



**Direct drives
from Viglen.**

DIRECT DRIVES

Manufactured to the highest standards using high quality Japanese disk drive mechanisms. The drives are housed in attractive metal cabinets finished in BBC beige. Both switchable and non-switchable versions are available, the

switchable versions have the track select switch situated below the drive and mounted in the front panel. All drives conform to BS415 when using an internally mounted power supply unit.



MODELS

A full range of models is available in both 5.25 inch and 3.5 inch formats. Ten 5.25 inch versions are available – five without power supply units and five with power supply units.

PSU MODELS (5.25" with BS415)
Single 100K and 400K
Dual 200K and 800K
Bridge Style 800K

NON PSU MODELS (5.25")
Single 100K and 400K
Dual 200K and 800K
Bridge Style 800K

3.5" FORMAT

Two models available
Single with PSU 400K
Dual with PSU 800K All drives have 3-year parts and labour warranty.

VIGLEN!

The Perfect Partners

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"DIRECT" 5.25 INCH FLOPPY DISK SPECIFICATIONS

Product Code	VPD0241	VPD0246	VPD0243	VPD0248	VPD0249	VPD0250
	(SINGLE DRIVES)		(DUAL DRIVES)			
Media	5.25"	5.25"	5.25"	5.25"	5.25"	5.25/3.5"
Tracks per inch	96	96	96	96	96	96/135
Number of tracks	80×2	80×2	80×2	80×2	80×2	80×2
Single/Double-sided	Double	Double	Double	Double	Double	Double
Recording Parameters	S/D D/D	S/D D/D	S/D D/D	S/D D/D	S/D D/D	S/D D/D
Encoding Method	FM/MFM		FM/MFM		FM/MFM	
Transfer Rate	125/250K bits/sec		125/250K bits/sec		125/250K bits/sec	
Bytes per track w/f	3125/6250		3125/6250		3125/6250	
Bytes per disk w/f	500,000-1,000,000		500,000-1,000,000×2		500,000-1,000,000×2	
Own PSU	NO	YES	NO	YES	YES	YES
Built-in Monitor Stand	ND	NO	NO	NO	YES	NO
Access time	87.3ms					
Average	3ms					
Track to Track	15ms					
Settling Time	300rpm					
Rotational Speed	10,000 p.o.h.					
MTBF	0.5 hour					
D.C. Current	0.5A (Typical) 1A (max) at motor start					
D.C. +/-5%	0.5A (Typical) 0.7A (max)					
5V +/-5%						
Ambient Temperature At Operation	10-45 degrees C					
Relative Humidity At Operation	20-80% RH (Wet-Bulb Temp under 29 Deg/C non-condensing)					

All 5.25" drives are switchable to 40 track mode

P.S.U. (Where fitted) 220/240 Volts a.c.

Controls & Indicators Power on/off on rear panel (front panel VPD0249)
1 amp Mains Fuse (on rear panel)
LED Drive selected indicator, manual door lock & track select switch on front panel