

# Forced Air Oven

**TFO-1**  
PART ID: CTF122



Capacity	1.4 cu.ft. (39.4 liters)
Interior Dimensions W x D x H	12.1" x 13.7" x 14.5" 307 x 349 x 368 mm
Exterior Dimensions W x D x H	22.7" x 23.5" x 31.5" 577 x 596 x 800 mm
Unit Weight	126.5 lb (57.4 kg)
Shipping Weight	166.5 lb (76.5 kg)
Shelves	2 standard, 6 total
Maximum Weight Per Shelf	50 lb / 22.6 kg
Permitted Total Load	100 lb / 45.3 kg
Standard Door Gasket	Woven Fiberglass
Access Port	1.75" Rear
Controls	Watlow EZ-ZONE
Warranty	2 Year Limited Warranty
Interior Construction	300 series stainless steel
Exterior Construction	20 gauge steel, powder coated
Vertical Clearance	24.0" (600 mm)
Wall Clearance, Each Side	6.0" (152 mm)
Wall Clearance, Rear	12.0" (300 mm)

## Electrical, 50/60Hz, AC, 1Ø

Voltage	110V-120V
Full Load Amps	12
Nominal Power (watts @150°C)	650
Recommended Breaker, Amps	15
NEMA Plug Supplied	5-15P

## Energy Consumption (kWh/day)

At 80°C	6.5
At 150°C	12.4
At 306°C	19.8

## Temperature Range 20°C above ambient to 306°C

Heat-Up Time — Minutes to 80°C	8
Heat-Up Time — Minutes to 150°C	20
Heat-Up Time — Minutes to 306°C	52
Recovery after Door Opening (30 sec.) — Minutes to 80°C	1.5
Recovery after Door Opening (30 sec.) — Minutes to 150°C	4.5
Recovery after Door Opening (30 sec.) — Minutes to 306°C	14
Recovery after Door Opening (60 sec.) — Minutes to 80°C	4
Recovery after Door Opening (60 sec.) — Minutes to 150°C	6
Recovery after Door Opening (60 sec.) — Minutes to 306°C	20

## Temperature Uniformity

At 80°C	1°C
At 150°C	2.3°C
At 306°C	4.7°C

## Air Flow Performance

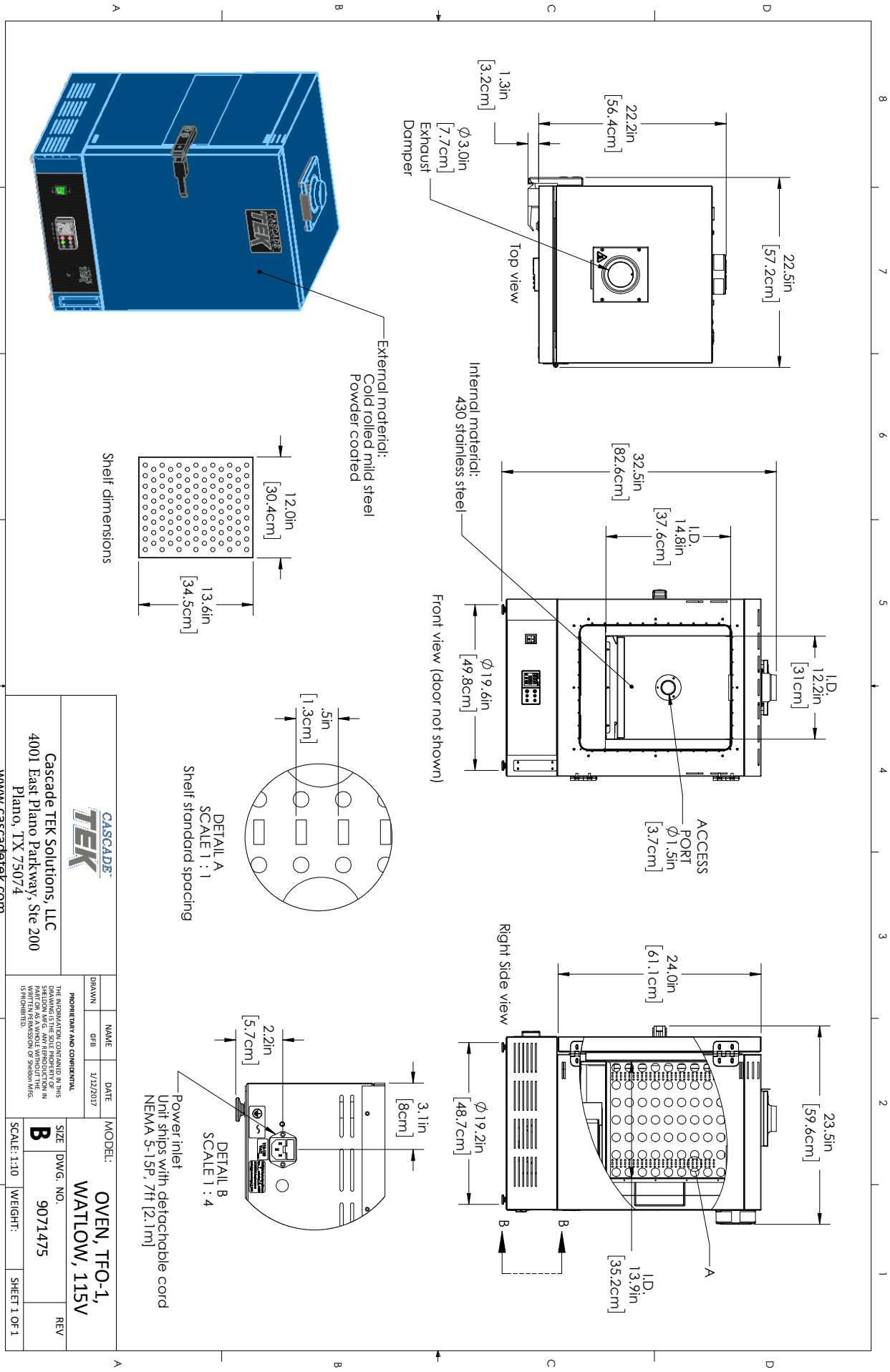
Air Changes Per Hr at Max	330
Flow Rate (CFM)	5.6



MADE IN  
USA



0740573 6/22



		<b>MODEL:</b> OVEN, TFO-1, WATLOW, 115V	
		SIZE DWG. NO. <b>B</b> 9071475	REV
DRAWN: GFB NAME: GFB DATE: 1/12/2017		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS SHEET IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. ANY REPRODUCTION IN WRITING OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF SHELTON INC. IS PROHIBITED.	
Cascade TEK Solutions, LLC 4001 East Plano Parkway, Ste 200 Plano, TX 75074 <a href="http://www.cascadetek.com">www.cascadetek.com</a>		SCALE: 1:10 WEIGHT: SHEET 1 OF 1	