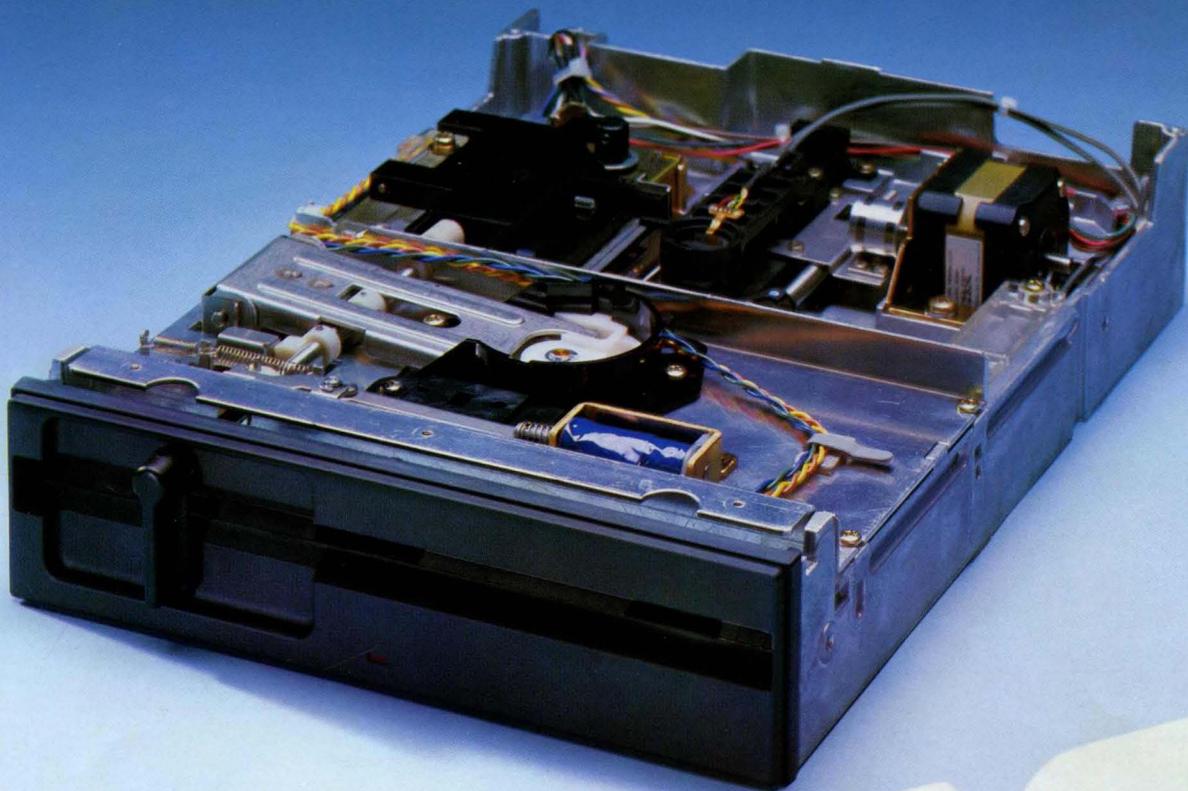


5/17/84

Panasonic

Half-Height 8-inch Floppy Disk Drives

JA-750 Series



750

Newly Developed 57mm Thick Floppy

Half-Height 8-inch Floppy Disk Drives JA-750 Series

Key Features

Thinly designed

Thickness is reduced to about half (57mm) of that of the conventional standard type floppy disk drives (117.3mm). Depth is also minimized to 308mm.

Direct drive motor

The brushless DC direct motor incorporated in the spindle motor eliminates all the troublesome operations such as frequency conversion and voltage adjustment.

High speed random access

Fast access of 3ms track to track is available by metal band actuator.

Mechanism preventing media from damage

Highly reliable read/write is guaranteed by the soft loading mechanism combined with BI-COMPLIANT head.

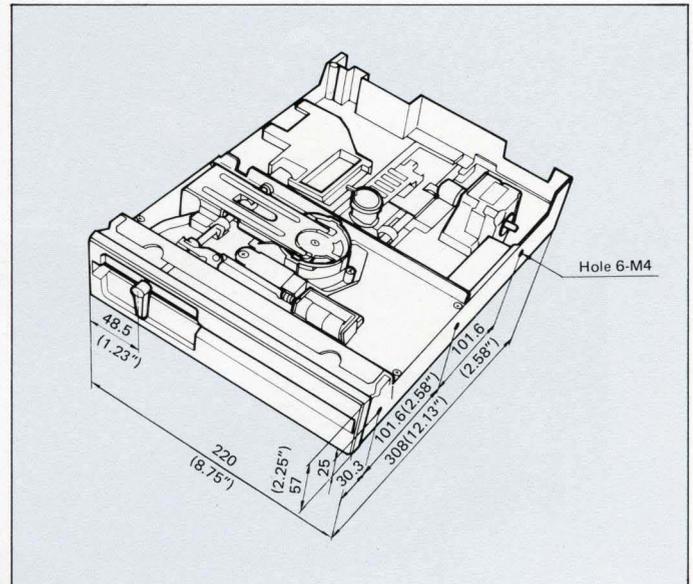
Extensive adoption of LSI

High reliability is achieved by an extensive adoption of LSIs for the main control circuits.

Specifications

		JA-751 (Double-side)	
		Single-density	Double-density
Capacity	Unformatted/Disk	0.8	1.6 MB
	Unformatted/Track	5.2	10.4 kB
	Formatted/Disk	0.5	1.0 MB
	Formatted/Track	3.3	6.6 kB
Recording density		3408	6816 BPI
Transfer rate		250	500 kbits/sec
Encoding method		FM	MFM
Latency (avg.)		83 ms	
Access time	Average (incl. setting)	91 msec	
	Track to track	3 msec	
	Setting time	15 msec	
	Head load time	50 msec	
Rotational speed		360 rpm	
Flux density		6816 fci	
Track density		48 TPI	
Tracks		154 (77)	
Heads		2	
Index		1	
DC Voltage requirement	24V ±10%	1.0 A (typ)	1.5A (max)
	5V ± 5%	1.3 A (typ)	1.6A (max)
Ambient temperature		4 ~ 46°C	
Relative humidity		20 ~ 80%	
Maximum wet bulb		25.6°C	
Dimensions HxWxDmm(inch)		57(2.25")x220(8.75")x308(12.13")	
Weight		3.5kg (7.7 lbs)	

Dimensions



For further information, please contact:

Manufactured by:

Matsushita Communication Industrial Co., Ltd.

4-3-1, Tsunashima-higashi, Kohoku-ku, Yokohama, Japan.
Tel: 045-531-1231 Telex: 03822-671

Export Division:

Matsushita Electric Trading Co., Ltd.

P.O. Box 18, Trade Center, Tokyo 105, Japan.
Tel: 03-435-4501 Telex: J24647 "MATSUELE"