

# Burn Mizer Secondary Burners

Burn Mizer Model	Overall Dimension	Shipping Weight
12SB	24" x 12"	145 lbs./65.8 kg.
20SB	48" x 20"	635 lbs./288 kg.

Direct fire secondary burners may be purchased with your cremator or added on-site later. With the rugged flange design, the burner can be securely bolted in rather than welded. Secondary burners are constructed of 1/4" steel with the special refractory block lining on the Model 20SB.

### Installation:

VAL-CO® recommends that cremators be installed in accordance with all codes and ordinances. Outside installation is required. Customer is responsible for the installation and requirements. Sellers shall not be liable for any injury or damage to person(s) or property or any other incidental or consequential damages.



Performance You Can Count On  
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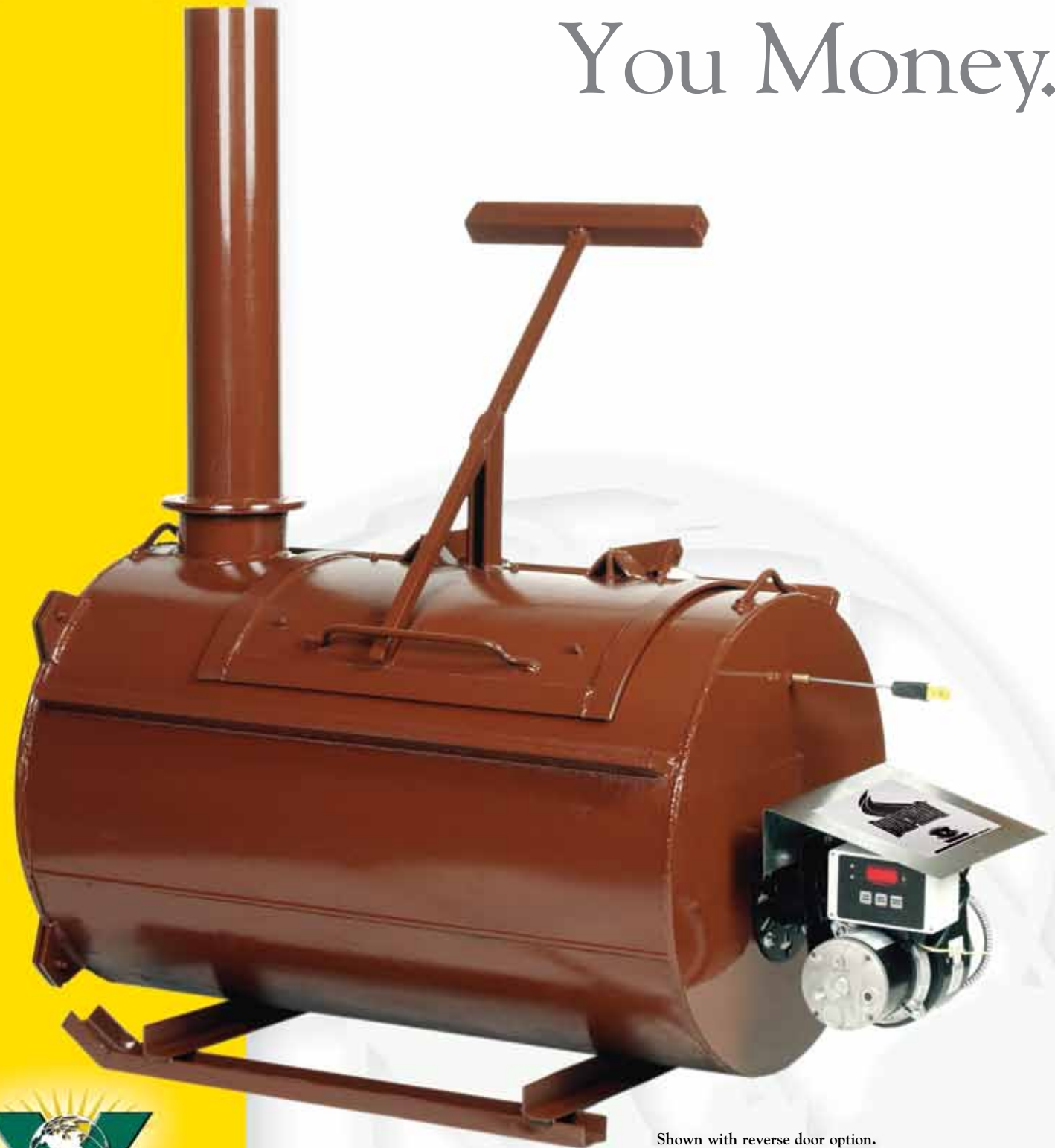
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## Burn Mizer™ Cremators



# Burn Mizer™ Cremators Save You Money.



Shown with reverse door option.



Performance You Can Count On

# Burn Mizer Costs Much Less To Operate.

## Biosecurity Protects Your Farm

- Burning reduces the spread of diseases.
- Burning keeps rendering trucks off your property.
- Burn Mizer meets or exceeds EPA guidelines.

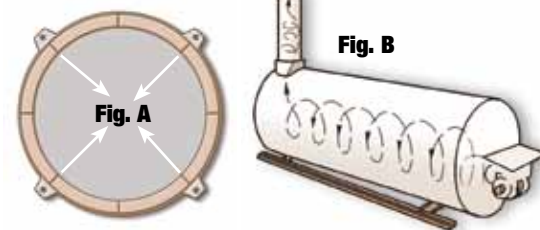
## Burn Mizer Is Simple And Clean To Use

- Unit is easy to operate - load, set timer, and leave. Loads should be reduced to 15-25% of original volume. Simply clean out ash, leaving larger items to pre-charge next load, and repeat.
- Burning is the easiest, most bio-secure method of disposing of carcasses.
- 100 lbs. of carcass can reduce to 1 gallon of ash for easy clean-up.
- Burn Mizer has no unpleasant odors or smoke when operated properly.

## Independent major university studies show the unique design of the Burn Mizer Cremator consumes less fuel than other national brands.^

- The Burn Mizer saves up to 65% on fuel consumption, utilizing a solid-state heat control to cycle burner on and off while maintaining optimum burn temperature.
- The heat control timer function can be set for up to 12 hours of operation.\*
- The liner uses a special insulating refractory block to reflect rather than absorb heat. The liner works like an additional burner, operating at hotter and more uniform temperatures. (See fig. A)
- Burn Mizer liners can be replaced or repaired at a fraction of the cost of a new unit.
- The burner's auto ignition makes start-up quick and easy.
- The spiral flame action travels towards the end of the horizontal burning chamber, resulting in a cleaner, more thorough burn. (See fig. B)

\*Contact your VAL-CO representative for details.



## Built Tough To Last Longer.

### Get twice the use of conventional units with Burn Mizer.

- Shells constructed with heavy-duty 3/8" to 1/2" heat-tempered steel.
- Welds continuous (not "skip welded") for maximum strength.
- Two heavy reinforcement bars run the full length of the chamber ensuring the highest structural integrity.
  - The liner is pre-cured for extended life and withstands temperatures up to 3000° F.
  - Rugged steel skids are standard on all models for ease of handling and installation.



# Select The Model To Meet Your Needs.

Burn Mizer provides solutions with several different models to meet your specific needs. Contact your VAL-CO® representative to determine which options are best for you (examples below).

VAL-CO Burn Mizer Model	Overall Dimension	Shipping Weight	Cubic Feet**	Maximum Capacity***	Total Door Dimensions
<b>4820 (Unlined)*</b>	4' x 20" dia.	563 lbs./255.4 kg.	8	100 lb. load	Single 24" x 12"
<b>4830</b>	4' x 30" dia.	1250 lbs./567.0 kg.	13	200 lb. load	Single 28" x 19"
<b>7230</b>	6' x 30" dia.	1650 lbs./748.4 kg.	20	400 lb. load	Single 36" x 19" Single 42" x 19"
<b>8430</b>	7' x 30" dia.	1925 lbs./873.2 kg.	25	500 lb. load	Single 42" x 19"
<b>8436</b>	7' x 36" dia.	2550 lbs./1156.7 kg.	35	600 lb. load	Single 36" x 19" Single 42" x 19" Single 48" x 19" Single 52" x 22"†
<b>9642</b>	8' x 42" dia.	3450 lbs./1564.9 kg.	58	1200 lb. load	Single 66" x 33"†
<b>10852</b>	9' x 52" dia.	5645 lbs./2560.6 kg.	106	2000 lb. load	Single 78" x 51"†

Optional winch kit for all doors is available for an extra charge.  
 \*\*Using grate will reduce cubic capacity. †This set-up includes the winch kit at no extra charge.  
 \*\*\*Maximum capacity may vary per burn cycle based on carcass density and grate kit usage.

Liners are pre-cured at factory to save you time and ensure quality.



- All models are available in oil, LP (liquid propane), or natural gas.
- Optional Winched Doors are available.
- Optional Winched Loading Kits are available.
- Door may be reversed at no extra charge (see cover).
- Liner repair kits and parts are available.
- VAL-CO limited 1-year warranty.

VAL-CO may update these specifications. Please confirm with your distributor.