

# ACE EQUIPMENT CO.

Cleveland, Ohio

## ACE BURN-OFF OVEN FEATURES

### MODEL 490-RT

#### PHYSICAL

Inside Dimensions W/O Cart	36"W x 48"D x 101"H
Inside Dimensions With Cart	36"W x 48"D x 87"H
Volume Over Cart	87 CU. FT.
Single Platform Cart Dimensions	33"W x 45"D x 14"H
Outside Dimensions	56"W x 78"D x 114"H
Shipping Weight	3,700 LBS.
Location of Controls	Right Side
Location of Exhaust Stack	Top Rear Left Corner
Exhaust Stack	10" ID x 10' Included
Exhaust Stack	14" OD x 10' Included

#### FUEL

Max Primary Burner Hi-Lo Fire Input	75,000 BTU/HR
Max Afterburner Hi-Fire Input	425,000 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"

#### 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	40 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	3,700 LBS.
Cart 3" Structural Channel	5 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
1 Top Mounted Pressure Relief Hatch	6.85 SQ. FT.
Oven Volume 101.00 CU. FT.	1:14.74 Vent Ratio
Qty Primary Water Nozzles	2 Standard
Qty Secondary Water Nozzles	4 Standard
Qty Primary Burners	1 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.

Excel:\ACE Bus Doc\S&M\Ovens\Spec Sheets\Specs\Value Added Specifications