Turbo Vacuum Oven

SVO-5-T

PART ID: CTVT522-H

Interior Dimensions (W x D x H) 18" x 26" x 18" x 10" x 10 x 10 x 10 x 10 x 10 x 10 x	Capacity	4.88 cu.ft. (138 liters)
Exterior Dimensions (W x D x H) 737 x 1321 x 1758 mm Unit Weight 633 lb (287 kg) Shipping Weight 950 lb (431 kg) Shelves 3 SST Standard, 6 Maximum Maximum Weight Per Shelf 50 lb / 22.7 kg Permitted Total Load 200 lb / 90.7 kg Standard Door Gasket Vition Standard Access Port 1 - KF25, 1 CF2.75 Controls Watlow F4T Warranty 2 Year Limited Warranty Interior Construction 304 series stainless steel Exterior Construction 304 series stainless steel Wall Clearance, Each Side 6.0" (152 mm) Wall Clearance, Rear 12.0" (305 mm) Vertical Clearance 12.0" (305 mm) Electrical, 50/60Hz, AC, 10 20 Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) 4 At 30°C 9.2 At 150°C 16.3 At 220°C 26.3 Temp	Interior Dimensions (W x D x H)	
Shipping Weight 950 ib (431 kg) Shelves 3 SST Standard, 6 Maximum Maximum Weight Per Shelf 50 lb / 22.7 kg Permitted Total Load 200 lb / 90.7 kg Standard Door Gasket Viton Standard Access Port 1 - KF25, 1 CF2.75 Controls Watlow F4T Warranty 2 Year Limited Warranty Interior Construction 304 series stainless steel Exterior Construction 20 gauge steel, powder coated Wall Clearance, Each Side 6.0" (152 mm) Wall Clearance, Rear 12.0" (305 mm) Vertical Clearance 12.0" (305 mm) Electrical, 50/60Hz, AC, 10 20 Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) 4 At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C 68 Heat-Up Time — Minutes to 150°C 68 <th< td=""><td>Exterior Dimensions (W x D x H)</td><td></td></th<>	Exterior Dimensions (W x D x H)	
Shelves 3 SST Standard, 6 Maximum Maximum Weight Per Shelf 50 lb / 22.7 kg Permitted Total Load 200 lb / 90.7 kg Standard Door Gasket Vitton Standard Access Port 1 - KF25, 1 CF2.75 Controls Watlow F4T Warranty 2 Year Limited Warranty Interior Construction 304 series stainless steel Exterior Construction 20 gauge steel, powder coated Wall Clearance, Each Side 6.0° (152 mm) Wall Clearance, Rear 12.0° (305 mm) Vertical Clearance 12.0° (305 mm) Electrical, 50/60Hz, AC, 10 20 Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) 4.1 50°C 16.3 At 150°C 16.3 4.2 20°C 26.3 Temperature Range 20°C above ambient to 220°C 68 Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range 4.0 X 10-6° Torr Temperature Uniformity	Unit Weight	633 lb (287 kg)
Maximum Weight Per Shelf 50 lb / 22.7 kg Permitted Total Load 200 lb / 90.7 kg Standard Door Gasket Viton Standard Access Port 1 - KF25, 1 CF2.75 Controls Watlow F4T Warranty 2 Year Limited Warranty Interior Construction 304 series stainless steel Exterior Construction 20 gauge steel, powder coated Wall Clearance, Each Side 6.0° (152 mm) Wall Clearance, Rear 12.0° (305 mm) Vertical Clearance 12.0° (305 mm) Electrical, 50/60Hz, AC, 10 20 Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) 4 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 x 10-6° Torr	Shipping Weight	950 lb (431 kg)
Permitted Total Load 200 lb / 90.7 kg Standard Door Gasket Viton Standard Access Port 1-KF25,1 CF2.75 Controls Wattow F4T Warranty 2 Year Limited Warranty Interior Construction 304 series stainless steel Exterior Construction 20 gauge steel, powder coated Wall Clearance, Each Side 6.0" (152 mm) Wall Clearance, Rear 12.0" (305 mm) Vertical Clearance 12.0" (305 mm) Electrical, 50/60Hz, AC, 10 20 Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) 4 At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1,0 x 10-6 ° Torr Temperature Unif	Shelves	3 SST Standard, 6 Maximum
Standard Door Gasket Viton Standard Access Port 1-KF25,1 CF2.75 Controls Wattow F4T Warranty 2 Year Limited Warranty Interior Construction 304 series stainless steel Exterior Construction 20 gauge steel, powder coated Wall Clearance, Each Side 6.0" (152 mm) Wall Clearance, Rear 12.0" (305 mm) Vertical Clearance 12.0" (305 mm) Electrical, 50/60Hz, AC, 10 Voltage Voltage 220v-240v Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) X At 80°C 9.2 At 150°C 16.3 At 220°C 9.2 At 150°C 68 Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1,0 × 10-6° Torr Temperature Uniformity 1/- 6% of Set Point Temperature Stability <td>Maximum Weight Per Shelf</td> <td>50 lb / 22.7 kg</td>	Maximum Weight Per Shelf	50 lb / 22.7 kg
Access Port 1-KF25,1 CF2.75 Controls Wattow F4T Warranty 2 Year Limited Warranty Interior Construction 304 series stainless steel Exterior Construction 20 gauge steel, powder coated Wall Clearance, Each Side 6.0" (152 mm) Wall Clearance, Rear 12.0" (305 mm) Vertical Clearance 12.0" (305 mm) Electrical, 50/60Hz, AC, 10 20 Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) 3 At 80°C 9.2 At 150°C 16.3 At 220°C 9.2 At 150°C 16.3 At 220°C 68 Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range 4.10 × 10-6° Torr Temperature Uniformity 4/- 6% of Set Point Temperature Stability 4/- 0.2°C @ 1	Permitted Total Load	200 lb / 90.7 kg
Controls Watlow F4T Warranty 2 Year Limited Warranty Interior Construction 304 series stainless steel Exterior Construction 20 gauge steel, powder coated Wall Clearance, Each Side 6.0" (152 mm) Wall Clearance, Rear 12.0" (305 mm) Vertical Clearance 12.0" (305 mm) Electrical, 50/60Hz, AC, 1Ø 20 Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) 3 At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C 68 Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 × 10-6 ° Torr Temperature Uniformity +/- 6% of Set Point Temperature Stability +/- 0.2°C @ 150°C Vacuum Display Range 3.8e-10°0 Torr	Standard Door Gasket	Viton Standard
Warranty 2 Year Limited Warranty Interior Construction 304 series stainless steel Exterior Construction 20 gauge steel, powder coated Wall Clearance, Each Side 6.0° (152 mm) Wall Clearance, Rear 12.0° (305 mm) Vertical Clearance 12.0° (305 mm) Electrical, 50/60Hz, AC, 10/6 500 (305 mm) Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired ✓ Energy Consumption (kWh/day) 4 At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C 68 Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 × 10-6 ° Torr	Access Port	1-KF25, 1 CF2.75
Interior Construction 304 series stainless steel Exterior Construction 20 gauge steel, powder coated Wall Clearance, Each Side 6.0° (152 mm) Wall Clearance, Rear 12.0° (305 mm) Vertical Clearance 12.0° (305 mm) Electrical, 50/60Hz, AC, 10/0 20 Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) 4 At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C 68 Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 × 10-6 ° Torr	Controls	Watlow F4T
Exterior Construction 20 gauge steel, powder coated Wall Clearance, Each Side 6.0" (152 mm) Wall Clearance, Rear 12.0" (305 mm) Vertical Clearance 12.0" (305 mm) Electrical, 50/60Hz, AC, 1Ø Voltage Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) 4 At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C 468 Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 X 10-6° Torr	Warranty	2 Year Limited Warranty
Wall Clearance, Each Side 6.0" (152 mm) Wall Clearance, Rear 12.0" (305 mm) Vertical Clearance 12.0" (305 mm) Electrical, 50/60Hz, AC, 1Ø ■ Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired ✓ Energy Consumption (kWh/day) ■ At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C 68 Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 × 10-6° Torr	Interior Construction	304 series stainless steel
Wall Clearance, Rear 12.0" (305 mm) Vertical Clearance 12.0" (305 mm) Electrical, 50/60Hz, AC, 1Ø Voltage Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired ✓ Energy Consumption (kWh/day) At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 × 10-6 ° Torr	Exterior Construction	20 gauge steel, powder coated
Vertical Clearance 12.0" (305 mm) Electrical, 50/60Hz, AC, 1Ø Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired ✓ Energy Consumption (kWh/day) V At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 × 10-6 ° Torr	Wall Clearance, Each Side	6.0" (152 mm)
Electrical, 50/60Hz, AC, 1Ø Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 X 10-6° Torr	Wall Clearance, Rear	12.0" (305 mm)
Voltage 220V-240V Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 × 10-6 6 Torr	Vertical Clearance	12.0" (305 mm)
Full Load Amps 20 Nominal Power (watts @150°C) 1095 Direct Hardwired √ Energy Consumption (kWh/day) At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C 125 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C Temperature Vacuum Range 41.0 X 10-6° Torr Temperature Stability +/- 6% of Set Point Temperature Stability -/- 0.2°C @ 150°C	Electrical, 50/60Hz, AC, 1Ø	
Nominal Power (watts @150°C) Direct Hardwired ✓ Energy Consumption (kWh/day) At 80°C At 150°C At 220°C Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C Toperation Vacuum Range ✓ 1.0 X 10-6° Torr Temperature Vniformity Temperature Stability Vacuum Display Range 3.8e-10-10 Torr	Voltage	220V-240V
Direct Hardwired Fenergy Consumption (kWh/day) At 80°C At 150°C At 150°C At 220°C Temperature Range 20°C above ambient to 220°C Heat-Up Time − Minutes to 80°C Heat-Up Time − Minutes to 150°C Heat-Up Time − Minutes to 220°C Toperation Vacuum Range	Full Load Amps	20
Energy Consumption (kWh/day) At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 X 10-6° Torr Temperature Stability +/- 0.2°C @ 150°C Vacuum Display Range 3.8e-10° Torr	Nominal Power (watts @150°C)	1095
At 80°C 9.2 At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 × 10-6° Torr	Direct Hardwired	✓
At 150°C 16.3 At 220°C 26.3 Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 X 10-6° Torr	Energy Consumption (kWh/day)	
At 220°C 26.3 Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 X 10-6° Torr Temperature Uniformity +/- 6% of Set Point Temperature Stability +/- 0.2°C @ 150°C Vacuum Display Range 3.8e-10-10 Torr	At 80°C	9.2
Temperature Range 20°C above ambient to 220°C Heat-Up Time — Minutes to 80°C Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 × 10-6°6 Torr Temperature Uniformity +/- 6% of Set Point Temperature Stability +/- 0.2°C @ 150°C Vacuum Display Range 3.8e-10-10 Torr	At 150°C	16.3
Heat-Up Time — Minutes to 80°C 68 Heat-Up Time — Minutes to 150°C 125 Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 X 10-6° Torr	At 220°C	26.3
Heat-Up Time — Minutes to 150°C Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 X 10-6°6 Torr Temperature Uniformity +/- 6% of Set Point Temperature Stability +/- 0.2°C @ 150°C Vacuum Display Range 3.8e-10-10 Torr	Temperature Range 20°C above ambient to 220°C	
Heat-Up Time — Minutes to 220°C 177 Operation Vacuum Range <1.0 X 10-6° Torr Temperature Uniformity +/- 6% of Set Point Temperature Stability +/- 0.2°C @ 150°C Vacuum Display Range 3.8e-10-10 Torr	Heat-Up Time — Minutes to 80°C	68
Operation Vacuum Range <1.0 X 10-6 Torr Temperature Uniformity +/- 6% of Set Point Temperature Stability +/- 0.2 C @ 150 C Vacuum Display Range 3.8e-10 Torr	Heat-Up Time — Minutes to 150°C	125
Temperature Uniformity +/- 6% of Set Point Temperature Stability +/- 0.2°C @ 150°C Vacuum Display Range 3.8e-10-10 Torr	Heat-Up Time — Minutes to 220°C	177
Temperature Stability +/- 0.2°C @ 150°C Vacuum Display Range 3.8e-10 ⁻¹⁰ Torr	Operation Vacuum Range	<1.0 X 10-6 ⁻⁶ Torr
Vacuum Display Range 3.8e-10 ⁻¹⁰ Torr	Temperature Uniformity	+/- 6% of Set Point
· , · ·	Temperature Stability	+/- 0.2°C @ 150°C
Safety Certifications UL 61010-1, EN 61010-1, CSA 61010-1, CE	Vacuum Display Range	3.8e-10 ⁻¹⁰ Torr
	Safety Certifications	UL 61010-1, EN 61010-1, CSA 61010-1, CE

We reserve the right to alter specifications at any time.







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