

# Agricultural Incinerators

## For Efficient Sanitary Disposal



Let's grow together®

Lower height makes loading easier

Stainless steel stack cap has added material for longer life

Counter-balanced arm design and mounting location offers greater door strength and smoother operation

Easier-to-move skid base design provides added strength and balance

Double wall thickness on side section of chamber top gives added strength and longer life

Ventilation ports dissipate excess heat during operation

Model A200

### Efficient Combustion Technology

*Biosecure disposal with low fuel consumption*

- Chore-Time's Agricultural Incinerators are available in capacities from 200 to 850 pounds (91 to 386 kg).
- Burn rate per hour from 45 to 90 pounds (20 to 41 kg) means that under normal conditions incineration keeps pace with mortality.



Count on Chore-Time for experience, reliability, performance and confidence.

# The Benefits of Chore-Time Incinerators

## Efficient Combustion Technology

- Rapid incineration means low fuel consumption.
- Thick refractory lining in main chamber retains heat and increases efficiency.
- Waste can be incinerated as fast as it accumulates (under normal conditions with a properly sized unit).

## Easy to Use

- Timer operation with auto-ignition (no pilots to light).
- Easier loading and ash removal with lower profile and improved doors.
- Single burner requires less maintenance.

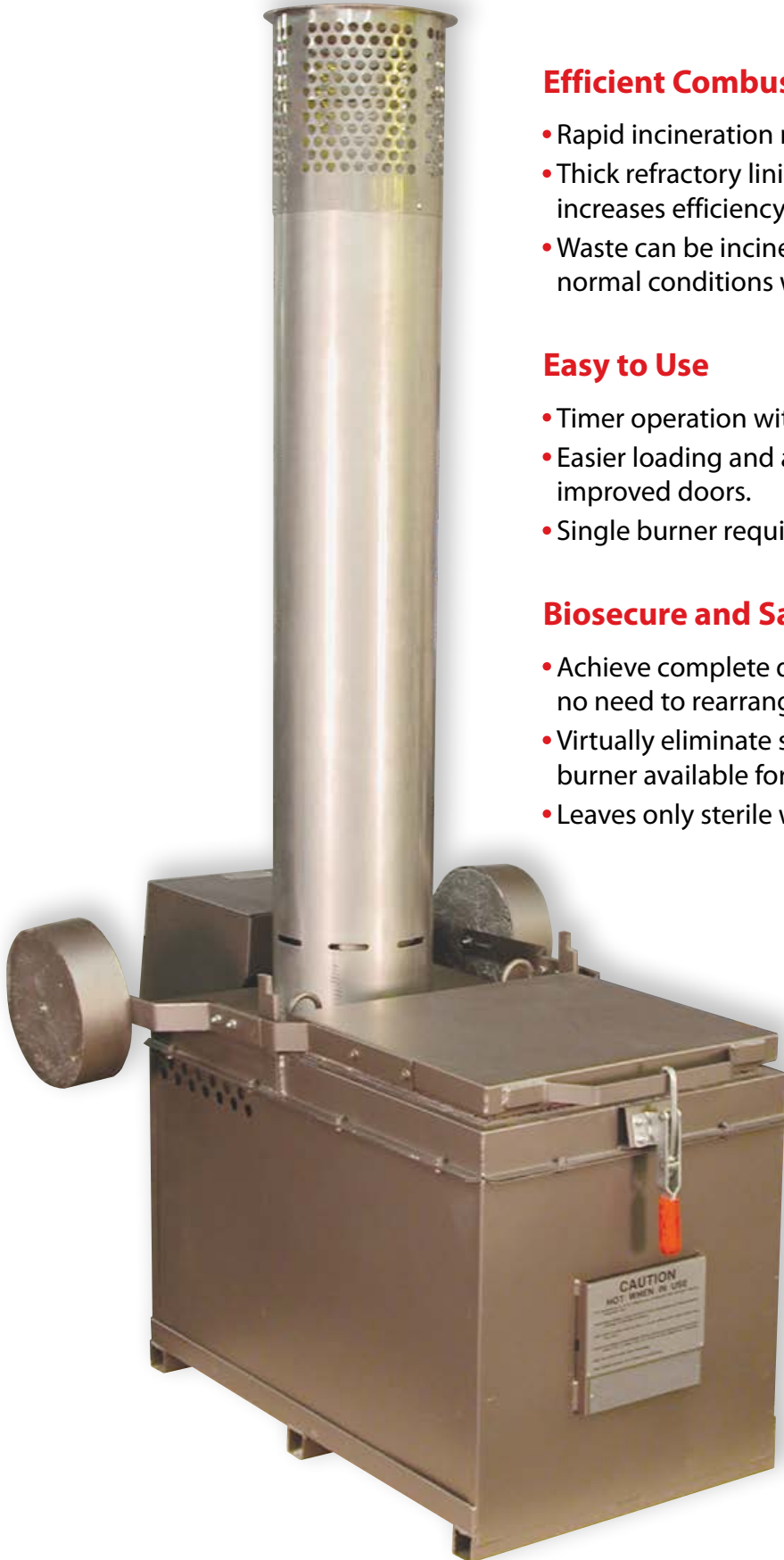
## Biosecure and Sanitary

- Achieve complete disposal of carcasses the first burn – no need to rearrange remains.
- Virtually eliminate smoke and odor (optional secondary burner available for use where required by regulation).
- Leaves only sterile white ash and brittle bone fragments.

## Proven, Quality Incineration Since 1962

- Lower profile and modified base are stronger.
- Constructed of heat-resistant aluminized steel, stainless steel and industrial strength refractory.
- Continuous-welded bottom seams for added durability and no grates to replace.

*Model A200*





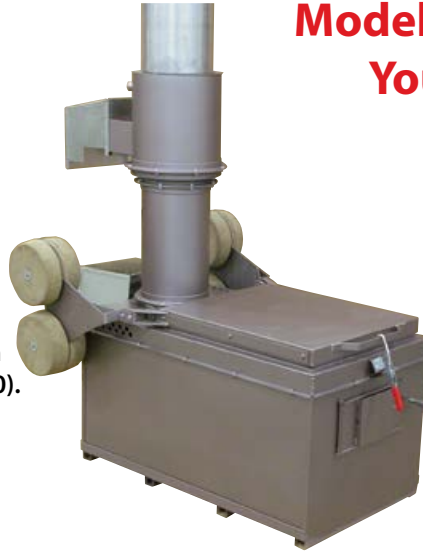
Let's grow together®



Model A200  
Gas-Fired  
Burner Unit

## Models and Features that Meet Your Incineration Needs

A secondary burn chamber is an available option on all Chore-Time incinerators (shown here on Model A600).



Models A600 and A850 both feature a hinged ash door in the front of the unit for easy clean-out (shown here on Model A850).

Low height of chamber and counter-weighted top make loading easier.



### Recommended Use Based on Typical Farm Size



|  | Broilers | Breeders | Turkeys |
|--|----------|----------|---------|
| <b>Model A200</b><br>200 pounds (91 kg) capacity<br>6.3 cubic foot (0.18 m <sup>3</sup> ) chamber    | 40,000   | 30,000   | 10,000  |
| <b>Model A400</b><br>400 pounds (181 kg) capacity<br>12.6 cubic foot ( 0.36 m <sup>3</sup> ) chamber | 80,000   | 60,000   | 20,000  |
| <b>Model A600</b><br>600 pounds (272 kg) capacity<br>18.9 cubic foot (0.54m <sup>3</sup> ) chamber   | 120,000  | 90,000   | 30,000  |
| <b>Model A850</b><br>850 pounds (386 kg) capacity<br>26.5 cubic foot (0.75 m <sup>3</sup> ) chamber  | 175,000  | 120,000  | 42,500  |

Base the size of your incinerator on the total pounds of loss (expected flock mortality) that will need to be incinerated each day. Plan to operate the incinerator only once per day when the flock is young. Sizing your unit this way builds in expansion capacity as birds grow older and heavier. Two burns per day is considered maximum capacity.

# Chore-Time Incinerator Specification Chart

| Model Number   | A200   | A400   | A600  | A850  |
|--|--|--|---|---|
| <b>CAPACITY</b>  |  |  |   |   |
| Waste Chamber Capacity (Type IV Waste - Animals)   | 200 lbs. (91 kg)                                 | 400 lbs. (181 kg)                                | 600 lbs. (272 kg)                               | 850 lbs. (386 kg)                               |
| Waste Chamber Volume (Type IV Waste - Animals)   | 6.3 Ft <sup>3</sup> (0.18 m <sup>3</sup> )       | 12.6 Ft <sup>3</sup> (0.36 m <sup>3</sup> )      | 18.9 Ft <sup>3</sup> (0.54 m <sup>3</sup> )     | 26.5 Ft <sup>3</sup> (0.75 m <sup>3</sup> )     |
| <b>OPERATION (Always cool down and remove ash before reloading!)</b>   |  |  |   |   |
| Charging Rate per Charge - Batch Loaded<br>(Typical pathological waste with a BTU/lb. rating of 1000)  | 200 lbs. (91 kg)                                 | 400 lbs. (181 kg)                                | 600 lbs. (272 kg)                               | 850 lbs. (386 kg)                               |
| Burn Rate (Per Hour)   | 45 lbs. (20 kg)                                  | 55 lbs. (25 kg)                                  | 75 lbs. (34 kg)                                 | 90 lbs. (41 kg)                                 |
| Approx. Time for Complete Burn-Out   | 4.5 hours  | 7 hours  | 8 hours   | 9 hours   |
| Approx. Amount of Residue  | 10 lbs. (4.5 kg)                                 | 20 lbs. (9 kg)                                   | 30 lbs. (13.6 kg)                               | 42.5 lbs. (19 kg)                               |
| Timer Type   | 12-Hour Manual Timer                             | 12-Hour Manual Timer                             | 12-Hour Manual Timer                            | 12-Hour Manual Timer                            |
| <b>DIMENSIONS &amp; WEIGHT (Excluding stacks, arms &amp; burners)</b>  |  |  |   |   |
| Width  | 26 in. (66 cm)                                   | 36 in. (91 cm)                                   | 36 in. (91 cm)                                  | 44.5 in. (113 cm)                               |
| Height   | 32 in. (81 cm)                                   | 34 in. (86 cm)                                   | 34 in. (86 cm)                                  | 45 in. (114 cm)                                 |
| Length   | 42 in. (107 cm)                                  | 48 in. (122 cm)                                  | 60 in. (152 cm)                                 | 60 in. (152 cm)                                 |
| <b>Other Dimensions &amp; Specifications</b>   |  |  |   |   |
| Door Opening   | 18 x 20 in. (46 x 51 cm)                         | 22 x 29 in. (56 x 74 cm)                         | 26 x 30 in. (66 x 76 cm)                        | 21 x 27 in. (53 x 69 cm)                        |
| Height to Door Opening   | 29.5 in. (75 cm)                                 | 30.5 in. (77 cm)                                 | 33 in. (84 cm)                                  | 36 in. (91 cm)                                  |
| Height to Top of Stack   | 8 ft. 6 in. (2.59 m)                             | 11 ft. (3.35 m)                                  | 14 ft. 5 in. (4.39 m)                           | 14 ft. 8 in. (4.47 m)                           |
| Minimum Suggested Slab Size without a Shelter<br>(Length x Width x Thickness)  | 6 ft. x 8 ft. x 4 in.<br>(1.8 m x 2.4 m x 10 cm) | 6 ft. x 8 ft. x 4 in.<br>(1.8 m x 2.4 m x 10 cm) | 8 ft. x 10 ft. x 4 in.<br>(2.4 m x 3 m x 10 cm) | 8 ft. x 10 ft. x 4 in.<br>(2.4 m x 3 m x 10 cm) |
| Approx. Total Weight   | 1330 lbs. (603 kg)                               | 1975 lbs. (896 kg)                               | 3000 lbs. (1361 kg)                             | 4000 lbs. (1820 kg)                             |
| Units Per 40-Foot Container  | 21   | 12   | 10  | 10  |
| <b>STACK INFORMATION</b>   |  |  |   |   |
| <b>Lined Stacks</b>  |  |  |   |   |
| Height   | Does not apply<br>to this unit                   | 2 ft. (0.6 m)                                    | 2 ft. (0.6 m)                                   | 2 ft. (0.6 m)                                   |
| Diameter   |  | 14 in. (36 cm)                                   | 14 in. (36 cm)                                  | 14 in. (36 cm)                                  |
| Steel Gauge  |  | 14 (1.90 mm)                                     | 14 (1.90 mm)                                    | 14 (1.90 mm)                                    |
| Steel Type   |  | Aluminized                                       | Aluminized                                      | Aluminized                                      |
| Refractory Lined   |  | Yes  | Yes   | Yes   |
| <b>Unlined Stacks</b>  |  |  |   |   |
| Height   | 5 ft. (1.5 m)                                    | 5 ft. (1.5 m)                                    | 10 ft. (3.0 m)                                  | 8 ft. (2.4 m)                                   |
| Diameter   | 12 in. (30.5 cm)                                 | 12 in. (30.5 cm)                                 | 12 in. (30.5 cm)                                | 12 in. (30.5 cm)                                |
| Steel Gauge  | 16 (1.52 mm)                                     | 16 (1.52 mm)                                     | 16 (1.52 mm)                                    | 16 (1.52 mm)                                    |
| Steel Type   | Stainless  | Stainless  | Stainless                                       | Stainless                                       |
| Refractory Lined   | No   | No   | No  | No  |
| Stack Cap  | Stainless Steel Screened                         | Stainless Steel Screened                         | Stainless Steel Screened                        | Stainless Steel Screened                        |
| <b>BURNER TYPE, FUEL CONSUMPTION &amp; ELECTRICAL</b>  |  |  |   |   |
| <b>Note: A secondary burn chamber is an available option on all models. Use (as required by regulations) will change performance statistics.</b> |  |  |   |   |
| <b>Burner (LP and Natural Gas)</b>   |  |  |   |   |
| Fuel   | LP or Natural Gas                                | LP or Natural Gas                                | LP or Natural Gas                               | LP or Natural Gas                               |
| Ignition   | Spark-Ignited Intermittent Pilot                 | Spark-Ignited Intermittent Pilot                 | Spark-Ignited Intermittent Pilot                | Spark-Ignited Intermittent Pilot                |
| Flame Safety   | Electronic                                       | Electronic                                       | Electronic                                      | Electronic                                      |
| <b>Burner (Fuel Oil)</b>   |  |  |   |   |
| Fuel   | Oil  | Oil  | Oil   | Oil   |
| Ignition   | Continuous Spark                                 | Continuous Spark                                 | Continuous Spark                                | Continuous Spark                                |
| Flame Safety   | CAD Cell   | CAD Cell   | CAD Cell  | CAD Cell  |
| <b>Fuel Consumption</b>  |  |  |   |   |
| LP (Liquid Propane)  | 3.0 gallons/hour<br>(11.4 liters/hour)           | 3.0 gallons/hour<br>(11.4 liters/hour)           | 5.8 gallons/hour<br>(22.0 liters/hour)          | 7.2 gallons/hour<br>(27.3 liters/hour)          |
| Natural Gas  | 275.0 CFH (7.8 m <sup>3</sup> /hour)             | 275.0 CFH (7.8 m <sup>3</sup> /hour)             | 530.0 CFH (15.0 m <sup>3</sup> /hour)           | 660.0 CFH (18.7 m <sup>3</sup> /hour)           |
| Fuel Oil   | 2.5 gallons/hour<br>(9.5 liters/hour)            | 2.5 gallons/hour<br>(9.5 liters/hour)            | 3.0 gallons/hour<br>(13.2 liters/hour)          | 3.0 gallons/hour<br>(13.2 liters/hour)          |
| <b>Electrical Service - All units available for either 115V 60 Hz 20 amp or 220V 50 Hz 10 amp.</b>   |  |  |   |   |

1. Always install incinerators in accordance with local codes and ordinances, subject to regulatory agencies.
2. Stack test data is available from the distributor for permit application. If on-site testing is required, it is the responsibility of the purchaser and can be arranged through the distributor.
3. Outside installation is recommended with a simple metal roof or three-sided metal shelter, providing a minimum of four feet of clearance from any combustible material.



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Find your authorized independent distributor at [choretime.com/distributor](http://choretime.com/distributor)

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