

Features & Specs.

FD-235HF SERIES, 3.5" FLOPPY DISK DRIVE

Features

- Supports 720KB and 1.44MB floppy formats.
- Utilizes rugged die-cast frame.
- Easy to install into any available 3.5" drive bay.
- Retail kit also available.
- Kit includes drive, 5.25" installation hardware & manual.

Specifications

Recording Method:	FM or MFM
Media:	High density (2HD) or normal density (2DD) 3.5" micro floppy disk
Motor Starting Time:	480msec.or less
Average Latency Time:	100msec. (300rpm)
Index:	1/revolution Detection Interval: 200msec. +or- 1.5%(300rpm)
MTTF:	30,000 POH or more
MTTR:	When failure, the FDD should be replaced in unit of the drive.
Error Rate:	Soft read error:1/10 to the 9th bits or less Hard read error:1/10 to the 12th bits or less Seek error:1/10 to the 6th seeks or less
Safety Standards:	Approved by UL, CSA, TUV
Ambient Temperature:	Operating: 4~51.7 deg. C (39~125 deg. F) Storage: -22~60 deg. C (-8~140 deg. F) Transportation: -40~65 deg. C (-40~149 deg. F)
Temperature Gradient:	Operating: 20 deg. C (68 deg. F)/hour or less(non-condensing) Storage and Transportation:30 deg. C (86 deg. F)/hour or less (non-condensing)

Relative Humidity:	Operating:
	20~80% (non-condensing) [Maximum wet-bulb temperature of 29.4 deg. C (85 degrees F)]
	Storage:
	5~90% (non-condensing) [Maximum wet-bulb temperature of 40 degrees C (104 deg. F)]
Vibration:	Transportation:
	5~95% (non-condensing) [Maximum wet-bulb temperature of 45 degrees C (113 deg. F)]
	Operating: 1.5G or less (10~100Hz, 1oct/min.) 1.0G or less (100~200Hz, 1oct/min.) 0.5G or less (200~600Hz, 1oct/min.)
	Transportation: 2.0G or less (10~100Hz, 1oct/min.)
Shock:	Operating: 5G or less (half-sine wave, 11msec.)
	Transportation: 70G or less (half-sine wave, 11msec.)
Power Requirements:	DC + 5V +or- 10% (DC 12V is not necessary) Permissible ripple: less than 100m Vp-p
Power Consumption:	Stand-by:15mW typical Read/Write: 1.5W typical
Dimensions:	101.6W X 25.4H X145D (mm) (4" X 1" X 5.71")
Weight:	345g (0.76lbs) typical