WOOD STOVES

ALDERLEA

CATALYTIC-FREE | EPA2020 CERTIFIED

PACIFIC ENERGY



FEATURING

LE2

PRODUCTS

Web edition

ALDERLEA

FREESTANDING CAST-IRON OVER STEEL STOVES



ALDERLEA T5 LE

With elegant, historic styling that adds to the decor of any room, the Alderlea Series wood stoves combine the best of cast iron and steel stoves offering radiant and convective heat, with a concealed cook top* and a huge glass window for a clean view of the flame. It's an easy-to-light, easy-to-use, long-burning wood heater with old world charm and unmatched durability.



ALDERLEA T4 LE2



ALDERLEA T5 LE



ALDERLEA T6 LE

*available only on Alderlea T5 LE and T6 LE stoves

BUILD YOUR STOVE
pacificenergy.net/product-builder



ALDERLEA T6 LE



ALDERLEA T5 LE



ALDERLEA CLASSIC

FREESTANDING CAST-IRON OVER STEEL STOVES



ALDERLEA T5 CLASSIC LE – MAJOLICA BROWN

Alderlea Classic wood stoves combine the timeless beauty of cast iron with the elegance of porcelain enamel. Rich in old-world character, each stove pairs distinctive styling with an outstanding range of standard features.



ALDERLEA T4 CLASSIC LE2 – IVORY (L) SUNSET RED (M) & MAJOLICA (R)



ALDERLEA T5 CLASSIC LE – IVORY (L) SUNSET RED (M) & MAJOLICA (R)

ALDERLEA T5 CLASSIC LE – IVORY

Design your stove
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*DUE TO THE LIMITATIONS OF THE PRINTING PROCESS, IT IS NOT POSSIBLE TO REPLICATE COLORS EXACTLY IN A PRINT FORMAT.



ALDERLEA T5 CLASSIC LE – SUNSET RED

PORCELAIN ENAMEL OPTIONS

Alderlea Classic stoves are available in three striking porcelain enamel colors – Ivory, Majolica, and Sunset Red.







EPA2020 CERTIFIED

2 GRAMS PER HOUR OR LESS

All Pacific Energy wood stoves come standard with these industry leading features:

- **EPA 2020 Certified**
- **High capacity baffle system**
- **Multi-port combustion air injection system**
- **Air wash system for super clean ceramic glass**
- **Inside and outside combustion air capable**
- **Floating firebox for extended stove life**
- **Single-Lever Air Control**
- **Mobile Home Approved**



ALDERLEA T4 LE2
ALDERLEA T4 CLASSIC LE2

For spaces up to 1500 sq. ft.

Heat Output Cord Wood

54,000 BTU

30,150 BTU EPA Test Fuel

Efficiency (HHV)	75.4%
Emissions	1.6 gm/hr.
Log Size (recommended)	16"
Log Size (max)	18"
Firebox Size	1.4 cu.ft.
Viewing Area (Approx)	9 ¼" x 15 ⅝"
Max Burn Time (Approx)	7-10 Hours[1]

ALDERLEA T4 LE2

STANDARD FEATURES
ACMS (Advanced Combustion Management System)
Reliable, durable, catalytic-free technology
304 Stainless Steel Baffle, Tubes, Insulation Cover,
Rails and Flame Shield
Boost air for easy lighting
Easy to use ash disposal system
Fits close wall clearances without heat shields
6" flue
East-West loading

ALDERLEA T4 CLASSIC LE2
Alderlea T4 Classic LE2 is available in three porcelain enamel colors – Majolica, Sunset Red, and Ivory

PERFORMANCE OPTIONS
Temperature-Actuated Variable-Speed Blower

ALDERLEA T5 LE
ALDERLEA T5 CLASSIC LE

For spaces up to 2000 sq. ft.

Heat Output Cord Wood

72,000 BTU

38,200 BTU EPA Test Fuel

Efficiency (HHV)	71.3%
Emissions	1.8 gm/hr.
Log Size (recommended)	17"
Log Size (max)	18"
Firebox Size	2.1 cu.ft.
Viewing Area (Approx)	9 ⅝" x 16 ½"
Max Burn Time (Approx)	7-10 Hours[1]

ALDERLEA T5 LE

STANDARD FEATURES
Reliable, durable, catalytic-free technology
Extended Burn Technology (EBT)
304 Stainless Steel Baffle, Insulation Cover,
Rails and Flame Shield
Boost air for easy lighting
Easy to use ash disposal system
Swing out food warming shelves
Concealed cook top fits 6" x 13" pan
Fits close wall clearances without heat shields
6" flue
North-South loading

ALDERLEA T5 CLASSIC LE
Alderlea T5 Classic LE is available in three porcelain enamel colors – Majolica, Sunset Red, and Ivory.

PERFORMANCE OPTIONS
Temperature-Actuated Variable-Speed Blower

ALDERLEA T6 LE

For spaces up to 3000 sq. ft.

Heat Output Cord Wood

99,000 BTU

41,275 BTU EPA Test Fuel

Efficiency (HHV)	74%
Emissions	1.8 gm/hr.
Log Size (recommended)	18"
Log Size (max)	20"
Firebox Size	2.5 cu.ft.
Viewing Area (Approx)	9 ⅝" x 18 ⅞"
Max Burn Time (Approx)	9-12 Hours[1]

ALDERLEA T6 LE

STANDARD FEATURES
Reliable, durable, catalytic-free technology
Extended Burn Technology (EBT)
304 Stainless Steel Baffle, Insulation Cover,
Rails and Flame Shield
Boost air for easy lighting
Easy to use ash disposal system
Metallic black cast iron finish
Swing out food warming shelves
Concealed cook top fits 6" x 13" pan
Fits close wall clearances without heat shields
6" flue
North-South loading

PERFORMANCE OPTIONS
Temperature-Actuated Variable-Speed Blower

[1]Burn times depend on draft, fuel, loading, and user input.

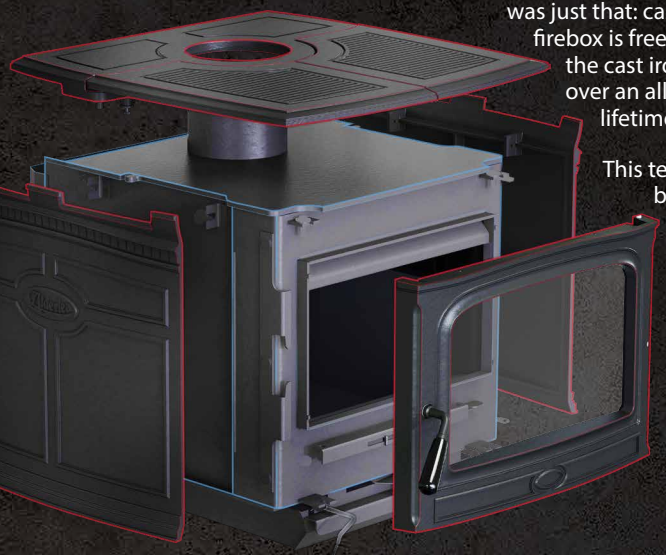
LIMITED PACIFIC ENERGY LIFETIME PACIFICENERGY FIREPLACE PRODUCTS WARRANTY

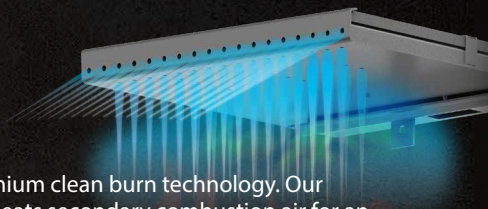
PACIFIC ENERGY

CAST IRON **OVER STEEL**

Until we pioneered the Alderlea line, and its revolutionary iron-wrapped steel firebox, a cast-iron stove was just that: cast iron. The Alderlea design makes the most of each metal: the steel stove and floating firebox is free to expand and contract, and its design maximizes convective heat efficiency, while the cast iron wrapping provides radiant heat. This superior system greatly extends longevity over an all cast stove. Metal fatigue is no longer a factor, allowing us to offer the industry's first lifetime warranty on a cast stove.

This technical innovation lives "under the skin" of the Alderlea line, which maintains the beloved traditional wood stove appearance. We say it's "powered by design, and crafted by tradition".





BAFFLE **SYSTEM**

Pacific Energy leads the industry in premium 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 consumed.

Pacific Energy's Extended Burn **Technologies**



ACMS (LE2 Only)

The Advanced Combustion Management System (ACMS) is the next evolution of EBT. It further improves burn times, efficiency, and emissions by intelligently fine-tuning combustion air.

EBT2 (LE Only)

The second generation of Extended Burn Technology, the EBT2 is field proven to be highly effective at controlling the secondary burn system, extending burn times and reducing overall emissions.

Pacific Energy Secondary Combustion System

Our standard secondary combustion engine uses all stainless-steel components to supply secondary air for the combustion of smoke and particulate matter. This non-catalytic system is ultra-reliable, clean and efficient, providing years of consistent performance.

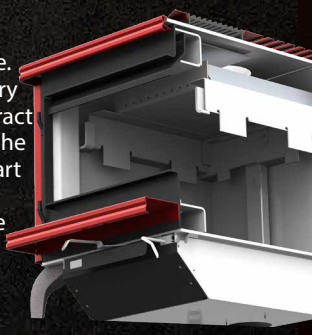
AIR **WASH**

Pacific Energy developed the first effective air wash manifold systems, a design that flows pre-heated air to the glass surface to keep it clean. A refined design now creates a high-pressure zone in the center and forces air to flow from above and across the glass. Even at low air settings, we are confident that our air wash system is the most effective available. And that our glass doors are among the cleanest in the industry.



FLOATING **FIREBOX**

All fireboxes are subjected to wild extremes of temperature. 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.



SELF SEALING **ASH DUMP SYSTEM**

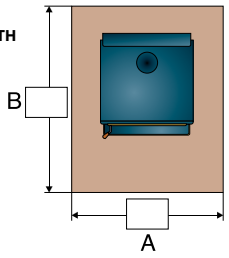
Our self-sealing ash dump system, with its spring-loaded trap door provides a time saving, hassle-free ash removal solution that, frankly, has yet to be equaled. Pacific Energy's machined steel, spring loaded ash removal system is opened from outside the stove and closes automatically for safety and convenience when you're done.

@pacificenergyfireplaceproducts

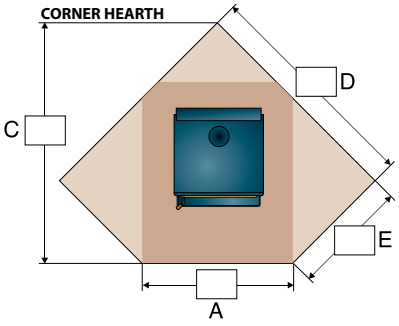
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FLOOR PROTECTOR DIMENSIONS

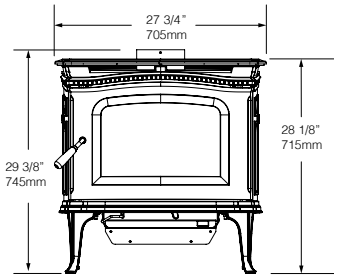
STRAIGHT HEARTH

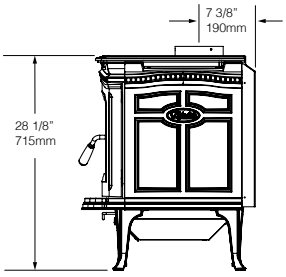


CORNER HEARTH

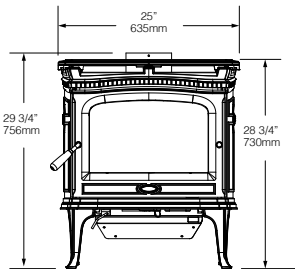


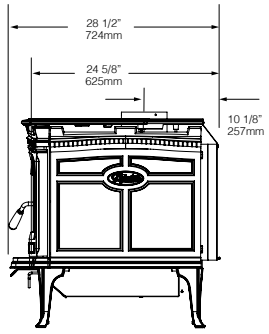
ALDERLEA T4 LE2



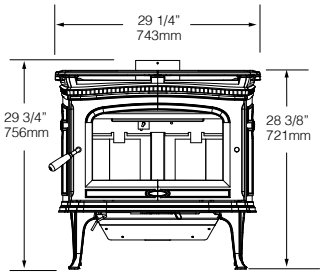


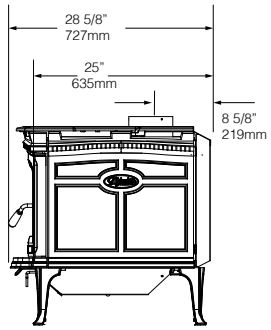
ALDERLEA T5 LE





ALDERLEA T6 LE





CANADA

	ALDERLEA T4 LE2 & ALDERLEA T4 CLASSIC LE2					ALDERLEA T5 LE & ALDERLEA T5 CLASSIC LE					ALDERLEA T6 LE				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
Minimum (Not extended to back wall)	44"	45"	-	-	-	40"	50 3/4"	-	-	-	43"	51"	-	-	-
Residential, single wall, vertical connector	44"	45"	58 3/4"	57 1/8"	26"	40"	50 3/4"	62 3/8"	58 1/4"	30"	43"	51"	62 7/8"	59 5/8"	29 1/4"
Residential, double wall, vertical connector	44"	45"	55 7/8"	55 1/8"	24"	40"	50 3/4"	58 1/8"	55 1/4"	27"	43"	51"	61 3/8"	58 5/8"	28 1/4"
Alcove, double wall, connector	44"	45"	-	-	-	40"	50 3/4"	-	-	-	43"	51"	-	-	-
Mobile home	44"	45"	55 7/8"	55 1/8"	24"	40"	50 3/4"	58 1/8"	55 1/4"	27"	43"	51"	61 3/8"	58 5/8"	28 1/4"

USA

	ALDERLEA T4 LE2 & ALDERLEA T4 CLASSIC LE2					ALDERLEA T5 LE & ALDERLEA T5 CLASSIC LE					ALDERLEA T6 LE				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
Minimum (Not extended to back wall)	34"	35"	-	-	-	34"	40 1/2"	-	-	-	36"	41"	-	-	-
Residential, single wall, vertical connector	34"	35"	56 3/4"	52 1/8"	28"	34"	40 1/2"	60 3/8"	54 3/4"	30 5/8"	36"	41"	60 7/8"	55 3/4"	30 1/4"
Residential, double wall, vertical connector	34"	35"	53 7/8"	50 1/8"	26"	34"	40 1/2"	56 1/8"	51 3/4"	27 5/8"	36"	41"	59 3/8"	54 3/4"	29 1/4"
Alcove, double wall, connector	34"	35"	-	-	-	34"	40 1/2"	-	-	-	36"	41"	-	-	-
Mobile home	34"	35"	53 7/8"	50 1/8"	26"	34"	40 1/2"	56 1/8"	51 3/4"	27 5/8"	36"	41"	59 3/8"	54 3/4"	29 1/4"

CLEARANCES TO COMBUSTIBLES

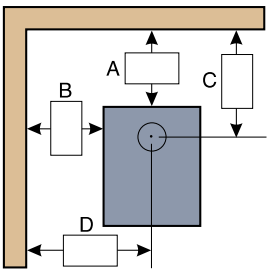
		From top of stove to ceiling	STRAIGHT (VERTICAL CONNECTOR)				CORNER		ALCOVE			
			A	B	C	D	E	F	G	H	I	J
RESIDENTIAL SINGLE WALL CONNECTOR	ALDERLEA T4 LE2 & T4 CLASSIC LE2	55"	10"	10"	17 3/8"	23 7/8"	7"	20 1/2"	10"	10"	17 3/8"	23 7/8"
	ALDERLEA T5 & T5 CLASSIC LE	55"	8"	14"	18"	26"	7"	21"	N/A	N/A	N/A	N/A
	ALDERLEA T6 LE	55"	9"	14"	17 5/8"	28 3/4"	6"	20 1/8"	N/A	N/A	N/A	N/A
RESIDENTIAL DOUBLE WALL CONNECTOR	ALDERLEA T4 LE2 & T4 CLASSIC LE2	55"	8"	8"	15 3/8"	21 7/8"	5"	18 1/2"	8"	8"	15 3/8"	21 7/8"
	ALDERLEA T5 & T5 CLASSIC LE	55"	5"	14"	15"	26"	4"	18"	5"	14"	15"	26"
	ALDERLEA T6 LE	55"	7 1/2"	13"	16 1/8"	27 5/8"	5"	19 1/8"	10"	16"	18 5/8"	30 5/8"
MOBILE HOME DOUBLE WALL CONNECTOR	ALDERLEA T4 LE2 & T4 CLASSIC LE2	55"	8"	8"	15 3/8"	21 7/8"	5"	18 1/2"	8"	8"	15 3/8"	21 7/8"
	ALDERLEA T5 & T5 CLASSIC LE	55"	5"	14"	15"	26"	4"	18"	N/A	N/A	N/A	N/A
	ALDERLEA T6 LE	55"	10"	18"	18 5/8"	32 5/8"	8"	22 1/8"	N/A	N/A	N/A	N/A

For reference only. Installation must be based on the appliance manual and/or rating label. Specifications subject to change.
(1) Distances are from Firebox Side. (2) Distances are from the Blower Covers. (*)Distances are from the top.

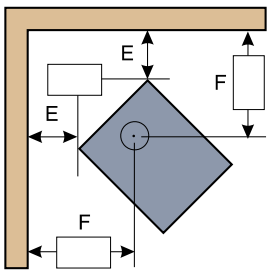
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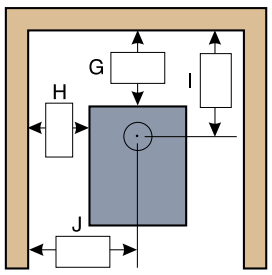
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STRAIGHT



CORNER



ALCOVE