

# SUN STORAGETEK™

# POWER CONSUMPTION AND HEAT DISSIPATION

Product	Heat Dissipation	Power Consumption
<b>Tape Libraries</b>		
Sun StorageTek™ SL8500 Modular Library System (Base Library)	956 BTU/hr (idle) / 1331 BTU/hr (max cont.)	280W (idle) / 390W (max cont.)
SL8500 – 9840 Drive Tray	317 BTU/hr (idle) / 430 BTU/hr (max cont.)	93W (idle) / 126W (max cont.)
SL8500 – 9940 Drive Tray	317 BTU/hr (idle) / 382 BTU/hr (max cont.)	93W (idle) / 112W (max cont.)
SL8500 – T10000 Drive Tray	232 BTU/hr (idle) / 348 BTU/hr (max cont.)	68W (idle) / 102W (max cont.)
SL8500 – LTO Drive Tray	119 BTU/hr (idle) / 181 BTU/hr (max cont.)	35W (idle) / 53W (max cont.)
SL8500 – SDLT Drive Tray	150 BTU/hr (idle) / 205 BTU/hr (max cont.)	44W (idle) / 60W (max cont.)
Sun StorageTek™ L1400 Tape Library (Base Library)	290 BTU/hr (idle) / 382 BTU/hr (max cont.)	85W (idle) / 112W (max cont.)
L1400 – 9840 Drive Tray	236 BTU/hr (idle) / 348 BTU/hr (max cont.)	69W (idle) / 102W (max cont.)
L1400 – 9940 Drive Tray	236 BTU/hr (idle) / 300 BTU/hr (max cont.)	69W (idle) / 88W (max cont.)
L1400 – LTO Drive Tray	116 BTU/hr (idle) / 177 BTU/hr (max cont.)	34W (idle) / 52W (max cont.)
Sun StorageTek™ SL500 Modular Library System (Base Library)	198 BTU/hr (idle) / 287 BTU/hr (max cont.)	58W (idle) / 84W (max cont.)
SL500 – LTO Drive Tray	78 BTU/hr (idle) / 154 BTU/hr (max cont.)	23W (idle) / 45W (max cont.)
Sun StorageTek™ C4 Tape Library	3070 BTU/hr fully populated average	900W fully populated average
<b>Tape Virtualization</b>		
Sun StorageTek™ Virtual Tape Library (VTL) Plus	2151 BTU/hr (idle) / 2294 BTU/hr (max cont.)	630W (idle) / 672W (max cont.)
VTL Plus CSM200 Disk Tray	1031 BTU/hr (idle) / 1086 BTU/hr (max cont.)	302W (idle) / 318W (max cont.)
Sun StorageTek™ Virtual Storage Manager (VSM) System	8.6 minimum kBTU/hr 12.4 maximum kBTU/hr	KVA 2.6 minimum/3.8 maximum
<b>Tape Drives</b>		
Sun StorageTek™ T10000 Tape Drive	420 BTU/hr	58W (drive only) and 90W (including power supply)
Sun StorageTek™ T9940B Tape Drive	280 BTU/hr	82 VA
Sun StorageTek™ T9840C Tape Drive	280 BTU/hr	82 VA
Sun StorageTek™ T9840C Tape Drive	198 BTU/hr for 320 and 239 BTU/hr for 600	58 VA for 320 and 70 VA for 600
<b>Datacenter Disk</b>		
Sun StorageTek™ 9990V System	control frame: heat – 1.69 kW array frame: heat – 30.20 kW	control frame: power – 1.75 kVA array frame: power – 32.53 kVA
Sun StorageTek™ 9990 System	control frame: heat – 8.68 kW array frame: heat – 7.07 kW	control frame: power – 9.077 kVA array frame: power – 7.636 kVA
<b>Workgroup Disk</b>		
Sun StorageTek™ 3120 SCSI Array	170 BTU/hr	Idle: 70W at 110 V AC; 70W at 230 V AC Operating: 75W at 110 V AC; 75W at 230 V AC Spin up: 180W at 110 V AC; 180W at 230 V AC
<b>Boot Disk Solutions</b>		
Sun StorageTek™ D240 Media Tray	341 BTU/hr maximum	384W maximum



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