

WOOD STOVES  
**ALDERLEA**

CATALYTIC-FREE | EPA2020 CERTIFIED

**PACIFIC  
ENERGY**



# ALDERLEA

FREESTANDING CAST-IRON  
OVER STEEL STOVES



With elegant, historic styling that adds to the decor of any room, the Alderlea Series LE wood stoves combine the best of cast iron and steel stoves: offering radiant and convective heat, with a concealed cooktop\* 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 T5 LE



ALDERLEA T4 LE



ALDERLEA T5 LE



ALDERLEA T6 LE

\*available only on Alderlea T5 LE and T6 LE stoves





**BUILD YOUR STOVE**  
[pacificenergy.net/build-your-stove](http://pacificenergy.net/build-your-stove)



ALDERLEA T6 LE



ALDERLEA T5 LE



# ALDERLEA CLASSIC

FREESTANDING CAST-IRON  
OVER STEEL STOVES



The timeless beauty of cast iron with the added grace of porcelain enamel - the Alderlea Classic wood stoves are full of old-world charm and elegance, and boast an outstanding list of standard features.

ALDERLEA T5 CLASSIC LE - MAJOLICA BROWN



ALDERLEA T4 CLASSIC LE - IVORY (L) & MAJOLICA (R)

ALDERLEA T5 CLASSIC LE - SUNSET RED (L) & MAJOLICA (R)





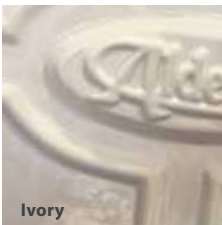
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ALDERLEA T5 CLASSIC LE – SUNSET RED

#### PORCELAIN ENAMEL OPTIONS

Available for Alderlea T4 Classic



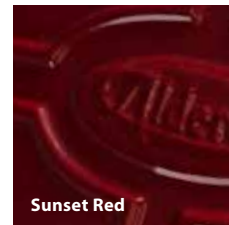
Ivory



Majolica



Antique White



Sunset Red

Alderlea Classic stoves are available in four striking porcelain enamel colors – Ivory and Majolica for the Alderlea T4 Classic LE model and Majolica, Antique White and Sunset Red for the Alderlea T5 Classic LE model.

Available for Alderlea T5 Classic

**EPA 2020  
CERTIFIED**



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

- EPA 2020 Certified
- Reliable, durable, catalytic-free technology
- 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 LE ALDERLEA T4 CLASSIC LE

For spaces up to 1500 sq. ft.

Heat Output Cord Wood  
**56,000 BTU**

23,200 BTU EPA Test Fuel

|                        |            |
|------------------------|------------|
| Efficiency (HHV)       | 72%        |
| Emissions              | 1.9 gm/hr. |
| Log Size (recommended) | 16"        |
| Log Size (max)         | 17"        |
| Firebox Size           | 1.6 cu.ft. |
| Viewing Area           | 152 sq.in. |



## 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) | 16"        |
| Log Size (max)         | 18"        |
| Firebox Size           | 2.1 cu.ft. |
| Viewing Area           | 163 sq.in. |



## 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           | 3.0 cu.ft. |
| Viewing Area           | 185 sq.in. |

### ALDERLEA T4 LE

#### STANDARD FEATURES

304 Stainless Steel Baffle, Tubes, 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 LE

Alderlea T4 Classic LE is available in two porcelain enamel colours – Majolica and Ivory

#### PERFORMANCE OPTIONS

Temperature-Actuated Variable-Speed Blower

### ALDERLEA T5 LE

#### STANDARD FEATURES

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 cooktop 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 colours – Majolica, Sunset Red, and Antique White

#### PERFORMANCE OPTIONS

Temperature-Actuated Variable-Speed Blower

### ALDERLEA T6 LE

#### STANDARD FEATURES

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 cooktop fits 6"x 13" pan  
Fits close wall clearances without heat shields  
6" flue  
North-South loading

#### PERFORMANCE OPTIONS

Temperature-Actuated Variable-Speed Blower



## 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 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 consumed.



## 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.



## EBT2 **EXTENDED BURN**

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

| PERFORMANCE<br>EFFICIENCY | BURN TIME      |              |            |
|---------------------------|----------------|--------------|------------|
|                           | Combustion Air | Fuel Quality | Draft      |
|                           |                |              | no EBT     |
|                           |                |              | <b>EBT</b> |



## 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.



## 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.

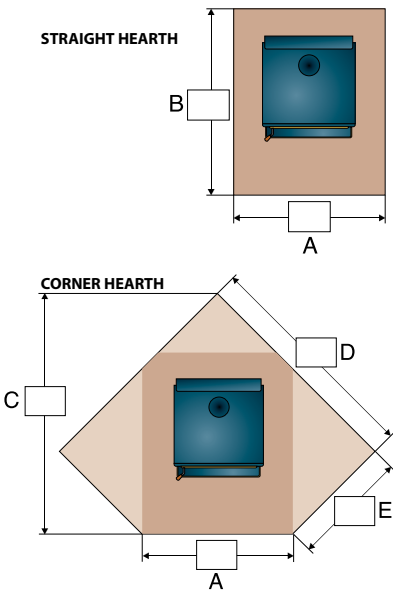


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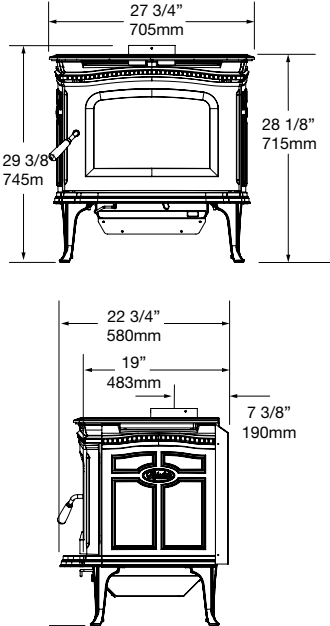
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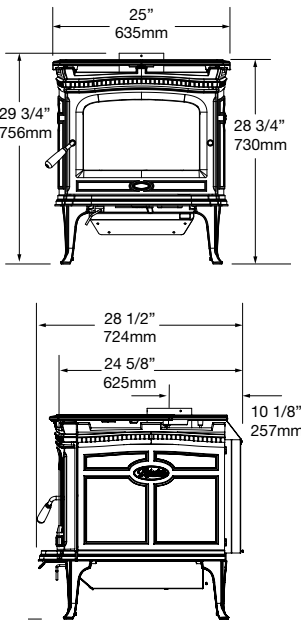
FLOOR PROTECTOR DIMENSIONS



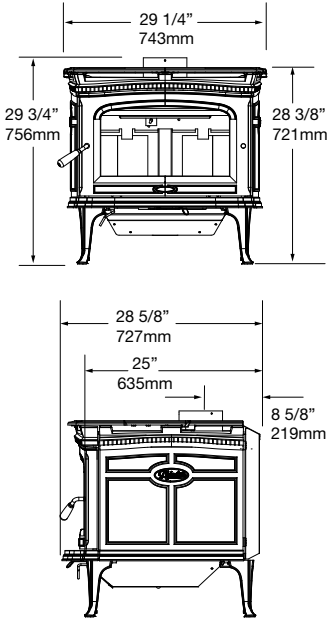
ALDERLEA T4 LE



ALDERLEA T5 LE



ALDERLEA T6 LE



CANADA

|                                              | ALDERLEA T4 LE & ALDERLEA T4 CLASSIC LE |     |         |         |     | 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"                                     | 47" | 58 3/4" | 57 1/8" | 26" | 40"                                     | 54 3/4" | 62 3/8" | 58 1/4" | 30" | 43"            | 52"     | 62 7/8" | 59 5/8" | 29 1/4" |
| Residential, double wall, vertical connector | 44"                                     | 45" | 55 7/8" | 55 1/8" | 24" | 40"                                     | 47 3/4" | 58 1/8" | 55 1/4" | 27" | 43"            | 50 1/2" | 61 3/8" | 58 5/8" | 28 1/4" |
| Alcove, double wall, connector               | 44"                                     | 45" | -       | -       | -   | 40"                                     | 52 3/4" | -       | -       | -   | 43"            | 53"     | -       | -       | -       |
| Mobile home                                  | 44                                      | 45" | 55 7/8" | 55 1/8" | 24" | 40"                                     | 50 3/4" | 58 1/8" | 55 1/4" | 27" | 43"            | 53"     | 65 5/8" | 61 5/8" | 31 1/4" |

USA

|                                              | ALDERLEA T4 LE & ALDERLEA T4 CLASSIC LE |     |         |         |         | 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 3/4" | -       | -       | -       | 36"            | 41"     | -       | -       | -       |
| Residential, single wall, vertical connector | 34"                                     | 45" | 56 3/4" | 52 1/8" | 28 1/8" | 34"                                     | 52 3/4" | 60 3/8" | 54 3/4" | 30 5/8" | 36"            | 50"     | 60 7/8" | 55 3/4" | 30 1/4" |
| Residential, double wall, vertical connector | 34"                                     | 43" | 53 7/8" | 50 1/8" | 26 1/8" | 34"                                     | 45 3/4" | 56 1/8" | 51 3/4" | 27 5/8" | 36"            | 48 1/2" | 59 3/8" | 54 3/4" | 29 1/4" |
| Alcove, double wall, connector               | 34"                                     | 43" | -       | -       | -       | 34"                                     | 45 3/4" | -       | -       | -       | 36"            | 51"     | -       | -       | -       |
| Mobile home                                  | 34                                      | 43" | 53 7/8" | 50 1/8" | 26 1/8" | 34"                                     | 45 3/4" | 56 1/8" | 51 3/4" | 27 5/8" | 36"            | 51"     | 63 5/8" | 57 3/4" | 32 1/4" |

CLEARANCES TO COMBUSTIBLES

| 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<br>SINGLE WALL<br>CONNECTOR | ALDERLEA T4 & T4 CLASSIC LE | 56"     | 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 1/4" | 8"                           | 14"                           | 18"     | 26"     | 7" | 21"     | N/A | N/A    | N/A     | N/A     |   |
|                                         | ALDERLEA T6 LE              | 54"     | 9"                           | 14"                           | 17 5/8" | 28 3/4" | 6" | 20 1/8" | N/A | N/A    | N/A     | N/A     |   |
| RESIDENTIAL<br>DOUBLE WALL CONNECTOR    | ALDERLEA T4 & T4 CLASSIC LE | 56"     | 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 1/4" | 5"                           | 14"                           | 15"     | 26"     | 4" | 18"     | 5"  | 14"    | 15"     | 26"     |   |
|                                         | ALDERLEA T6 LE              | 54"     | 7 1/2"                       | 13"                           | 16 1/8" | 27 5/8" | 5" | 19 1/8" | 10" | 16"    | 18 5/8" | 30 5/8" |   |
| MOBILE HOME<br>DOUBLE WALL CONNECTOR    | ALDERLEA T4 & T4 CLASSIC LE | 56"     | 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 1/4" | 5"                           | 14"                           | 14"     | 26"     | 4" | 18"     | N/A | N/A    | N/A     | N/A     |   |
|                                         | ALDERLEA T6 LE              | 54"     | 10"                          | 18"                           | 18 5/8" | 32 5/8" | 8" | 22 1/8" | N/A | N/A    | N/A     | N/A     |   |



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