W x 28-7/8" H 10" Panel 49-1/4" W x 30-7/8" H 12" Panel 53-1/4" W x 32-7/8" H	Single Piece Panel Small 42" W x 32-1/2" H Large 47" W x 35" H
<i>Custom One Piece Rectangular and Arched Panels available through Special Order.</i>					

Avalon has partnered with Duravent Mfg. to offer great cost effective venting options specifically designed for the Flush Wood Insert.

**Masonry and Z. C. Liner Kits Include:** 6" 304 stainless steel flex pipe, inserts adapter, and factory built termination components. Available in 15', 25', and 35' lengths.



Write In Your Fireplace Dimensions:

G = Height \_\_\_\_\_  
 H = Front Width \_\_\_\_\_  
 I = Back Width \_\_\_\_\_  
 J = Depth \_\_\_\_\_  
 K = Lintel Depth \_\_\_\_\_

APPROVED ZERO CLEARANCE (METAL) FIREPLACES

MARCO	HEATILATOR
MAJESTIC	SUPERIOR
MARTIN	MONESON
HEAT-N-GLO	LENNOX
TEMPCO	PREWAY

Avalon® products are proudly made in the U.S.A.



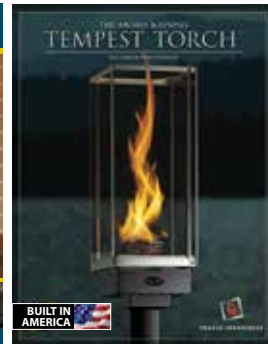
Gas Fireplace  
Catalog



Gas Insert  
Catalog



Pellet Stove & Insert  
Catalog



Tempest Torch™  
Catalog

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We hope our products will bring enjoyment, warmth and many pleasant hours spent in front of the Avalon® of your choice.

Avalon® dealers are chosen to present our products because of their commitment to you, the customer. They are trained to provide the best possible sales experience, assist you in selecting the right hearth appliance and provide proper installation to ensure flawless operation. They are truly your local hearth product specialists.

**Avalon**  
Fireplaces, Stoves, & Inserts

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