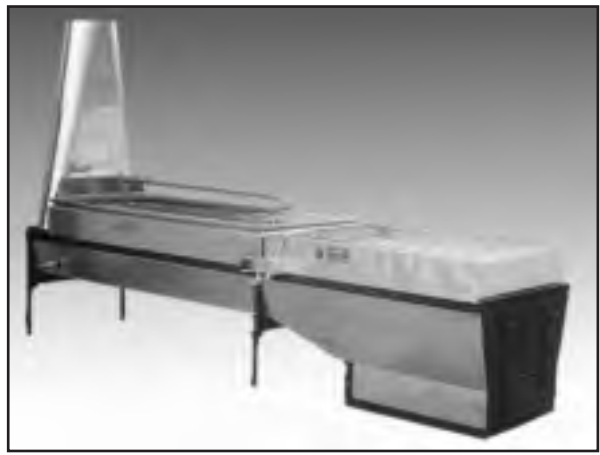


Wood-Fired Arches

TRADITIONAL WOOD-FIRED ARCH



The traditional Leader wood-fired arch has a heavy-duty cast iron front and back. The front on all sizes has 2 fire doors with a draft door below. Arches 30" and wider have 2 flue cleanout doors in the rear casting, as well. The sides of the arch are sheathed with galvanized sheet metal. Heavy-duty pipe legs, with level adjusting nuts, support the arch rear. The arch comes complete with heavy-duty cast iron fire grates, galvanized stack base and stack (total stack height equals twice the length of the arch). This arch needs to be completely lined with fire brick, or a combination of insulation and brick, to prepare for firing. Our traditional arch can also be ordered for oil firing—fire doors and fire grates excluded. Call us for dimensions on our standard sized arches.

GRATES FOR WOOD-FIRED ARCHES

LEADER & KING

The Leader grate is efficiently designed with a flat top and "V" bottom to be the most durable, most warp resistant grate on the market. This is the grate used in all our current wood fired arches.

- 25" ----- \$74.00
- 25" half grate ----- 57.00
- 30" ----- 89.00
- 36" ----- 99.00
- 48" ----- 147.00
- Leader draft door latch ----- 10.00

GRIMM

The Grimm grate was included with Grimm arches manufactured prior to 1998. It is a heavy cast iron grate with a slightly rounded bottom and flattened ends. (Photo not shown.)

- #6- 24" x 2½" ----- \$36.00
- #8- 32" x 3½" ----- 68.00
- #10- 36" x 3½" ----- 89.00
- #12- 39¼" x 3½" ----- 106.00
- 48" x 4" ----- 137.00
- Grimm draft door latch ----- 10.00
- Grimm ratchet ----- 21.00



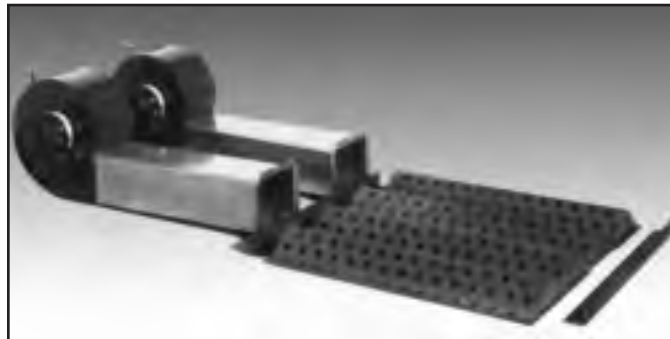
FORCED DRAFT GRATE

This special incinerator grate is cast with a rounded top and multiple inlet holes for the most efficient air circulation and combustion. Included with the Leader Forced Draft Unit, or available separately.

- 30" Forced Draft Grate ----- \$199.00

LEADER FORCED DRAFT UNIT

There may not be a more cost effective item in our catalog than this unit! The Leader Forced Draft Unit is a blower that attaches to the back of the ash pit, under the belly of the arch. Air is blown into the ash pit and forced up through holes in the special incinerator grates for complete combustion of your wood. This unit combusts wood more completely, giving you more heat per cord of wood and less ash to clean out. It will increase the BTUs by 10-20%, reduce wood consumption by 30-50% and even out your boiling. It operates on 110 volts and has a rheostat to control fan speed. Simple installation retrofits to any standard wood-fired arch. Use only dry, seasoned wood.



- 24" wide evaporator ----- -\$454.00
- 30" wide evaporator ----- -1,088.00
- 36" wide evaporator ----- -1,457.00
- 40" wide evaporator ----- -1,519.00
- 48" wide evaporator ----- -1,781.00
- 60" wide evaporator ----- -2,473.00
- 72" wide evaporator ----- -2,734.00

(Note: 24" evaporators use the conventional wood-fire grate. All units made for evaporators 30" wide and larger include the special forced-draft incinerator grate.)

Insulation and Burners

CERAMIC INSULATION



PAN GASKET

Ceramic insulation to seal between the syrup and flue pans. All gaskets are 1 in. thick and 4 in. wide.

- 4" x 24" - - - - - \$5.00
- 4" x 30" - - - - - 5.50
- 4" x 36" - - - - - 6.50
- 4" x 40" - - - - - 7.50
- 4" x 48" - - - - - 8.50
- 4" x 60" - - - - - 10.00
- 4" x 72" - - - - - 11.50

RAIL GASKET

This gasket will seal between the top rail of your arch and your pans. Just lay it on your arch rail and the weight of the pans will hold it in place.

Well worth the cost in heat savings! Also available in wider widths for sealing between your pans.

Ceramic Rail Gasket — ½" x 2" x 25' roll - - - - - \$17.50

ARCH INSULATION

These high temperature insulations will greatly reduce heat loss from your evaporator. Be sure to protect the insulation with fire brick in all wood-fired arches.

Block Insulation Board

- 1" x 12" x 36" (1900°) - - - - - \$ 3.00 / sq. ft.
- 16 Boards (48 sq. ft.) - - - - - 132.00 / cs.

Blanket Insulation

- 1" x 24" (2300°) - - - - - \$ 3.75 / sq. ft.
- 50 sq. ft. roll - - - - - 172.50 / roll

Blanket Insulation

- 1" x 24" (2600°) - - - - - \$ 5.18 / sq. ft.
- 50 sq. ft. roll - - - - - 244.00 / roll

- S / S Pins and Washers (3")** - - - - - 1.00 / set
- KaoLock Stud and Washer (Heavy Duty)** - - - 1.34 / set

CARLIN OIL BURNERS

Model No.	Firing Rate	Price
102 CRD	2-4.5 g.p.h.	\$ 531.00
301 CRD	4-7.0 g.p.h.	859.00
601 CRD	6-13.2 g.p.h.	1,262.00
701 CRD	6-13.2 g.p.h.	1,789.00
801 CRD	11.4-19.8 g.p.h.	2,150.00

Nozzles (sized as per application) \$6.00

Stack Thermometer (0-1000°) \$42.00



FIRE BRICK

We recommend fire brick for lining your wood fired arch. The Split is perfect for evaporators lined with block board insulation or ceramic blanket; it will protect the insulation from firing while withstanding the fire's high temperatures.

- Fire Brick 4½" x 9" x 2¼" - - - - - \$1.55
- Split Brick 4½" x 9" x 1¼" - - - - - 1.50
- Heat Stop Dry (Gallon--10 lbs.) - - - - - 19.95



FIRING GLOVES

Firing Gloves
- - - - - \$15.00

