## 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 <sup>-10</sup> Torr	Operation Vacuum Range	<1.0 X 10-6 <sup>-6</sup> Torr
Vacuum Display Range 3.8e-10 <sup>-10</sup> 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 <sup>-10</sup> 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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