

FRONT

PICTURE 1

**IBM Personal System/2
SCSI External Storage Enclosure**

March 26, 1991

This package contains an update to the *IBM Personal System/2 Hardware Maintenance Reference* manual (part number 15F2190, form number S15F-2190-00).

Instructions for updating the manual are on page ii.

IBM and Personal System/2 are trademarks of the International Business Machines Corporation.

| Copyright International Business Machines Corporation 1991.
All rights reserved.

Note to U.S. Government users-Documentation related to Restricted rights-Use, duplication, or disclosure is subject to restrictions set forth in GSA ADP Schedule Contract with IBM Corp.

Part Number 91F9233
Form Number S91F-9233-00

Instructions

To update your manual, follow the instructions below.

Remove from your reference manual

Insert from this package

No removals

IBM Personal System/2 SCSI External Storage Enclosure supplement behind the "Options and Adapters (Micro Channel)" tab.

1.0 SCSI External Storage Enclosure

The IBM (*) Personal System/2* SCSI External Storage Enclosure is an enclosure for 3.5-inch and 5.25-inch, half-high, IBM SCSI drives. When installed in the storage enclosure, the drive is attached (by a cable) to the external connector of an IBM SCSI adapter. Up to seven storage enclosures containing drives can be connected to a single SCSI adapter.

The storage enclosure contains a power supply and a fan. An arrow on top of the fan shows the direction of the air flow from the fan. If a 320MB or a 400MB SCSI Fixed Disk Drive is installed in the storage enclosure, the arrow must point toward the *inside* of the storage enclosure. For all other devices the arrow must point toward the *outside* of the storage enclosure.

(*) Trademarks of the International Business Machines Corporation.

Subtopics

- 1.1 Removal and Replacement
- 1.2 Specifications

1.1 Removal and Replacement

Use the following procedures to remove the FRUs:

Subtopics

1.1.1 Cover

1.1.2 Power Supply

1.1.3 Fan Assembly

1.1.1 Cover

Unlock the cover lock 1.

PICTURE 2

Note: After removing the cover, remove the metal shield 4 by lifting up the rear edge.

1.1.2 *Power Supply*

Disconnect the power-supply connectors.

PICTURE 3

1.1.3 *Fan Assembly*

Disconnect the fan-assembly power connectors. Note the direction of the air-flow arrow before removing the fan.

PICTURE 4

1.2 *Specifications*

Subtopics

1.2.1 Size

1.2.2 Weight

1.2.3 Environment

1.2.4 Heat Output

1.2.1 Size

- Width: 240 mm (9.44 in.)
- Depth: 280 mm (11.02 in.)
- Height: 76 mm (2.99 in.).

1.2.2 *Weight*

3.2 kg (7 lb).

1.2.3 Environment

- Air Temperature:
 - Operating: 16°C to 32°C (60°F to 90°F)
 - Power Off: 10°C to 43°C (50°F to 110°F)

Note: See the system-unit specifications for system-unit operating temperature.

- Operating Humidity: 8% to 80% using IEC 908 media.

1.2.4 Heat Output

78 British Thermal Units (BTU) per hour (22.8 Watts per hour).

1.2.5 Electrical

- Input voltage (sine wave input is required)
 - Low Range:
 - Minimum: 90 Vac - Maximum: 137 Vac.
 - High Range:
 - Minimum: 180 Vac - Maximum: 265 Vac.
- Output voltage
 - 4.75 to 5.25 V dc
 - 11.4 to 12.6 V dc.
- Input kilovolt-amperes (kVA)
 - Minimum: Approximately 0.017 kVA
 - Maximum: Approximately 0.060 kVA.

Notes: