

**ACE EQUIPMENT CO.**  
Cleveland, Ohio

**ACE BURN-OFF OVEN FEATURES**

**MODEL 3512-RT**

**PHYSICAL**

Inside Dimensions W/O Cart	96"W x 96"D x 111"H
Inside Dimensions With Cart	96"W x 96"D x 93"H
Volume Over Cart	496 CU. FT.
Single Platform Cart Dimensions	93"W 93"D x 18"H
Outside Dimensions	121"W x 140"D x 124"H
Shipping Weight	9,200 LBS.
Location of Controls	Right Side
Location of Exhaust Stack	Top Rear Left Corner
Exhaust Stack	18" ID x 10' Included
Exhaust Stack	22" OD x 10' Included

**FUEL**

Max Primary Burner 1 Input	325,000 BTU/HR
Max Primary Burner 2 Input	325,000 BTU/HR
Max Afterburner Input	600,000 BTU/HR
Avg Prim & After. Total Hi-Lo Input	
Natural Gas Inlet Pressure	8" to 14" W.C.
Propane Inlet Pressure	12" to 18" W.C.
Gas Inlet Pipe Size	1-1/2"

**ELECTRIC**

Voltage/Phase/Hertz	120/1/60
Amps	* 5 to 10

**WATER**

Normal Capacity	Less Than 3.6 Gal./HR.
Min/Max Pressure	6 Gal./HR. Ea. Nozzle 30 to 60 PSI

**CYCLE TIME/CAPACITY**

* Normal Cycle Time	2 to 8 Hours
* Combustible Capacity	80 LBS/HR

\* Varies with the combustible load and oven size.

**CONTROLS**

Primary Burner - Normal	800°F (427°C)
Afterburner - Before Primary Ignites	1,400°F (742°C)
Over Temp. Control	Standard
Primary Water Spray	Standard
Secondary Water Spray	Standard
NFPA-86A Specifications	Optional
FM Specifications	Optional OA-2600
U.L. Listed Control Panel	Standard
ISO Control Certified	Standard
Primary Burner off on Loss of A.B.	Standard
Primary & A.B. Burners Rated For Automatic Shutoff System	800,000 BTU/HR Standard
One Touch Control (OTC) System	Optional
High Fire Afterburner 1,500°F (798°C)	Optional

**CONSTRUCTION**

Cart Rating	8,000 LBS.
Cart 4" Structural Channel	7.25 LBS/FT
Oven Steel Enclosure	11 Ga. CRS
Oven Enclosure Front Face	1/4" CRS Plate
Angle Iron Reinforced Enclosure	Standard
Blanket Insulation 4" Thick 2,300°F.	Standard
Aluminized Coating Inside Enclosure	Standard
Steel Floor Covers Over 4" Insulation	3/16" CRS
Exterior Finish Hi-Temp.	Blue Enamel
Exhaust Stack Insulation Rated	2,700°F. 2" Thick
2 Top Mounted Pressure Relief Hatch	39.58 SQ. FT.
Oven Volume 35.25 CU. FT.	1:14.99 Vent Ratio
Qty Primary Water Nozzles	8 Standard
Qty Secondary Water Nozzles	6 Standard
Qty Primary Burners	2 Standard
Qty Afterburners	1 Standard

NFPA Preferred Vent Ratio: 1:15

**WARRANTY**

The oven is warranted to be free from defects in material and workmanship on the date of sale by ACE or an authorized ACE distributor to the original purchaser who states he will use the oven. As purchaser's sole remedy for breach of this warranty, ACE will, for a period of twelve months from the date of sale, repair or replace any part of the equipment which is proven to be defective. This warranty applies only when the oven is installed, operated and maintained in accordance with ACE's recommendations.

This data is based on our standard ovens. Any deviation from our standards, may result in changes to this data.

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