PACIFIC ENERGY

ALDERLEA

CAST-IRON OVER STEEL SERIES

WOOD BURNING STOVES

FOR HEATING SMALL TO LARGE SPACES

ALDERLEA 1.2
ALDERLEA 1.2 CLASSIC
ALDERLEA T4
ALDERLEA T4 CLASSIC
ALDERLEA T5
ALDERLEA T5 CLASSIC
ALDERLEA T6

ALDERLEA

CAST-IRON OVER STEEL

FREESTANDING STOVE

Alderlea woodstoves redefine the centuries-old charm of the cast iron stove with today's high efficiency woodburning technology. By wrapping a graceful cast iron profile around legendary Pacific Energy steel fireboxes, the Alderlea's innovative structure delivers both radiant and convective heat for efficient, powerful performance, while greatly extending the life of the stove. Metal fatigue is reduced, providing you many years of low-maintenance operation and exceptional heat.

Easy-to-light and easy-to-use, Alderlea woodstoves boast an outstanding list of standard features from our industry leading air-wash technology for a super clean glass to our innovative ash disposal system.* And for your assurance of warmth and peace of mind, we further our commitment to quality and innovation with Pacific Energy's Limited Lifetime Warranty—we know of no better cast iron woodstove guarantee.

*ash disposal system not available on the Alderlea 1.2 and 1.2 Classic

SPECS & FEATURES

ALDERLEA 1.2

For spaces 400 to 750 sq. ft.
Heat Output Cord Wood

30,000 BTU

26,300 BTU EPA Test Fuel

Efficiency (LHV)	80.4%
Emissions	2.6 gm/hr.
Log Size (Recommended)	16 in.
Log Size (Max)	17 in.
Firebox Size	1.2 cu.ft.
Glass Size	173 sq.in.
Weight	300 lb.

ALDERLEA T4

For spaces up to 1500 sq. ft.
Heat Output Cord Wood

56,000 BTU

26,300 BTU EPA Test Fuel

Efficiency (LHV)	75.5%
Emissions	2.9 gm/hr.
Log Size (Recommended)	16 in.
Log Size (Max)	18 in.
Firebox Size	1.4 cu.ft.
Glass Size	118 sq.in.
Weight	430 lb.

ALDERLEA T5

For spaces up to 2000 sq. ft.
Heat Output Cord Wood

72,000 BTU

34,600 BTU EPA Test Fuel

Efficiency (LHV)	80.7%
Emissions	3.4 gm/hr.
Log Size (Recommended)	16 in.
Log Size (Max)	18 in.
Firebox Size	2.1 cu.ft.
Glass Size	196 sq.in.
Weight	490 lb.

ALDERLEA T6

For spaces up to 3000 sq. ft.
Heat Output Cord Wood

99,000 BTU

38,600 BTU EPA Test Fuel

Efficiency (LHV)	80.4%
Emissions	3.9 gm/hr.
Log Size (Recommended)	18 in.
Log Size (Max)	20 in.
Firebox Size	3.0 cu.ft.
Glass Size	239 sq.in.
Weight	560 lb.

STANDARD FEATURES

EPA Certified
Cast-iron over steel
Durable non-catalytic technology
Floating firebox for extended stove life
Multi-port combustion air injection system
Airwash technology for clear, clean glass
Inside and outside combustion air capable
Boost air for easy lighting
Close wall clearances without heat shields
304 stainless steel baffle
Mobile home approved
6" flue outlet

PERFORMANCE OPTIONS

Temperature-actuated variable-speed blower

UNIQUE FEATURES

1.2 & 1.2 CLASSIC

Extended burn technology
East-west loading
Field convertible to top, or rear vent
Optional 8" legs

1.2 CLASSIC

Antique White or Majolica Brown porcelain enamel finish over cast iron

T4 & T4 CLASSIC

East-west loading
Swing out warming shelves
Concealed cooktop fits 6" x 13" pan
Self sealing ash dump system

T4 CLASSIC

Antique White or Majolica Brown porcelain enamel finish over cast iron
Decorative door inset in Antique White or Majolica Brown porcelain

T5 & T5 CLASSIC

North-South loading
Swing out warming shelves
Concealed cooktop fits 9" x 11" pan
Self sealing ash dump system

T5 CLASSIC

Antique White or Majolica Brown porcelain enamel finish over cast iron
Decorative door inset in Antique White or Majolica Brown porcelain

T6

Extended burn technology
North-south loading
Swing out warming shelves
Concealed cooktop fits 12" x 15" pan
Self sealing ash dump system

WARMING SHELVES

In true pioneer style, Alderlea woodstoves have a practical side. The T4, T5 and T6 allow meals to be prepared effortlessly with swing-out warming shelves to reveal a concealed cooking surface – take on the next power outage with cooking and warming space to spare!

ALDERLEA CLASSIC

PORCELAIN ENAMEL CAST-IRON OVER STEEL

FREESTANDING STOVE

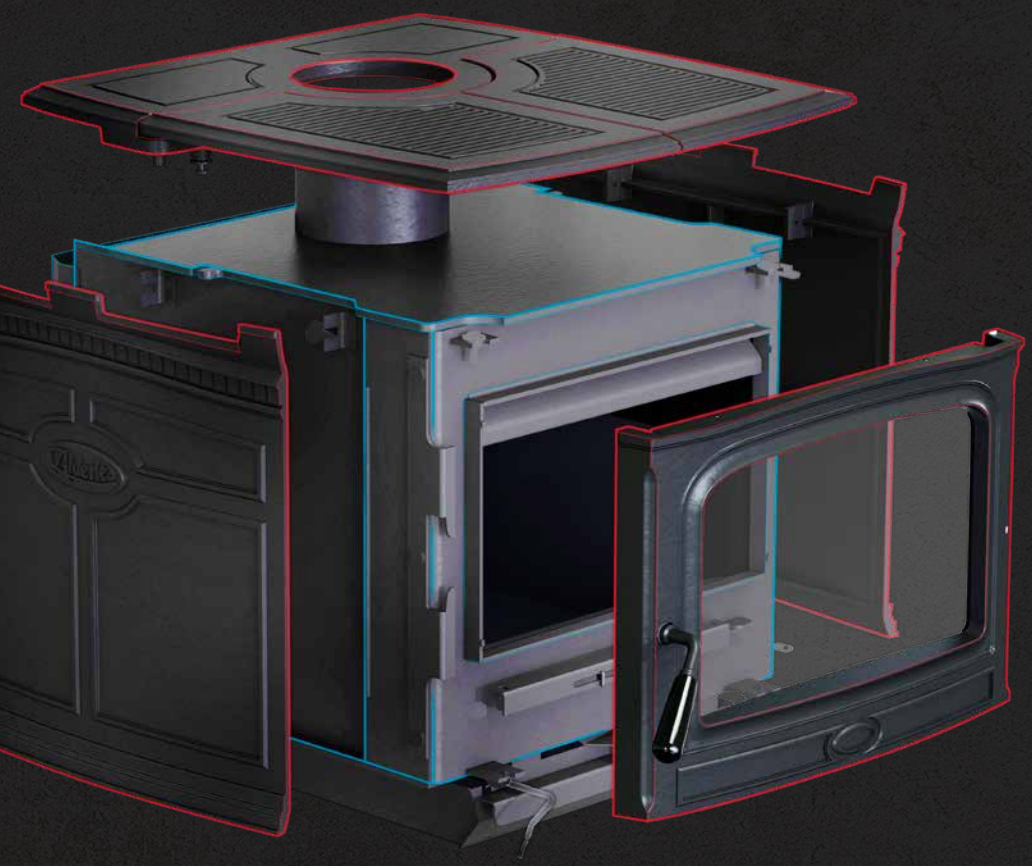
Heat beautifully and efficiently with the historic charm of cast iron in lustrous porcelain enamel. Alderlea Classic porcelain enamel woodstoves create a warm, elegant atmosphere in your home with the jewel-like chestnut coating of Majolica enamel, or the aged patina of Antique White enamel. Available in three sizes, Alderlea Classics offer exceptional style and heating performance for small to larger spaces.

Tailor your stove's glass door with an optional decorative inset. Available for the T4 & T5 Classic in Majolica or Antique White porcelain enamel.

T5 Classic
Majolica Brown

T4 Classic
Antique White

1.2 Classic
Antique White



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 woodstove appearance. We say it's "powered by design, and crafted by tradition".

BAFFLE **SYSTEM**

Pacific Energy is a recognized industry leader in "clean burn" technology, as exemplified in our unique high capacity baffle system for preheating secondary combustion air for re-burning. By burning the combustible elements in the air, we improve our stoves' environmental performance while significantly reducing the amount of wood that is consumed.

FLOATING **FIREBOX**

Our floating firebox system is legendary in the industry. Solidly designed with steel brick-support rails, it allows key parts to freely expand and contract, which reduces metal fatigue and adds years of life to the entire fireplace. The steel baffle (part of the clean-burning secondary combustion system) and the flame shield (which protects the stove top from intense heat) are all part of the floating firebox system.

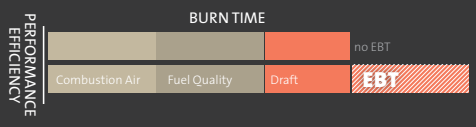
SELF SEALING **ASH DUMP SYSTEM**

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 sytems is opened from outside the stove and closes automatically for safety and convenience when you're done.

LIMITED PACIFIC ENERGY ·LIFETIME· PACIFICENERGY FIREPLACE PRODUCTS WARRANTY

EBT **EXTENDED BURN**
TECHNOLOGY

Our 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.

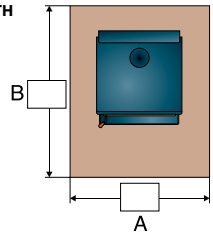


AIR **WASH**
A SYSTEM BY PACIFIC ENERGY

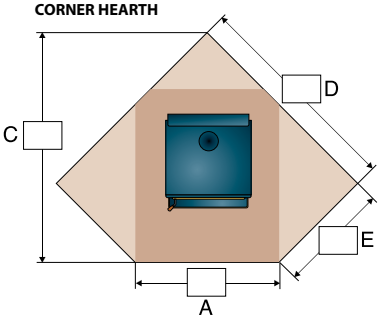
Pacific Energy developed the first effective airwash manifold systems, a design that flows pre-heated air to the glass surface to keep it clean. A refined design now creates a high-pressure zone in the center and forces air to flow from above and across the glass. Even at low air settings, we are confident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

FLOOR PROTECTOR DIMENSIONS

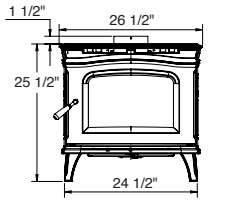
STRAIGHT HEARTH

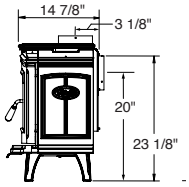


CORNER HEARTH



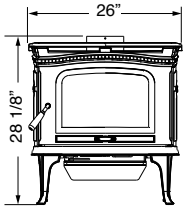
ALDERLEA 1.2

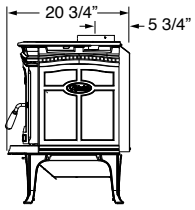




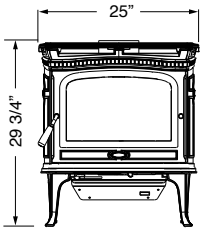
Shown with 6" legs

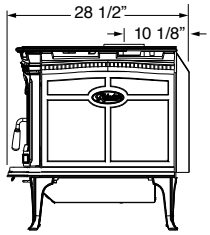
ALDERLEA T4



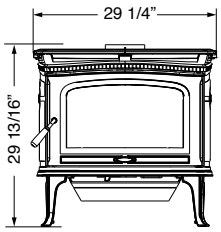


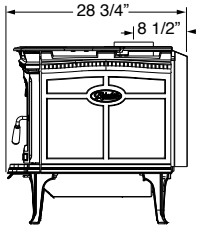
ALDERLEA T5





ALDERLEA T6





CANADA

	ALDERLEA 1.2 I 1.2 CLASSIC					ALDERLEA T4 I T4 CLASSIC					ALDERLEA T5 I T5 CLASSIC					ALDERLEA T6				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
Minimum (Not extended)	40 3/4"	39"	-	-	-	40"	43 1/4"	-	-	-	40"	50 1/2"	-	-	-	43"	50 1/2"	-	-	-
Residential, single wall, vertical	40 3/4"	42"	53"	51 7/8"	23"	40"	50 1/4"	60 7/8"	57 1/4"	29"	40"	54 1/2"	67 7/8"	62 1/8"	33 7/8"	43"	51 1/2"	66"	62"	31 1/2"
Residential, horizontal Flue	40 3/4"	37"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential, double wall, vertical connector	40 3/4"	40"	47 1/4"	47 7/8"	19"	40"	42 1/4"	51"	50 1/4"	22"	40"	47 1/2"	58"	55 1/8"	26 7/8"	43"	50"	64 3/4"	61"	30 1/2"
Alcove, double wall, connector	40 3/4"	40"	-	-	-	40"	46 1/4"	-	-	-	40"	52 1/2"	-	-	-	43"	52 1/2"	-	-	-
Mobile home	40 3/4"	40"	47 1/4"	47 3/4"	19"	40"	47 1/4"	58 1/8"	55 1/4"	27"	40"	50 1/2"	63 5/8"	59 1/8"	30 7/8"	43"	52 1/2"	69"	64"	33 1/2"

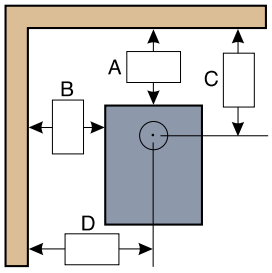
USA

	ALDERLEA 1.2 I 1.2 CLASSIC					ALDERLEA T4 I T4 CLASSIC					ALDERLEA T5 I T5 CLASSIC					ALDERLEA T6				
	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
Minimum (Not extended)	33 3/8"	29"	-	-	-	32"	33 1/4"	-	-	-	34"	40 1/2"	-	-	-	36"	40 1/2"	-	-	-
Residential, single wall, vertical	33 3/8"	40"	60"	47 7/8"	24 1/4"	32"	48 1/4"	58 7/8"	53"	30 3/8"	34"	52 1/2"	65 7/8"	58 3/8"	34 1/4"	36"	49 1/2"	60"	54 3/4"	30"
Residential, horizontal Flue	33 3/8"	35"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residential, double wall, vertical connector	33 3/8"	38"	45 1/4"	43 3/4"	20 1/4"	32"	40 1/4"	49"	46"	23 3/8"	34"	45 1/2"	55 5/8"	51 3/8"	27 1/4"	36"	48"	58 1/2"	53 3/4"	29"
Alcove, double wall, connector	33 3/8"	38"	-	-	-	32"	44 1/4"	-	-	-	34"	50 1/2"	-	-	-	36"	50 1/2"	-	-	-
Mobile home	33 3/8"	38"	45 1/4"	43 3/4"	20 1/4	32"	45 1/4"	56 1/8"	51"	28 3/8"	34"	48 1/2"	61 1/4"	55 3/8"	31 1/4"	36"	50 1/2"	62 3/4"	56 3/4"	32"

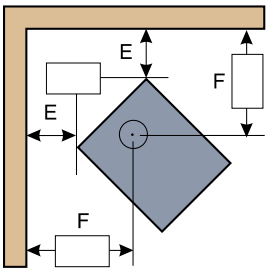
CLEARANCES TO COMBUSTABLES

		From top of stove to ceiling	STRAIGHT (VERTICAL CONNECTOR)				STRAIGHT (HORIZONTAL CONNECTOR)				CORNER		ALCOVE			
			A	B	C	D	A	B	C	D	E	F	G	H	I	J
RESIDENTIAL SINGLE WALL CONNECTOR	**ALDERLEA 1.2 (Vertical Flue)**	56 1/2"	11"	8"	14"	21 1/4"	N/A	N/A	N/A	N/A	7"	17 3/4"	N/A	N/A	N/A	N/A
	ALDERLEA 1.2 (Horizontal Flue)	56 1/2"	N/A	N/A	N/A	N/A	6"	7"	9"	20 1/4"	N/A	N/A	6"	7"	9"	20 1/4"
	ALDERLEA T4	56 3/4"	15"	14"	20 3/4"	26"	13"	14"	18 3/4"	26"	10"	22 5/8"	N/A	N/A	N/A	N/A
	ALDERLEA T5	55 1/4"	12"	18"	22"	30"	8"	14"	18"	26"	11"	25"	N/A	N/A	N/A	N/A
	ALDERLEA T6	56 1/2"	9"	14"	17 3/4"	28 3/4"	9"	14"	17 3/4"	28 3/4"	6"	20 1/4"	N/A	N/A	N/A	N/A
RESIDENTIAL DOUBLE WALL CONNECTOR	**ALDERLEA 1.2 (Vertical Flue)**	56 1/2"	9"	7"	12"	20 1/4"	9"	7"	12"	20 1/4"	3	13 3/4"	9"	7"	12"	20 1/4"
	ALDERLEA 1.2 (Horizontal Flue)	56 1/2"	N/A	N/A	N/A	N/A	6"	7"	9"	20 1/4"	N/A	N/A	6"	7"	9"	20 1/4"
	ALDERLEA T4	56 3/4"	7"	12"	12 3/4"	24"	7"	12"	12 3/4"	24"	3"	15 5/8"	11"	12"	16 3/4"	24"
	ALDERLEA T5	55 1/4"	5"	14"	15"	26"	5"	14"	15"	26"	4"	18"	10"	16"	20"	28"
	ALDERLEA T6	56 1/2"	7 1/2"	13"	16 1/4"	27 3/4"	7 1/2"	13"	16 1/4"	27 3/4"	5"	19 1/4"	10"	16"	18 3/4"	30 3/4"
MOBILE HOME DOUBLE WALL CONNECTOR	**ALDERLEA 1.2 (Vertical Flue)**	56 1/2"	9"	7"	12"	20 1/4	9"	7"	12"	20 1/4"	3"	13 3/4"	9"	7"	12"	20 1/4"
	ALDERLEA 1.2 (Horizontal Flue)	56 1/2"	N/A	N/A	N/A	N/A	6"	7"	9"	20 1/4"	N/A	N/A	6"	7"	9"	20 1/4"
	ALDERLEA T4	56 3/4"	12"	12"	17 3/4"	24"	N/A	N/A	N/A	N/A	8"	20 5/8"	N/A	N/A	N/A	N/A
	ALDERLEA T5	55 1/4"	8"	16"	18"	28"	N/A	N/A	N/A	N/A	8"	22"	N/A	N/A	N/A	N/A
	ALDERLEA T6	56 1/2"	10"	18"	18 3/4"	32 3/4"	N/A	N/A	N/A	N/A	8"	22 1/4"	N/A	N/A	N/A	N/A

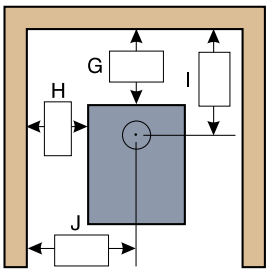
For reference only. Installations should be based on manuals and rating labels.



STRAIGHT



CORNER



ALCOVE

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