

ACE EQUIPMENT CO.
Cleveland, Ohio

ACE BURN-OFF OVEN FEATURES

MODEL 3416-RT

PHYSICAL

Inside Dimensions W/O Cart	96"W x 96"D x 93"H
Inside Dimensions With Cart	96"W x 96"D x 75"H
Volume Over Cart	400 CU. FT.
Single Platform Cart Dimensions	93"W x 93"D x 18"H
Outside Dimensions	125"W x 143"D x 106"H
Shipping Weight	8,000 LBS.
Location of Controls	Right Side
Location of Exhaust Stack	Top Rear Left Corner
Exhaust Stack	16" ID x 10' Included
Exhaust Stack	20" OD x 10' Included

FUEL

Max Primary Burner 1 Input	300,000 BTU/HR
Max Primary Burner 2 Input	300,000 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	1-1/4"

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	70 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	800,000 BTU/HR
Automatic Shutoff System	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	33.25 SQ. FT.
Oven Volume 497.33 CU. FT.	1:14.96 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.

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