

NEO SERIES

PREMIUM CATALYTIC-FREE
WOOD STOVES



LIVING FIRE

**PACIFIC
ENERGY**

NEO 1.6 LE
NEO 2.5 LE



NEO 1.6 LE

FREESTANDING STOVE

NEO 2.5 LE

FREESTANDING STOVE

CATALYTIC-FREE TECHNOLOGY

✓ MORE DURABLE

✓ MORE RELIABLE

✓ EASIER TO OPERATE



DESIGN-A-STOVE

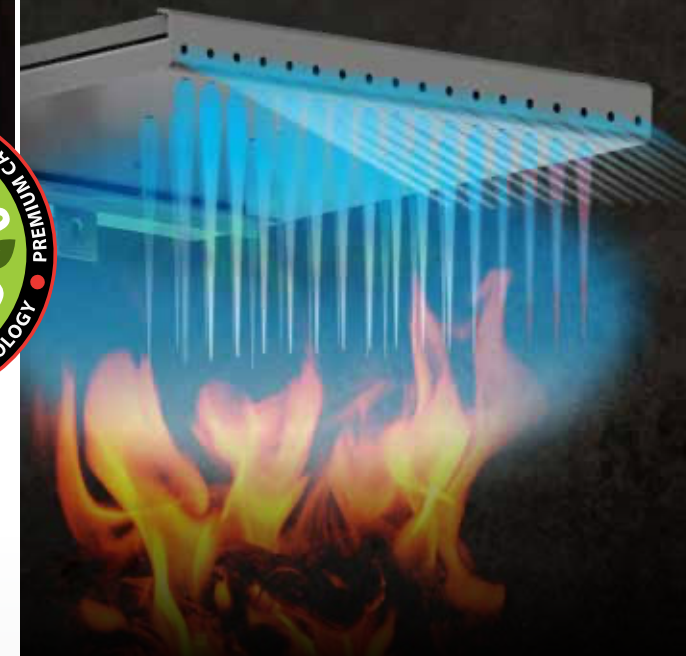
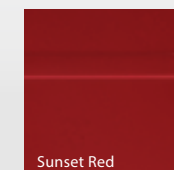
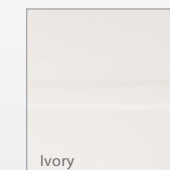
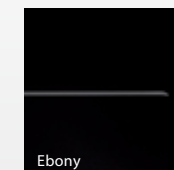
SIDE PANEL OPTIONS

The Neo 1.6 + 2.5 LE sidepanels are available in three porcelain enamel colours, metallic black or stainless steel.

STEEL



PORCELAIN ENAMEL



BAFFLE SYSTEM

Pacific Energy leads the industry in premium catalytic-free clean burn technology. Our unique high capacity baffle system preheats secondary combustion air for an extremely effective reburn. By burning the combustible elements in the air, we improve our stove's environmental performance while significantly reducing the amount of wood that is consumed.

KNIFE EDGE DOOR

A formed and welded knife edge opening creates a superior air tight seal to the door gasket while strengthening the stove face. This is a more labor intensive design but our experience has proven this is the best way to manufacture a fireplace.

EBT EXTENDED BURN TECHNOLOGY

Our second-generation Extended Burn Technology, or EBT, precisely regulates secondary airflow based on vacuum created by the chimney for a longer, cleaner, more economical burn. This automatically adjusts the secondary combustion system, for a cleaner, more efficient burn and extended burn time.

FLOATING FIREBOX

All fireboxes are subjected to wild extremes of temperatures. Solidly designed with steel brick support rails, our legendary floating system allows key parts to freely expand and contract to drastically reduce metal fatigue and add years of life to the entire appliance. The high capacity stainless steel baffle (part of the clean-burning secondary combustion system) and the flame shield (which protects the stove top from intense heat) are integral components of our legendary floating firebox system.

EPA 2020 CERTIFIED



FEATURES

- EPA 2020 Certified
- Reliable, durable catalytic-free technology
- Extended Burn Technology (EBT) (Neo 2.5 LE only)
- Air wash system for super clean ceramic glass
- High-tech multi-port combustion air injection system
- Easy to use ash disposal system
- Inside and outside combustion air capable
- Floating firebox for extended stove life
- Rich Metallic Black finish
- Heavy plate-steel top
- 304 Stainless Steel baffle, rails and flame shield
- Boost air for easy lighting
- Mobile home approved
- Leveling Legs
- Integrated Heat Exchanger
- East-West fuel loading
- Removable cast iron trivet over cooking surface (Neo 2.5 LE only)

DESIGN OPTIONS

Side panels in painted Metallic Black Steel, Stainless Steel, or a choice of three lustrous Porcelain Enamel colors

PERFORMANCE OPTIONS

Temperature-actuated variable-speed blower

The Neo 1.6 LE makes a bold statement with its tall profile for easy loading, line-of-sight view of the flame, and modern design. Like its larger cousin the Neo 2.5 LE, the Neo 1.6 LE is a true heating machine with Pacific Energy's solid steel construction and floating firebox with stainless steel baffle. Choose the color that is right for your home with side panels available in a variety of porcelain enamel colors.

The Neo 2.5 LE offers elegant, modern lines and a larger 2.5 cubic foot firebox for higher heat output. With no-stoop loading, a large glass door, and simplified air control, the Neo 2.5 LE is a practical wood stove with Pacific Energy's clean-burning technology that reduces emissions while maximizing burn length and fuel efficiency.



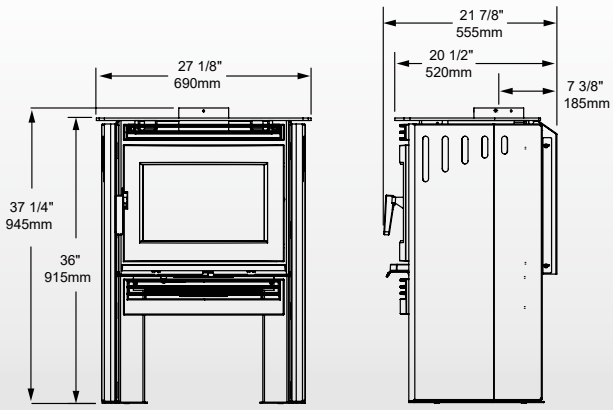
Neo 1.6 LE

Neo 2.5 LE

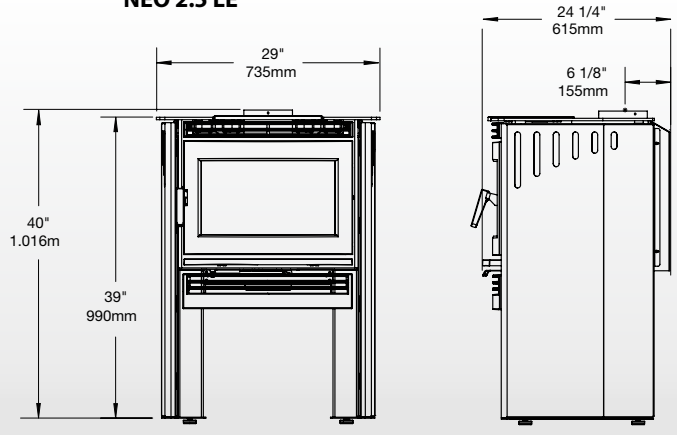
	Neo 1.6 LE	Neo 2.5 LE
Peak Output Cord Wood	56,000 BTU	85,000 BTU
EPA Test Fuel	23,200 BTU	60,000 BTU
Efficiency (HHV)	72%	72%
Emissions	1.9 gm/hr.	2.0 gm/hr.*
Log Size (recommended)	16"	17"
Log Size (max)	17"	18"
Firebox Size	1.6 cu.ft.	2.5 cu.ft.
Glass Viewing Area	173 sq.in.	184 sq.in.

*EPA Cordwood tested.

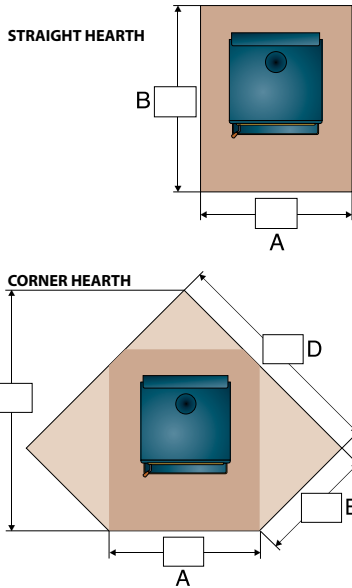
NEO 1.6 LE



NEO 2.5 LE



FLOOR PROTECTOR DIMENSIONS



CANADA

	NEO 1.6 LE					NEO 2.5 LE				
	A	B	C	D	E	A	B	C	D	E
Minimum (Not extended to back wall)	43"	45"	-	-	-	45"	49"	-	-	-
Residential, single wall, vertical connector	43"	47"	58"	56"	25-5/8"	45"	53"	64"	61-1/4"	29-3/8"
Residential, double wall, vertical connector	43"	45"	55"	54"	23-5/8"	45"	46"	57"	56 1/4"	24-3/8"
Alcove, double wall, connector	43"	45"	-	-	-	45"	46"	-	-	-
Mobile home	43"	45"	55"	54"	23 5/8"	39"	47 5/8"	57 5/8"	54 1/2"	26 7/8"

USA

	NEO 1.6 LE					NEO 2.5 LE				
	A	B	C	D	E	A	B	C	D	E
Minimum (Not extended to back wall)	33"	35"	-	-	-	35"	37-3/4"	-	-	-
Residential, single wall, vertical connector	33"	45"	56"	51"	27-5/8"	35"	49-3/4"	60-3/4"	55-3/8"	30 5/8"
Residential, double wall, vertical connector	33"	43"	53"	49"	25-5/8"	35"	42-3/4"	53-3/4"	50-3/8"	25 3/8"
Alcove, double wall, connector	33"	43"	-	-	-	35"	42-3/4"	-	-	-
Mobile home	33"	43"	53"	49"	25 5/8"	34"	45 1/2"	55 3/8"	51 1/8"	27 1/8"

CLEARANCES TO COMBUSTIBLES

		From top of stove to ceiling	STRAIGHT (VERTICAL CONNECTOR)				CORNER		ALCOVE			
			A	B	C	D	E	F	G	H	I	J
			RESIDENTIAL SINGLE WALL CONNECTOR	NEO 1.6 LE	48"	10"	10"	17-3/8"	23-1/2"	7"	20"	10"
	NEO 2.5 LE	44"	12"	12"	18"	26-1/2"	8"	20-5/8"	N/A	N/A	N/A	N/A
RESIDENTIAL DOUBLE WALL CONNECTOR	NEO 1.6 LE	48"	8"	8"	15-3/8"	15-3/8"	5"	18"	8"	8"	15-3/8"	15-3/8"
	NEO 2.5 LE	44"	5"	8"	11"	22-1/2"	3"	15-5/8"	5"	8"	11"	22-1/2"
MOBILE HOME DOUBLE WALL CONNECTOR	NEO 1.6 LE	48"	8"	8"	15"	22"	5"	18"	8"	8"	15"	22"
	NEO 2.5 LE	56"	5"	14"	15"	26"	4"	18"	5"	14"	15"	26"

LF LIVING FIRE
PAUL AGNEW | DESIGN

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