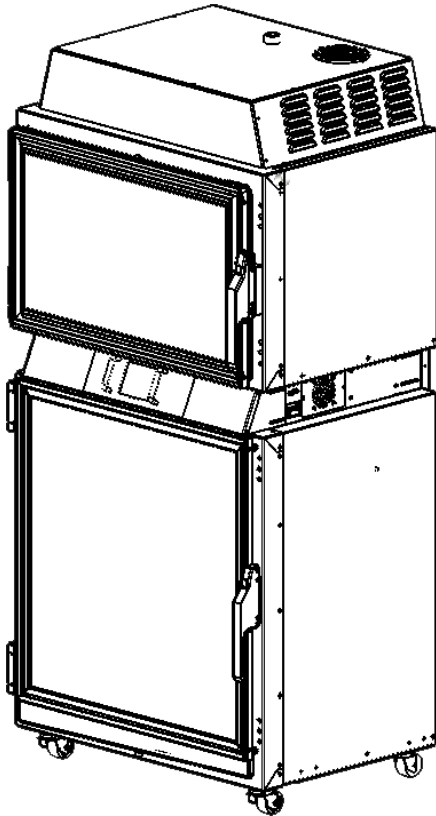




Your Solutions Partner

# Specifications

F.O.B. Sedalia, Missouri 65301

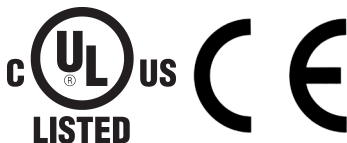


Model - TSC 6/18M

### OPTIONS:

- Dual check valve backflow preventer for water supply
- IVS (Integrated Ventilation System)
- Remote Hood Interlock kit
- Right hand or left hand hinged doors (factory build or field convertible)

### Certifications:



DUKE MANUFACTURING CO.

2305 N. Broadway

St. Louis, MO 63102

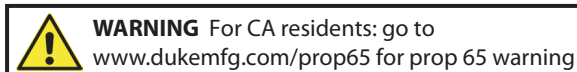
800.735.3853 Toll Free

314.231.5074 Fax

www.dukemfg.com

SS-1044 TSC-6/18M

Specification subject to change



### Approval Stamp(s):

### PRODUCT INFORMATION:

PROJECT: \_\_\_\_\_

ITEM: \_\_\_\_\_

QUANTITY: \_\_\_\_\_

### MODEL: TSC-6/18M

#### Oven:

- Stainless Steel Exterior - Front Frame: 430, 14 ga Top & Sides: 430 Steel, 18 ga
- Stainless Steel Interior - Top: 301, 14 ga Sides & Bottom: 301, 18 ga
- Interior cavity to be fully welded utilizing latest technology laser welding process
- (2) 2500 watt electric heating elements - 5,000 watts of baking power
- 1/2 horse power blower motor, externally accessible for servicing, top mounted
- Steam vent, 1.0" diameter, 305 S/S with solid machined aluminum metering port.
- Bulb & cap style electro-mechanical thermal limiter complaint with UL197
- Interior lights - Halogen, extended life, industrial rated, low voltage operation, 2 x 10W
- Multi-layer, 2" high temperature (1000°F) insulating material with corrugated aluminum wrap
- (3) Full pan size racks, solid core material, 301 stainless steel, fully polished, 0.306" diameter frame and 0.120" center support wire
- Cool Touch Door, double pane tempered glass, integral hinge for easy cleaning, easy change gasket
- Line supply cord strain relief and safety tether kit. NEC, UL IEC & CE rated

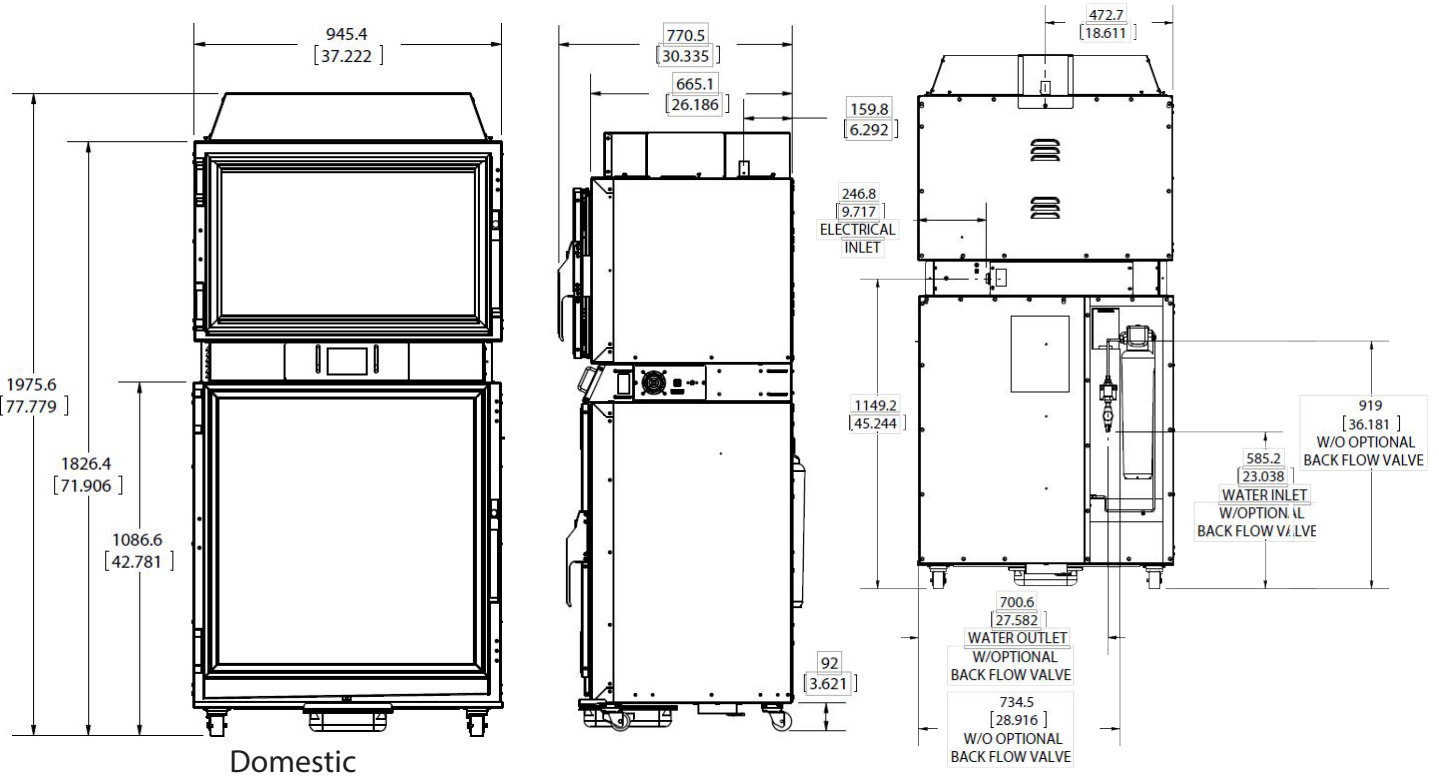
#### CONTROLS:

- PCB material FR4, 2-layer, conformal coated, 5.7 LCD display with touch panel, 256 color, ¼ VGA, 16M Hz clock, 12MB memory, integral I/O, OS microprocessor
- Instrument grade precision environmental sensing circuits provide +/-1 °F or less temperature control tolerance and less than +/-3% RH control tolerance. Graphics microprocessor.
- Interconnect to external programming device (USB), full range programmability includes entire software system, recipes, training, instruction, maintenance instructions and common languages.
- 6 baking recipes & 5 proofing recipes single touch accessed from the main menu screen.
- Separate audio alarms for each oven and proofer function
- Precision RTD temperature sensors for oven & proofer
- Precision humidity sensor, enclosed probe type, wide thermal response, differential compare output, full saturation compatible
- Solid state high current switching devices for long life and high reliability

#### PROOFER:

- Stainless Steel Exterior - Bottom: 430, 14 GA Top & Sides: 430 Steel, 18 GA
- Stainless Steel Interior - Top: 301, 14 GA Sides & Bottom: 301, 18 GA
- (2) 500 watt heating elements - 1,000 watts of proofing power
- Humidity generation system - Water supply system inlet filter, control valve, quick disconnect injection mist nozzle
- (3) Full pan size racks, solid core material, 301 stainless steel, fully polished, 0.306" diameter frame and 0.120" center support wire

# TSC-6/18M



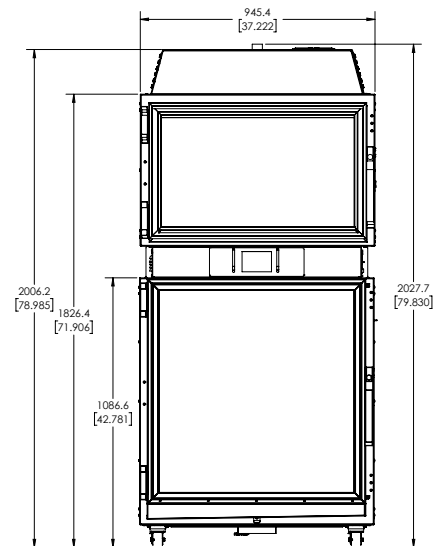
Domestic

**DIMENSIONS:**

Freight Class: 100

Model	Overall Depth		Overall Height		Overall Width		Cubic Ft. Crated	Weight Proofer Oven Only	
	in	mm	in	mm	in	mm		lbs.	kg.
Domestic	30.34	770.6	77.78	1975.6	37.22	945.3	74	580	263.08
International	30.34	77.06	78.98	2006.2	37.22	94.53	74	580	263.08

Electrical								Water Inlet
US				UK & EU				
Amps	Hz	Voltage	watts	Amps	Hz	Voltage	watts	
32/1ph	60	208	6650					.25"
32/3ph	60	208	6650					.25"
30/1ph	50&60	240	7200					.25"
30/3ph	60	240	7200					.25"
				30/3n	50	380/415	7200	.25"



International (CE)



**Duke Manufacturing Co.**  
 2305 N. Broadway  
 St. Louis, MO 63102

Phone: 314-231-1130  
 Toll Free: 1-800-735-3853  
 Fax: 314-231-5074

www.dukemfg.com