

*Wood Burning  
Stoves & Inserts*

  
**AVALON**<sup>TM</sup>  
*Firestyles for Life*



## *Firestyles For Life*

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

Avalon has beautifully designed works of art to let your personal expression shine through. No matter what kind of decorating taste you have, Avalon hearth products will enhance it.

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 warms 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 EPA certified and produce virtually no visible smoke or creosote. In fact the Avalon wood line as a whole has been independently rated as ***the cleanest burning stove line in the world!***

## *Renewable Energy*

When fossil fuels like heating oil are burned, carbon dioxide - the gas responsible for the greenhouse effect - is released into the atmosphere. But when wood is burned, it's part of a natural cycle: A tree absorbs carbon dioxide as it grows. When a tree falls into decay or is burned as firewood, the carbon dioxide is released and gets absorbed again by other young trees. By practicing sustainable wood energy use and keeping our forests healthy, this cycle can be maintained virtually forever!

## *Energy Independence*

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



### ***RADIANT & CONVECTIVE HEAT***

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



Our unique knife-edge seal between the door gasket and stove body guarantees an air-tight seal for life.



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.



*The Olympic stove is shown with optional solid brass door and pedestal base.*

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 ever approved by the EPA. Its large firebox can handle 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 by-pass damper to prevent smoke puff-backs while starting and reloading. In addition to several leg styles, an optional pedestal base with or without an extra-large ashpan is available. And for maximum convenience, the Olympic features a spacious cook top surface.



The Olympic freestanding stove is shown with black door and solid brass sculptured legs.

<u>Emissions</u>	<u>Heating Capacity*</u>	<u>Heat Output**</u>	<u>Maximum Burn Time</u>	<u>Firebox Size</u>	<u>Maximum Log Size</u>	<u>Weight</u>	<u>Construction</u>	<u>Efficiency</u>
2.6 Grams Per Hour	1,500 to 2,500 Sq. Ft.	74,300 BTU/Hr. Cord Wood	Up to 12 Hours	3.1 Cubic Foot	24" Up to	510 lbs. (With Pedestal)	5/16" to 3/16" Steel Plate	70% (DEQ)

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

\*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.



*The Rainier stove is shown with the standard black door and optional pedestal base.*

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, the Rainier can heat up to an 1,800 sq. ft. home. The Rainier's large firebox can handle logs up to 20" long, great for overnight burns, yet still one of the most efficient medium-size stoves ever tested. The Rainier is also remarkably easy to operate and maintain. A single air control adjusts heat output, and the optional pedestal base features a huge ashpan to minimize ash removal between burns.



The Rainier freestanding stove is shown with black door and cast black legs.

The Rainier features models with either 90° or a 45° flues. This allows for a wide variety of installation options, including mobile homes and as a hearth stove in front of a fireplace.

<u>Emissions</u>	<u>Heating Capacity*</u>	<u>Heat Output**</u>	<u>Maximum Burn Time</u>	<u>Firebox Size</u>	<u>Maximum Log Size</u>	<u>Weight</u>	<u>Construction</u>	<u>Efficiency</u>
2.0 Grams Per Hour	800 to 1,800 Sq. Ft.	71,800 Btu's/Hr.	Up to 9 Hours	1.8 Cubic Foot	Up to 20"	355 lbs. (With Pedestal)	1/4" to 3/16" Steel Plate	71.7% (DEQ)

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

\*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.



*The Pendleton stove is shown with standard black door and optional pedestal base.*

Small in size yet big on heat, the Pendleton is ideal for a single room or smaller home. The Pendleton combines radiant and convective technologies into one compact design offering maximum heat output. Like the larger Avalon stoves, the Pendleton features a single air control to adjust heat output and simplifies stove operation. Several leg styles or an optional pedestal base are available. The Pendleton features a 90° or a 45° flue for a wide variety of installation options, including mobile homes, and as a hearth stove in front of a fireplace.



The Pendleton freestanding stove is shown with black door and black sculptured legs.

The Pendleton features models with either 90° or 45° flue. This allows for a wide variety of installation options, including mobile homes and as a hearth stove in front of a fireplace.

<u>Emissions</u>	<u>Heating Capacity*</u>	<u>Heat Output**</u>	<u>Maximum Burn Time</u>	<u>Firebox Size</u>	<u>Maximum Log Size</u>	<u>Weight</u>	<u>Construction</u>	<u>Efficiency</u>
3.0 Grams Per Hour	600 to 1,200 Sq. Ft.	64,200 BTU/Hr. Cord Wood	Up to 8 Hours	1.3 Cubic Foot	Up to 17"	320 lbs. (With Pedestal)	1/4" to 3/16" Steel Plate	68% (DEQ)

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

\*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.



*The Spokane stove is shown with standard black door and optional pedestal base.*

The same great style, performance and quality you've come to expect in Avalon wood stoves is now available in a small or mid-sized entry models. For those customers just starting out, the Spokane™ is the perfect stove for the starter home or young family. Without compromising on construction or function, Avalon engineers have managed to produce a wood stove that's affordable and just plain heats. No frills added. Enhance the heat transfer into your home with the optional 160 CFM fan. Both models feature large cooktop surfaces and are available with your choice of sculptured legs or pedestal.



**Spokane 1250**

Height (Legs) 26 1/2"  
 Height (Pedestal) 29 3/4"  
 Width 23 5/8"  
 Depth 14 5/8"  
 Flue Center (from back) 4 1/8"



**Spokane 1750**

Height (Legs) 26 1/2"  
 Height (Pedestal) 30 5/8"  
 Width 24"  
 Depth 23 1/2"  
 Flue Center (from back) 5 3/4"

<u>Emissions</u>	<u>Heating Capacity</u>	<u>Heat Output</u>
4.4 Grams Per Hour	600 to 1,200 Sq. Ft.	66,800 BTU/Hr. Cord Wood
<u>Maximum Burn Time</u>	<u>Firebox Size</u>	<u>Maximum Log Size</u>
Up to 8 Hours	1.6 Cubic Foot	18"
<u>Weight</u>	<u>Construction</u>	<u>Efficiency</u>
243 lbs. (With Legs)	3/16" Steel Plate	Up to 79.6%

<u>Emissions</u>	<u>Heating Capacity</u>	<u>Heat Output</u>
1.9 Grams Per Hour	1,200 to 2,000 Sq. Ft.	72,400 BTU/Hr. Cord Wood
<u>Maximum Burn Time</u>	<u>Firebox Size</u>	<u>Maximum Log Size</u>
Up to 10 Hours	2.2 Cubic Foot	18"
<u>Weight</u>	<u>Construction</u>	<u>Efficiency</u>
430 lbs. (With Legs)	3/16" Steel Plate	Up to 79.6%

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

\*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.



*The Perfect-Fit is shown with optional black painted Victorian Lace face and 8" surround panels.*

Perfect heat with perfect style are now yours with the Perfect-Fit™ fireplace insert from Avalon. We've brought the first wood insert to market that's perfectly flush to the fireplace so you can enjoy maximum heat with style. The large double doors give you a beautiful view of the flames and stay clean with our air wash system. The Perfect-Fit also has a hard-wiring option kit for the variable-speed high-volume blower to give your hearth a clean, cordless look. Use less wood and heat your home longer in this super-efficient insert - up to 2,000 square feet.



## Victorian Lace Face Options

Basic black matches any decor and this black paint finish complements every style from rustic to contemporary.



**Black Paint Finish**

For a more dramatic look, the glossy black nickel with brushed nickel grills and accent detail makes your fireplace a focal point and mirrors the sparkle and shine of the fire.



**Black Nickel Plate Finish With Brushed Nickel Grills and Accents**

<u>Emissions</u>	<u>Heating Capacity*</u>	<u>Heat Output**</u>	<u>Maximum Burn Time</u>	<u>Firebox Size</u>	<u>Maximum Log Size</u>	<u>Weight</u>	<u>Construction</u>	<u>Efficiency</u>
4.1 Grams Per Hour	1,200 to 2000 Sq. Ft.	73,300 BTU/Hr. Cord Wood	Up to 12 Hours	2.9 Cubic Foot	Up to 24"	497 lbs.	5/16" to 1/4" Steel Plate	71.1% (DEQ)

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

\*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.



*The Olympic is shown in a recessed installation and an 8" surround panel.*

No matter where you install it, the Olympic insert takes center stage as a leading attraction. The Olympic is Avalon's largest woodburning insert. Designed to fit most masonry fireplaces, the Olympic heats up to a 2,500 square foot home. Its large firebox offers longer burns, giving you more time to relax and enjoy the flames. A by-pass 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 the Olympic the cleanest burning large insert ever tested and certified by the EPA.



The rugged Olympic insert is shown with cast black door and extended onto the hearth, providing a handy cook-top surface.

<u>Emissions</u>	<u>Heating Capacity*</u>	<u>Heat Output**</u>	<u>Maximum Burn Time</u>	<u>Firebox Size</u>	<u>Maximum Log Size</u>	<u>Weight</u>	<u>Construction</u>	<u>Efficiency</u>
2.6 Grams Per Hour	1,500 to 2,500 Sq. Ft.	74,300 BTU/Hr. Cord Wood	Up to 12 Hours	3.1 Cubic Foot	Up to 24"	470 lbs.	5/16" to 3/16" Steel Plate	70% (DEQ)

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

\*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.



*The custom painted Rainier is shown in an extended installation.*

The powerful Rainier delivers maximum heat output in an easy to operate, non-catalytic design. The Rainier uses radiant heat to warm objects nearby and a five-sided convection chamber to distribute heat evenly throughout your home. It features a large firebox for longer burn times with less reloading and the option of either a 90° or 45° flue for maximum installation flexibility. Approved for masonry and metal (zero clearance) fireplace openings, the Rainier can be installed recessed into the fireplace or extended onto the hearth for added radiant warmth. It can also be converted to a freestanding wood stove should you move or your heating needs change.



The Rainier with 90° flue is shown with cast black door and installed recessed into the fireplace.

<u>Emissions</u>	<u>Heating Capacity*</u>	<u>Heat Output**</u>	<u>Maximum Burn Time</u>	<u>Firebox Size</u>	<u>Maximum Log Size</u>	<u>Weight</u>	<u>Construction</u>	<u>Efficiency</u>
2.0 Grams Per Hour	800 to 1,800 Sq. Ft.	71,800 BTU/Hr. Cord Wood	Up to 9 Hours	1.8 Cubic Foot	Up to 20"	300 lbs.	1/4" to 3/16" Steel Plate	71.7% (DEQ)

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

\*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.



*The Pendleton is shown with the black door (standard) and an optional 8" panel.*

The Pendleton may be compact, but its heating capacity exceeds most competitors' small inserts. Perfect for a single room or small home, the Pendleton combines radiant and convective technologies to provide up to 64,200 BTUs. Yet at just 3 grams of emissions per hour, the Pendleton is one of the cleanest burning small stoves ever tested. Available with either a 90° or 45° flue, the Pendleton can fit most masonry and metal (zero clearance) fireplaces (the 45° flue unit also features a convenient cook-top surface). And if you move or your heating needs change, the Pendleton can be converted into a freestanding wood stove.



The Pendleton with 90° flue shown with 8" Facing Panels.

<u>Emissions</u>	<u>Heating Capacity*</u>	<u>Heat Output**</u>	<u>Maximum Burn Time</u>	<u>Firebox Size</u>	<u>Maximum Log Size</u>	<u>Weight</u>	<u>Construction</u>	<u>Efficiency</u>
3.0 Grams Per Hour	600 to 1,200 Sq. Ft.	64,200 BTU/Hr. Cord Wood	Up to 8 Hours	1.3 Cubic Foot	Up to 17"	280 lbs.	1/4" to 3/16" Steel Plate	68% (DEQ)

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

\*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.

Avalon woodstoves are proven performers, having achieved one of the highest overall ratings for efficiency of non-catalytic woodstoves from the Oregon Department of Environmental Quality.

Our E.P.A. Phase II certified combustion system burns so thoroughly that there is very little visible smoke and very little ash to remove.

The non-catalytic design perfectly balances the three "T's" of combustion:

**Turbulence, Temperature & Time.**

### ***TURBULENCE***

A single draft control **1** is operated to meter combustion air to a manifold **2**, which distributes air to the stay-clean air wash **3** and the primary burn zone **4**. The multiple secondary burn tubes **5** are self-regulating and will automatically adjust the air flow as needed. This balance of combustion air in the correct proportion and location easily starts and sustains the primary fire, and provides a steady stream of fresh air across the viewing glass to help keep it clear.

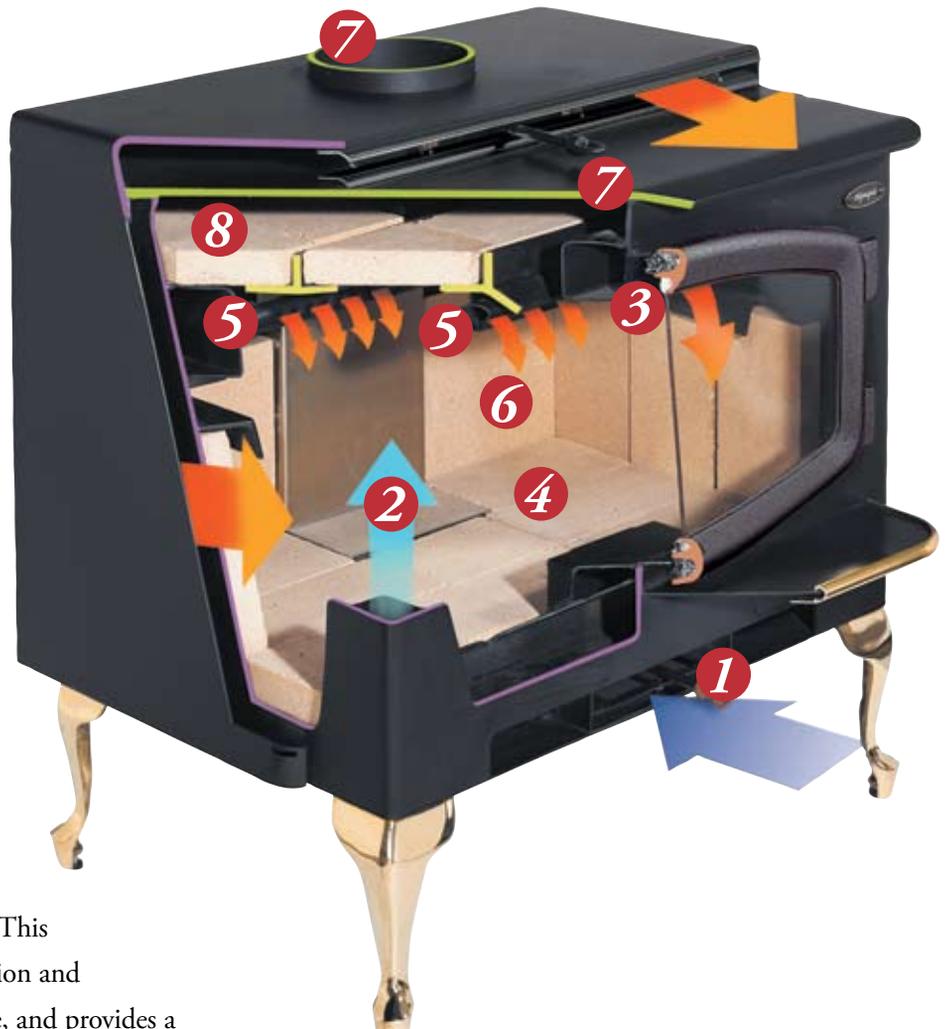
Fresh air is injected above the primary fire which creates the necessary turbulence to mix fresh oxygen with the unburned gases produced by the fire.

### ***TEMPERATURE***

Elevated temperatures within the firebox are necessary to ignite the oxygen-rich gas mixture to reduce emissions and increase efficiency. Several components work in conjunction to achieve this. The fire-box floor and walls **6** are lined with dense, clay fire-brick. The removable brick baffle **7** features the same material, which absorbs heat, then radiates it back into the unburned gases. The seamless unibody construction **8**, is 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. This heavy duty steel also contributes to higher internal firebox temperatures.

### ***TIME***

The angle, shape, and size of the masonry baffle assembly **7** has been engineered to maximize residence time of the unburned gases yet allows the stove to draft adequately. This delay of the escaping, unburned gas and the turbulent introduction of oxygen combine with the elevated temperatures to create a balanced combustion environment. The result is a beautiful fire to watch that is also clean burning and efficient to operate.



Avalon offers a wide range of options to enhance your stove and reflect your own unique sense of style. From living rooms, bedrooms, kitchens and family rooms, Avalon stoves can be customized to fit virtually any décor.

*(Options for all models except Perfect-Fit insert)*



*Brass Cast*



*Black Cast*



*Sculptured Steel*

## *Legs & Pedestals*

Legs are available in beautifully solid brass or black cast aluminum, and in simple, black painted sculpted steel leg.

Pedestals are also available for all free-standing wood stoves. Pedestals feature a smooth curved surface with wood base detail. Pedestals are designed to accept the outside combustion air kit.



## *Insert Panels*

Fireplace insert panel are available to fit and finish off the face of your fireplace opening. Panels come standard with black trim.

You also have the choice to cut the panels down for an inside fit to your fireplace opening.

## *Blowers*

Quiet, yet powerful 130 CFM front and rear blowers are available to improve the transfer of heat from the stove or inserts natural convection chamber and help circulate the heat to adjoining rooms.



*Rear Freestanding Blower*



## *Ashpan Pedestals*

The extra-large ashpan offers increased capacity for reduced maintenance between burns and a safety cover for hassle-free ash removal. Available for the Rainier and Olympic woodstoves.

## *Custom Paint*

Avalon stoves and inserts can be painted in a variety of colors to fit any décor (ask your dealer if they provide custom color choices).



**SELECT YOUR FREESTANDING STOVE** Sizing, heating and performance specifications.

The information on this page is for reference ONLY! Installation information is available through your Avalon dealer or through the Avalon website at: [www.avalonfirestyle.com](http://www.avalonfirestyle.com)

	SPOKANE 1250	SPOKANE 1750	PENDLETON		RAINIER		OLYMPIC
Emissions:	4.4 gr/hr	1.9 gr/hr	3.0 gr/hr		2.0 gr/hr		2.6 gr/hr
Heating Capacity:	600 to 1,200 sq. ft.	1,200 to 2,000 sq. ft.	600 to 1,200 sq. ft.		800 to 1,800 sq. ft.		1,500 to 2,500 sq.
Heat Output* (cord wood):	66,800 btu's/hr	72,400 btu's/hr	64,200 btu's/hr		71,800 btu's/hr		74,300 btu's/hr
Efficiency:	79.6%	78.8%	68%		71.7%		70%
Maximum Burn Times:	Up to 8 hours	Up to 10 hours	Up to 8 hours		Up to 9 hours		Up to 12 hours
Maximum Log Size:	Up to 18"	Up to 18"	Up to 17"		Up to 20"		Up to 24"
Fuel Capacity:	?	?	16 lbs.		22 lbs.		36 lbs.
	90" Flue	90" Flue	90" Flue	45" Flue	90" Flue	45" Flue	90" Flue
Width:	23 5/8"	24"	23 3/4"	23 3/4"	25 3/4"	25 3/4"	29 3/8"
Height (All Legs):	26 1/2"	26 1/2"	28 5/8"	27 7/8"	29 3/4"	29"	30"
Height (Pedestal):	29 3/4"	30 5/8"	32 1/8"	31 3/8"	33 1/4"	32 3/8"	33 3/8"
Depth:	14 5/8"	23 1/2"	16 3/8"	16 1/8"	19 3/8"	19 3/8"	20 1/2"
Flue Diameter:	6"	6"	6"	6"	6"	6"	6"
Weight:	243 lbs.	430 lbs.	285 lbs.	260 lbs.	345 lbs.	305 lbs.	465 lbs.
Steel Thickness: Top:	?	?	1/4"	1/4"	1/4"	1/4"	5/16"
Steel Thickness: Unibody:	?	?	3/16"	3/16"	3/16"	3/16"	3/16"
Firebox Capacity:	1.6 cu. ft.	2.2 cu. ft.	1.3 cu. ft.	1.3 cu. ft.	1.8 cu. ft.	1.8 cu. ft.	3.1 cu. ft.

\* Includes flue collar

**CLEARANCES TO COMBUSTIBLES** Diagrams at bottom of page. Complete installation information is available at your local Avalon dealer or at [www.avalonfirestyle.com](http://www.avalonfirestyle.com)

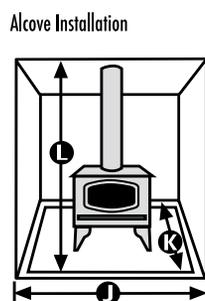
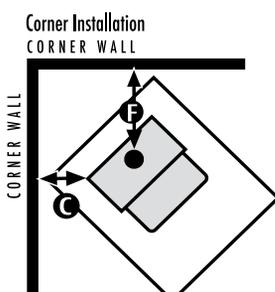
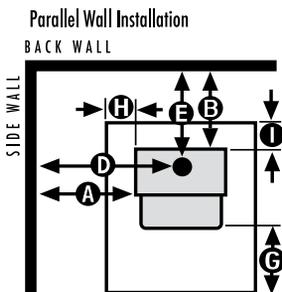
	Residential Single Wall Pipe	Reduced Clearance Double Wall Pipe	Residential Single Wall Pipe	Reduced Clearance Double Wall Pipe	Residential Single Wall Pipe	Reduced Clearance Double Wall Pipe	Residential Single Wall Pipe	Reduced Clearance Double Wall Pipe	Residential Single Wall Pipe	Reduced Clearance Double Wall Pipe					
A = Stove to Side Wall	18"	18"	15"	13"	10"	11"	10"	11"	14"	14"	14"	16"	16"	16"	16"
B = Stove to Back Wall	18"	10 1/2"	15"	4 1/4"	16 1/2"	8 1/2"	19 1/2"	13"	14 1/2"	9 1/2"	17 1/2"	14"	15"	10"	10"
C = Stove to Corner Wall	10"	10"	15"	6 1/2"	9 1/2"	7 1/2"	9 1/2"	7 1/2"	11"	7 1/2"	11"	7 1/2"	9 1/2"	7 1/2"	7 1/2"
D = Pipe to Side Wall	27"	26 1/2"	24"	21 1/2"	19"	19 1/2"	19"	19 1/2"	24"	23 1/2"	24"	25 1/2"	27 3/4"	27 1/4"	27 1/4"
E = Pipe to Back Wall	19 1/4"	11 1/4"	17 3/4"	6 1/2"	17 1/4"	8 3/4"	17 1/2"	9"	15 3/4"	10 1/4"	15 1/2"	10"	17 3/4"	12 1/4"	12 1/4"
F = Pipe to Corner Wall	17 3/4"	17 1/4"	24"	15"	17 1/2"	15"	16"	11"	20"	16"	16 1/2"	12"	21"	18 1/2"	18 1/2"

**HEARTH PROTECTION** Must be non-combustible and at least .018" thick (26 gauge)

G = Stove Front	16"	16"	16"	16"	16"	16"	16"	16"	16"	16"
H = Stove Sides	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"
I = Stove Back	6"	6"	6"	6"	6"	6"	6"	6"	6"	6"

**ALCOVE** Combustible ( See Owner's Manual for Non-Combustible Alcove Requirements)

J = Minimum Width	59 5/8"	54"	45 3/4"	45 3/4"	53 3/4"	57 3/4"	61 3/8"
K = Maximum Depth	48"	48"	48"	48"	48"	48"	48"
L = Maximum Height	84"	84"	84"	84"	84"	84"	84"



**Approved Double Wall Connectors/Chimney**

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

- AMERI-TEC model DCC with model HS chimney
- DURAVENT model DVL with DURATEC or DURA-PLUS chimney
- I.C.C. Excel (2100-2 Can.) (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 one of the above listed connectors

In addition, models Spokane 1250, Spokane 1750, Pendleton and Rainier are also approved for any of the chimney and connectors listed below.

- 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 model 3103 chimney

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

The clearances on this page are for reference only, refer to the Owner's Manual for exact specifications prior to installation.  
 HEATING CAPACITY: May vary depending on the degree of home insulation, floor plan, and ambient temperature zone of the area in which you live.  
 BTU OUTPUT & BURN TIME: May vary depending on woodstove size, moisture content of wood, wood type, chimney draft and oxygen supply.

## SELECT YOUR FIREPLACE INSERT Sizing, heating and performance specifications.

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	PENDLETON		RAINIER		PERFECT-FIT	OLYMPIC
	For smaller homes and for zonal heating needs. 45° Flue or 90° Flue Models		For mid-sized homes and for zonal heating needs. 45° Flue or 90° Flue Models		Flush wood insert for mid-sized homes and for zonal heating.	For larger homes and those who need a primary heat source.
Heating Capacity*:	600 to 1,200 SQ. FT.		800 to 1,800 SQ. FT.		1,200 to 2,000 SQ. FT.	1,500 to 2,500 SQ. FT.
Heat Output:	64,200 BTU's/HR		71,800 BTU's/HR		73,300 BTU's/HR	74,300 BTU's/HR
Overall Efficiency*:	68%		71.7%		71.7%	70%
Max. Burn Time:	Up to 8 Hours		Up to 9 Hours		Up to 12 Hours	Up to 12 Hours
Max. Log Size:	Up to 17"		Up to 20"		Up to 24"	Up to 24"
Fuel Capacity:	16 Lbs. of Wood		22 Lbs. of Wood		22 Lbs. of Wood	24 Lbs. of Wood
Weight:	285 Lbs.		345 Lbs.		450 Lbs.	465 Lbs.
Firebox Size:	1.3 Cu. In.		1.8 Cu. In.		2.9 Cu. In.	3.1 Cu. In.
Flue Diameter:	6"		6"		6"	6"
	45° Flue	90° Flue	45° Flue	90° Flue	90° Flue	90° Flue
Height:	20"	20 3/4"	21 1/8"	21 7/8"	21 1/2"	22 1/8"
Width in Front:	23 3/4"	23 3/4"	25 3/4"	25 3/4"	28 7/8"	29 3/8"
Width in Back:	23 3/4"	23 3/4"	25 3/4"	25 3/4"	21 1/4"	29 3/8"
Overall Depth:	16 1/8"	16 3/8"	19 3/8"	19 3/8"	21 3/4"	20 1/2"
Depth on Hearth:	4 3/4"	4 7/8"	10"	5 1/8"	1 1/4"	6 3/8" FL 8 7/8" EXT
Depth Into Fireplace:	11 3/8"	11 5/8" Masonry 12 5/8" ZC	9 1/2" Masonry 10 1/2" ZC	14 1/2" Masonry 15 1/2" ZC	20 1/2"	14 1/8" FL 11 5/8" EXT

\* Wood appliance performance can be affected by negative pressure in the home and by prevailing atmospheric conditions. Contact local building or fire officials about restrictions and installation requirements in your area.

## SURROUND FACING Select the panels to enclose your fireplace opening. Measurements indicate maximum coverage area.

**OUTSIDE FIT PANELS** - Designed to fit over the existing fireplace opening. Comes standard with black trim.

8" x 8" Panels:	39 3/4" W x 28" H	41 3/4" W x 28 7/8" H	45 1/2" W x 29 1/2" H	45 1/4" W x 28 7/8" H
10" x 10" Panels:	43 3/4" W x 30" H	45 3/4" W x 30 7/8" H	49 1/2" W x 31 1/2" H	49 1/4" W x 30 7/8" H
12" x 12" Panels:	47 3/4" W x 32" H	49 3/4" W x 32 7/8" H	53 1/2" W x 33 1/2" H	53 1/4" W x 32 7/8" H

**INSIDE FIT PANELS** - All Avalon panels sets can be cut down for a custom fit to the inside edges of your existing fireplace opening. It is the least obtrusive panel system and showcases your Avalon insert.

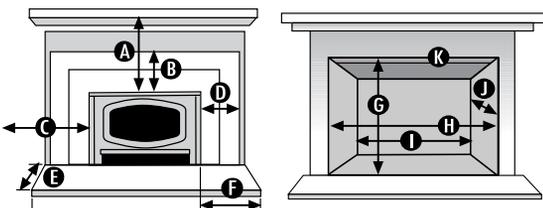
## CLEARANCES TO COMBUSTIBLES complete installation information is available at your local Avalon dealer or on our website at [www.avalonstyle.com](http://www.avalonstyle.com).

	Masonry Fireplace	Metal (ZC) Fireplace	Masonry Fireplace	Metal (ZC) Fireplace	Masonry Fireplace	Metal (ZC) Fireplace	Masonry Fireplace	Masonry Fireplace	
							Flush	Extended	
A = To Mantle	22"	24"	22"	24"	31 1/2"	24"	41 1/2" (Measured From Floor)	32"	33"
A = To Mantle w/Shield*	16 1/2"	N/A	16 1/2"	N/A	16 1/2"	N/A	N/A	19"	20"
B = To Top Facing	20"	12"	20"	12"	29 1/2"	12"	39" (Measured From Floor)	30"	31"
B = To Top Facing w/Shield*	14 1/2"	N/A	14 1/2"	N/A	14 1/2"	N/A	N/A	17"	18"
C = To Sidewall	10"	30"	10"	30"	14"	30"	9"	15"	15"
D = To Side Facing	9"	12"	9"	12"	13"	12"	9"	13 1/2"	13 1/2"
E = Hearth Depth	20 3/4"	20 3/4"	20 3/4"	20 3/4"	26"	26"	17 1/4"	22 3/8"	24 7/8"
F = Hearth Sides	8"	8"	8"	8"	8"	8"	8"	8"	8"

\* Mantle and Top Facing clearances can be reduced with the optional Mantle Shield

## SIZING YOUR EXISTING FIREPLACE Minimum fireplace measurements required for installation

Minimum Requirements:	45° Flue	90° Flue	45° Flue	90° Flue	90° Flue	Flush	Extended
G = Height	20 1/2"	21 1/4"	21 1/2"	22 1/4"	21 1/2"	22 1/4"	22 1/4"
H = Front Width	24"	24"	26"	26"	30 7/8"	29 1/2"	29 1/2"
I = Back Width	24"	24"	26"	26"	21 1/4"	29 1/2"	29 1/2"
J = Depth	11 3/8"	11 5/8" Masonry 12 5/8" ZC	9 1/2" Masonry 10 1/2" ZC	14 1/2" Masonry 15 1/2" ZC	20 1/2"	14 1/8"	11 5/8"
K = Max. Lintel	6 1/2"	4 1/2"	3 1/4"	7"	11"	5"	2 1/2"



Write In Your Fireplace Dimensions:

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

## APPROVED ZERO CLEARANCE (METAL) FIREPLACES

Both the Pendleton and Rainier Inserts are approved for installation in the following zero clearance fireplaces. See the Owner's Manual for details.

MARCO	HEATILATOR	PREWAY
MAJESTIC	SUPERIOR	TEMPCO

*Avalon stoves are proudly made in the U.S.A.*



Only the best specialty hearth retailers are chosen to be Authorized Avalon dealers. Your Avalon dealer was chosen to represent our products because of their commitment to their customers and the exceptional knowledge and service they provide. Avalon dealers have received training to help you choose the proper hearth appliance, and provide proper installation and service for your new Avalon hearth product. They are truly your local hearth products specialist.

Visit us online at

**[www.avalonfirestyle.com](http://www.avalonfirestyle.com)**

  
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