



Control Data 849/851 Disk Packs are removable, interchangeable memory devices which are used in conjunction with disk storage drives. The disk pack and associated drive provide random-access data storage for computer systems.

The 849 and 851 Disk Packs contain 6 recording disks each. Four disks have two recording surfaces: two have one recording surface. This provides a total of 10 data storage surfaces per disk pack, and up to 200 tracks can be recorded on each surface. The disks are 14.030 inches in diameter, 0.050-inch thick, and made of aluminum which is coated with ferromagnetic iron oxide material in suitable binder.

The sector disk is located adjacent to the lowest recording disk of the pack assembly, and the number of radial slots at the edge of the sector disk constitutes the major difference between the 849/851 packs. This disk is 0.051-inch thick and 14.3 inches in diameter. The sector disk of the 849 pack has 20 sectors and is compatible with IBM and equivalent disk storage drives. The sector disk of the 851 pack has 32 sectors and is compatible with CDC and equivalent drives (see Specifications).

An exceptionally strong, special plastic is used in all Control Data disk pack canisters. This enclosure is engineered to prevent dust from entering the pack assembly while in storage, and protects the entire pack from damage. The disk pack is attached to the top cover,

which contains a handle for easy load/unload handling. A replaceable filter is located at the bottom of the pack and prohibits particles of 45 microns or larger from reaching the recording surfaces. While rotating, the disk pack acts as an air pump, drawing air through the filter and dispersing the air radially between the disk surfaces. This provides a filtered-air environment for the recording heads and prevents intrusion of foreign particles.

SPECIFICATIONS

Number of Recording Disks: 6

Recording Surfaces: 10

Sector Disk: 849 Pack—20 sectors

851 Pack—32 sectors

Canister Size: 14 $\frac{3}{4}$ " diameter

3 $\frac{7}{8}$ " high

Overall Weight: Less than 10 pounds.

Compatibility: 849 Pack—CDC 852, IBM 1311, 2311 and their equivalents.

851 Pack—CDC 853, 854 and equivalents.

All Control Data disk packs are designed and manufactured under strict quality-control conditions and warranted to perform as promised according to highly critical performance standards. For further details, please contact your nearest Control Data Representative.