

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 368mm |
| Exterior Dimensions W x D x H | 22.7" x 23.5" x 31.5" 577 x 596 x 800mm |
| Unit Weight | 126.5 lbs (57.4kg) |
| Shipping Weight | 166.5 lbs (76.5kg) |
| Shelves | 2 standard, 6 total |
| Maximum Weight Per Shelf | 50 lbs/22.6kg |
| Permitted Total Load | 100 lbs/45.3kg |
| 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 | 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 15°C above ambient to 306°C

| | |
|--|------|
| Heat-Up Time — Minutes to 80°C | 8.0 |
| Heat-Up Time — Minutes to 150°C | 20.0 |
| Heat-Up Time — Minutes to 306°C | 52.0 |
| 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 | 14.0 |
| Recovery after Door Opening (60 sec.) — Minutes to 80°C | 4.0 |
| Recovery after Door Opening (60 sec.) — Minutes to 150°C | 6.0 |
| Recovery after Door Opening (60 sec.) — Minutes to 306°C | 20.0 |

Temperature Uniformity

| | |
|----------|--------|
| At 80°C | 1.00°C |
| At 150°C | 2.25°C |
| At 306°C | 4.70°C |

Air Flow Performance

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

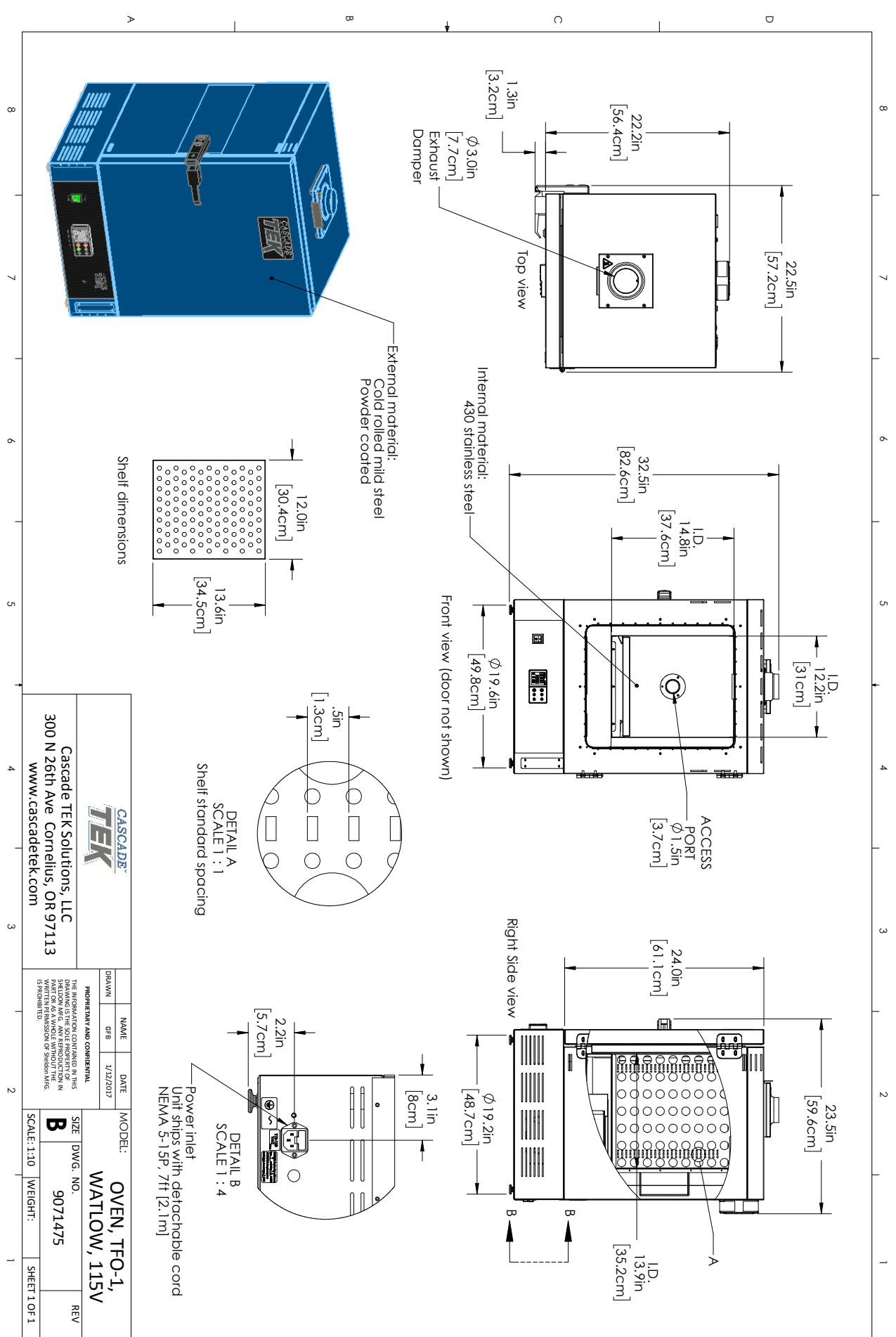


MADE IN
USA



Contact Cascade TEK

Email: sales@cascadetek.com • Website: www.cascadetek.com • Phone: +1-971-371-4096



| | | | | |
|--|--|---|---------------------|-------------------|
| | | Cascade TEK Solutions, LLC 300 N 26th Ave Cornelius, OR 97113 www.cascadetek.com | | |
| | | DRAWN GFB | NAME GFB | DATE 1/12/2017 |
| THE INFORMATION CONTAINED IN THIS SHEET IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. ANY REPRODUCTION IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF SHELTON INC. IS PROHIBITED. | | SIZE B | DWG. NO. 9071475 | REV |
| SCALE: 1:10 | | WEIGHT: | | SHEET 1 OF 1 |