

DiamondMax® VL 40 Ultra DMA 100:

Model Number	Cyls	Hds	Sect	Max Cyls	Size GB
34098H4	79,408	16	63	16,383	40.9 GB
33073H3	59,556	16	63	16,383	30.7 GB
32049H2	39,704	16	63	16,383	20.4 GB
31535H2	29,777	16	63	16,383	15.3 GB
31024H1	19,852	16	63	16,383	10.2 GB

Misc. Drive Info:

NEVER enter more than 16,383 cylinders in the system BIOS. This may potentially cause data loss.

GB = 1 billion bytes. Total accessible capacity varies depending on operating environment.

For more information on **cylinder limitations**, **BIOS**, step-by-step installation procedures, troubleshooting procedures and more go to the Maxtor.com [Knowledge Base](#).

Jumper Settings:

Style A1



(Master) - The vertical jumper over the J50 pins is configuring the drive as a Master. The horizontal jumper over the J48 and J46 pins is in the Storage position.

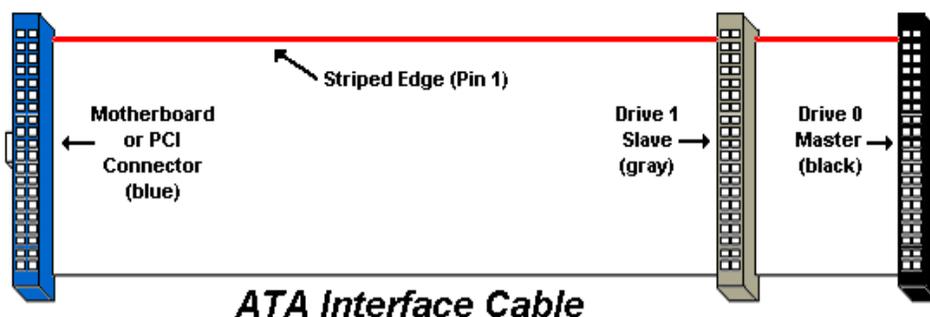
(Master with CLJ) - The vertical jumper over the J50 pins is configuring the drive as a Master. The vertical jumper over the J46 pins is in the Cylinder Limitation position (CLJ).

(Slave) - No jumper is required to configure the drive as a Slave. The jumpers over the J48, J46, J44 and J42 positions are both in the storage position.

(Slave with CLJ) - The jumper over the J44 and J42 positions is in the storage position. The jumper over the J46 pins is in the Cylinder Limitation position (CLJ).

(Cable Select) - The jumper over the J48 position is configuring the drive for Cable Select. The jumper over the J44 and J42 pins is in the storage position.

(Cable Select with CLJ) - The jumper over the J48 position is configuring the drive for Cable Select. The jumper over the J46 pins is in the Cylinder Limitation position (CLJ).



Key Features:

- Maximum Capacity of 40.9 GB
- Fast ATA/Enhanced IDE compatible
- Digital Signal Processor (DSP)-Based Architecture
- Ultra ATA/100 Data Transfer Rate
- 2 MB SDRAM Cache Buffer
- < 9.5 ms Seek Time

Cable Requirements:

An 80-Wire UDMA Interface Cable is **REQUIRED** for all UDMA/100 & UDMA/66 hard drives.

(Recommended for UDMA/33)