

Alpine LE-1

Shown with a blower, pewter surround trim and a black door.

Among- if not the absolute- highest efficiency fireplace insert made. Combining high efficiency with extremely low emissions, the Kuma Alpine LE-1 is unsurpassed in its ability to transform a fireplace into a beautiful means of economical home heating.



Burn Time and Heating Capacity will vary depending on wood type, chimney length, home layout, desired temperature and your home's insulation value.

** Sec. 25(C) - renewable energy investment tax credit. Please consult with your tax adviser to confirm your eligibility for a tax credit

| | | |
|-----------------------|---------------------|---------|
| True Efficiency (HHV) | 78% | 84% LHV |
| Maximum Heat Output* | 63,000 BTU's/Hr | |
| Burn Time | 9 hours | |
| Wood Length | 16" | |
| Heating Capacity | 1200 - 1800 sq. ft. | |
| Firebox Size | 1.8 cu. ft. | |
| Emissions | 1.08 grams/hr. | |
| Flue Size | 6" | |
| Weight | 370 lbs. | |

* The type of fuel that you load into your stove and how often you load it will affect your stove's maximum heat output. Using dimensional lumber, this stove will produce an EPA estimated 29,153 BTU's/Hr. Larger or more frequent loads of cord wood will produce 63,000 BTU's/Hr.

- 🔥 EPA 2020 certified
- 🔥 UL Safety tested
- 🔥 For use in masonry fireplaces
- 🔥 Outside air ready
- 🔥 30% Tax Credit Qualified**
- 🔥 Optional convection blower with temperature and speed control.

Our Kuma Cascade LE-1 insert will upgrade your fireplace into an exceptionally efficient home heating center. Enjoy the fire while savoring the knowledge that its beauty is providing a clean burning, efficient and economical comfort. Guaranteed for a lifetime of service, the Kuma Cascade LE is truly an excellent choice for your fireplace insert.



| | | |
|-----------------------|---------------------|---------|
| True Efficiency (HHV) | 78% | 84% LHV |
| Maximum Heat Output* | 82,000 BTU's/Hr | |
| Burn Time | 12 hours | |
| Wood Length | 18" | |
| Heating Capacity | 2200 - 2800 sq. ft. | |
| Firebox Size | 2.5 cu. ft. | |
| Emissions | 1.11 grams/hr. | |
| Flue Size | 6" | |
| Weight | 450 lbs. | |

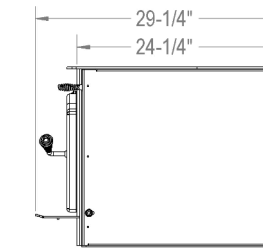
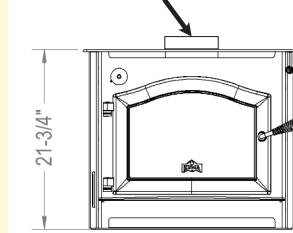
* The type of fuel that you load into your stove and how often you load it will affect your stove's maximum heat output. Using dimensional lumber, this stove will produce an EPA estimated 30,612 BTU's/Hr. Larger or more frequent loads of cord wood will produce 82,000 BTU's/Hr.

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- 🔥 Outside air ready
- 🔥 30% Tax Credit Qualified**
- 🔥 Optional convection blower with temperature and speed control.

Cascade LE-1

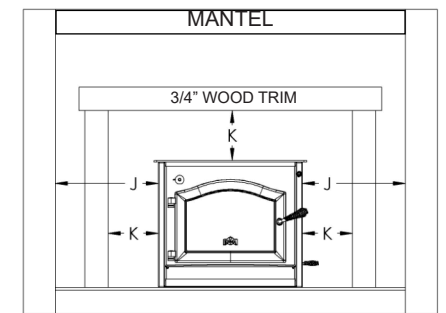
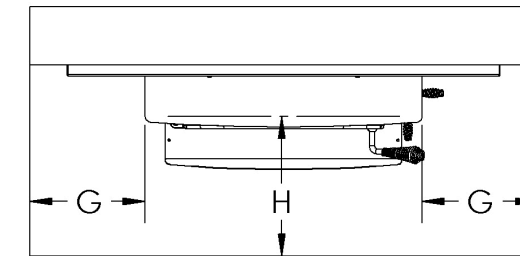
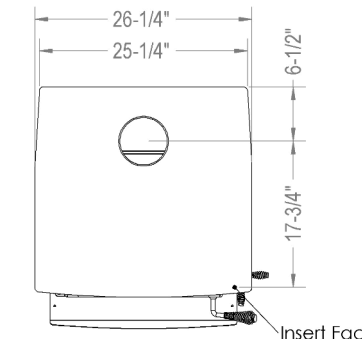
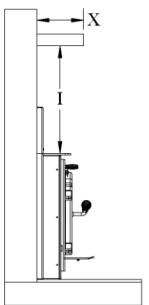
Shown with a pewter surround trim and a pewter door.

Removable flue collar
(Adds 1")



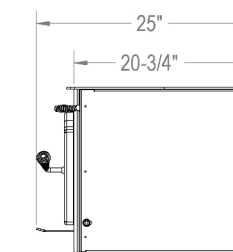
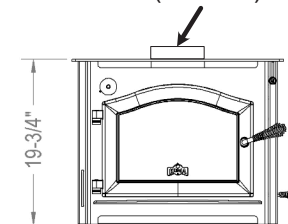
Cascade LE-1 Dimensions and Clearances

| Clearances | | |
|------------|--------|-----------------------|
| G | 6" | Hearth to stove side |
| H | 16" | Hearth to stove front |
| I | 19.25" | To mantel |
| J | 15" | To side wall |
| K | 8.5" | To 3/4" wood trim |
| X | 12" | Maximum mantle depth. |



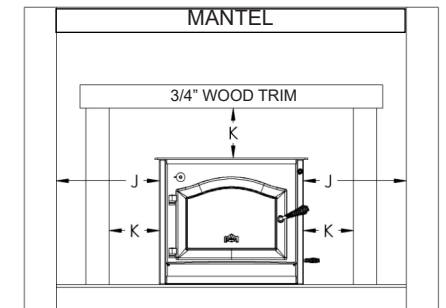
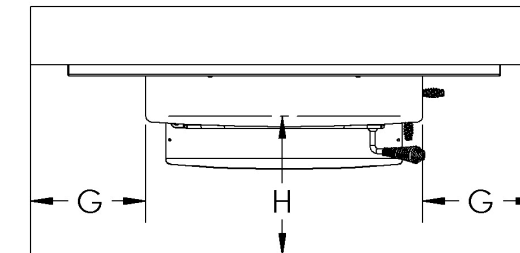
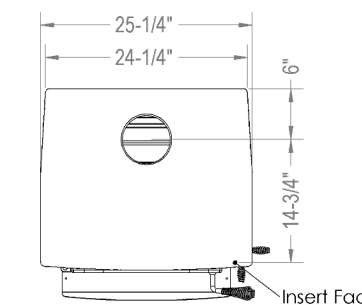
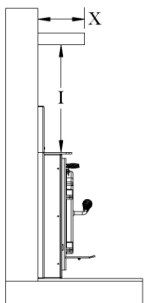
| Minimum Fireplace Opening | Standard Surround Size | X-L Surround Size |
|---------------------------|------------------------|-------------------|
| 22.5"H x 27"W x 14"D | 30.5"H x 44"W | 34"H x 48"W |

Removable flue collar
(Adds 1")



Alpine LE-1 Dimensions and Clearances

| Clearances | | |
|------------|------|---------------------------|
| G | 6" | Hearth to stove side |
| H | 16" | Hearth to stove face |
| I | 20" | To mantel |
| J | 7.5" | To side wall |
| K | 8.5" | To 3/4" wood trim (top) |
| K | 7.5" | To 3/4" wood trim (sides) |
| X | 12" | Maximum mantle depth. |



| Minimum Fireplace Opening | Standard Surround Size | X-L Surround Size |
|---------------------------|------------------------|-------------------|
| 20.5"H x 26"W x 14"D | 28"H x 38"W | 30.5"H x 44" W |