

F700 Series Site Preparation Guide

Hardware and clearance dimensions

The following table specifies the hardware and clearance dimensions you need to know to prepare your site.

Filer, disk shelf and system cabinet dimensions and weight			
F700 Series filers			
Height	22.23 cm	5.0 U	8.75 in.
Width	43.18 cm		17.0 in.
Depth	64.14 cm		25.25 in.
Weight	28.8 kg		64.0 lbs.
Fibre Channel StorageShelf			
Height	13.1 cm	2.9 U	5.12 in.
Width	44.5 cm		17.5 in.
Depth	35.3 cm		13.8 in.
Weight (1 empty shelf)	6.86 kg		15.24 lbs.
SCSI Dual StorageShelf 2			
Height	13.31 cm	2.9 U	5.24 in.
Width	45.01 cm		17.72 in.
Depth (with fans)	34.3 cm		13.50 in.
Weight (1 empty shelf)	6.12 kg		13.6 lbs.
NetApp® System Cabinet			
Height	185.42 cm	41.7 U	73 in.
Rack height	160.0 cm	36.0 U	63 in.
Width	60.96 cm		24 in.
Weight (empty cabinet)	167.8 kg		370 lbs.
Recommended minimum clearance			
Front clearance for rack mounted system	22.86 cm		9.0 in.
Rear clearance	170.2 cm		67.0 in.
Additional work space in rear	60.96 cm		24.0 in.
Vertical rack space	22.23 cm		8.75 in.
Top clearance, only in rear	3.81 cm		1.5 in.
Front and rear clearance for one cabinet	1.22 m		4.0 ft.

Environmental requirements

The following table specifies the environmental requirements for your site.

Environmental requirements for each filer or disk shelf in a system		
AC power	90 to 250V AC single phase, 47 to 63 Hz	
Minimum current per AC input	4A at 100 to 120V AC 2A at 200 to 240V AC	
Operating temperature range	50° F to 104° F	(10° C to 40° C)
Relative humidity, noncondensing	10%–90%	
Nonoperating temperature range	–4° F to 149° F	(–20° C to 65° C)
Relative humidity, noncondensing	10% to 90% in original shipping container	50% otherwise
Operating acoustic noise per unit	<50 decibels at 23° C	
Thermal rating		
F700 Series filer	1025 BTU/hr	
Fibre Channel StorageShelf FC7 (7 disks x 9 GB per shelf)	683 BTU/hr	
Fibre Channel StorageShelf FC8 (7 disks x 18 GB per shelf)	890 BTU/hr	
Dual StorageShelf 2 (13 disks x 9 GB)	748 BTU/hr	

Regulatory requirements

The following table specifies the regulatory requirements for preparing your site.

Regulations	Meets or exceeds the following regulations
Safety	EN 60950:1992, IEC 801-2:1984, EC 801-3:1984, EC 801-4:1988, UL1 950, CSA 950, TUV 950
RFI/EMI EMC	FCC Class A, EN 55022A:1987, IEC 801-3:1984, IEC 801-4:1988, CE
Immunity	EN 50082-1:1992
Estimated MTBF for filer	330 K/hrs