

Forced Air Oven

TFO-3-2
PART ID: CTF322-EA



Capacity	3 cu.ft. (85.0 liters)
Interior Dimensions W x D x H	16.5" x 19.5" x 16.2" 419 x 495 x 412mm
Exterior Dimensions W x D x H	26.9" x 28.6" x 34.0" 684 x 727 x 840mm
Unit Weight	170.5 lbs (77.3kg)
Shipping Weight	215.6 lbs (97.8kg)
Shelves	3 standard, 7 total
Maximum Weight Per Shelf	50 lbs/22.6kg
Permitted Total Load	200 lbs/91kg
Standard Door Gasket	Woven Fiberglass Fluorocarbon coated 300°C Max
Access Port	1.75" Rear
Controls	Watlow EZ-ZONE
Warranty	100% 2 Year
Interior Construction	300 series stainless steel
Exterior Construction	20 gauge steel, powder coated
Vertical Clearance	24.0" (600mm)
Wall Clearance, Each Side	6.0" (152mm)
Wall Clearance, Rear	12.0" (300mm)

Electrical, 50/60Hz, AC, 1Ø

Voltage	220V-240V
Full Load Amps	10
Nominal Power (watts @150°C)	675
Recommended Breaker, Amps	15
NEMA Plug Supplied	6-15P

Energy Consumption (kWh/day)

At 80°C	6.5
At 150°C	12.2
At 306°C	22.1

Temperature Range 15°C above ambient to 306°C

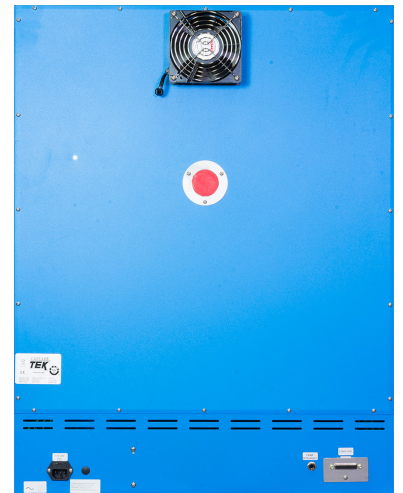
Heat-Up Time — Minutes to 80°C	6.0
Heat-Up Time — Minutes to 150°C	15.0
Heat-Up Time — Minutes to 306°C	57.0
Recovery after Door Opening (30 sec.) — Minutes to 80°C	1.0
Recovery after Door Opening (30 sec.) — Minutes to 150°C	1.5
Recovery after Door Opening (30 sec.) — Minutes to 306°C	5.5
Recovery after Door Opening (60 sec.) — Minutes to 80°C	2.0
Recovery after Door Opening (60 sec.) — Minutes to 150°C	3.5
Recovery after Door Opening (60 sec.) — Minutes to 306°C	11.0

Temperature Uniformity

At 80°C	0.75°C
At 150°C	2.50°C
At 306°C	5.00°C

Air Flow Performance

Air Changes Per Hr at Max	225
Flow Rate (CFM)	11.3

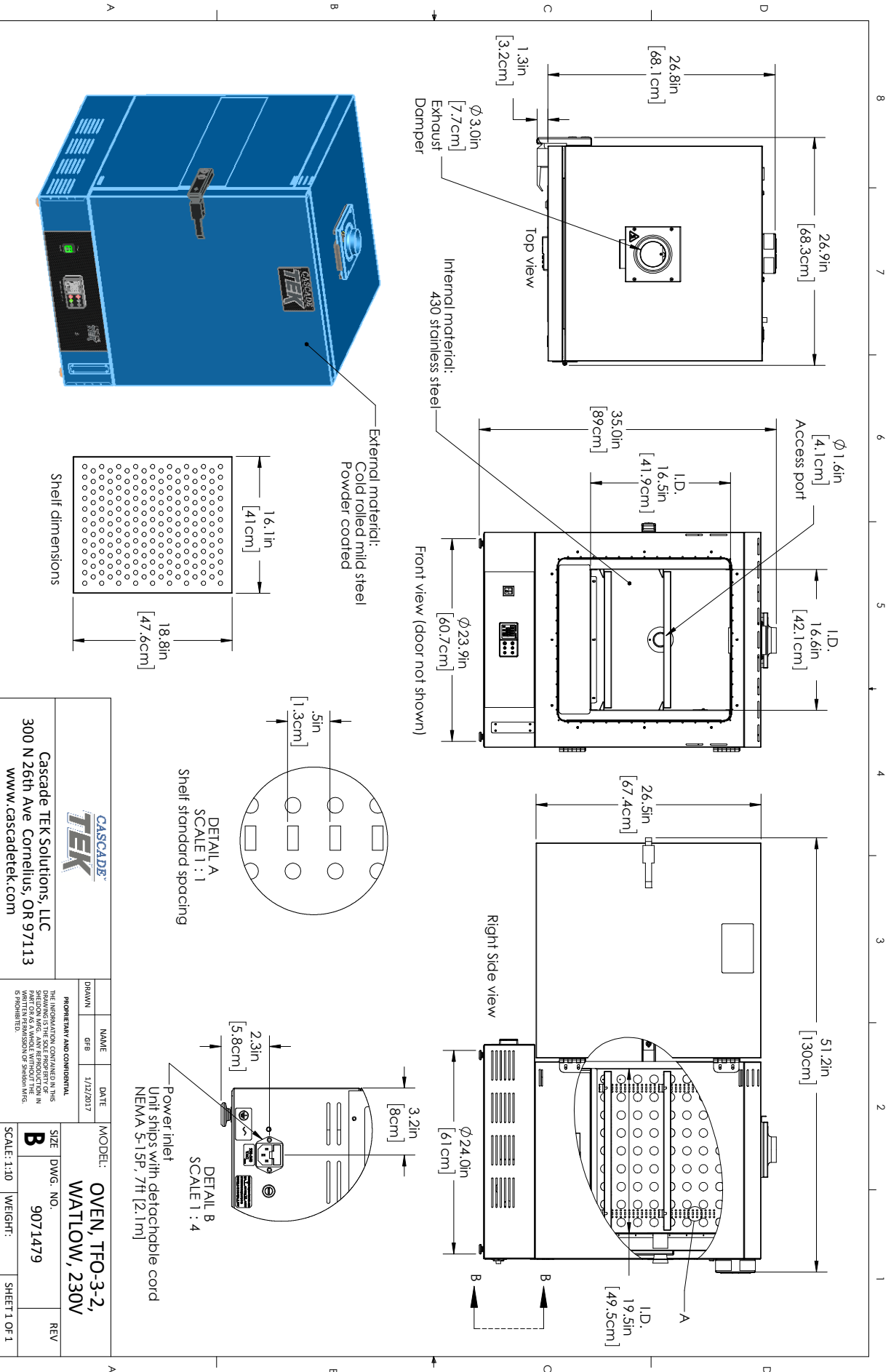


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DRAWN: dfr DATE: 1/12/2017	NAME: dfr DATE: 1/12/2017	MODEL: OVEN, TFO-3-2, WATLOW, 230V	SIZE DWG. NO.: 9071479 REV:
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