

Installing Pioneer Industrial LaserDisc Players in Kiosks

Introduction

Here are some guidelines for installing several Pioneer industrial LaserDisc Players in commercial or informational kiosks. Mainly, make sure there is air circulating to keep the players cool, and make sure that air intake holes are covered with dust proof filters. Problems occur when the players are operated in overheated or dusty environments.

The temperature inside the kiosk should not exceed 95⁰ F (+35⁰ C), nor should it fall below 41⁰ F (+5⁰ C). Operating humidity should be between 5% and 90%. There should be no moisture condensation.

NOTE: Do not ship a kiosk with a player installed. Ship the player separately in it's original styrofoam packaging and carton or in a specially made shipping case. Also, never ship a disc inside a LaserDisc player. Always ship discs separately.

Ventilation measures

1. When the LaserDisc player is housed in a kiosk with other equipment that generates heat, such as a computer, monitor or amplifier, the LaserDisc player should be placed below the other equipment in the rack.
2. A ventilating hole should be cut in the kiosk directly behind and slightly above the LaserDisc Player to allow air to be drawn into the kiosk. It should be as large as possible and **MUST** be covered with a dust proof filter.
3. A ventilating fan should be installed at the back of the kiosk and near the top. The fan should have the flow rate of at least 3 m³/ minute and multiple fans should be installed if necessary.
4. Allow a space of at least 20 cm (approx 9.1") between the shelves of the kiosk.
5. Allow a clearance of at least 5 cm (approx 2.3") between LaserDisc players.
6. Allow a space of at least 6 cm (approx 2.7") at the sides of the LaserDisc player.
7. When the kiosk is installed close to a wall, allow a clearance of at least 8 cm (approx. 3.6") to the wall.

See illustrations on pages 2 and 3. See page 4 for dimensions and weight of players

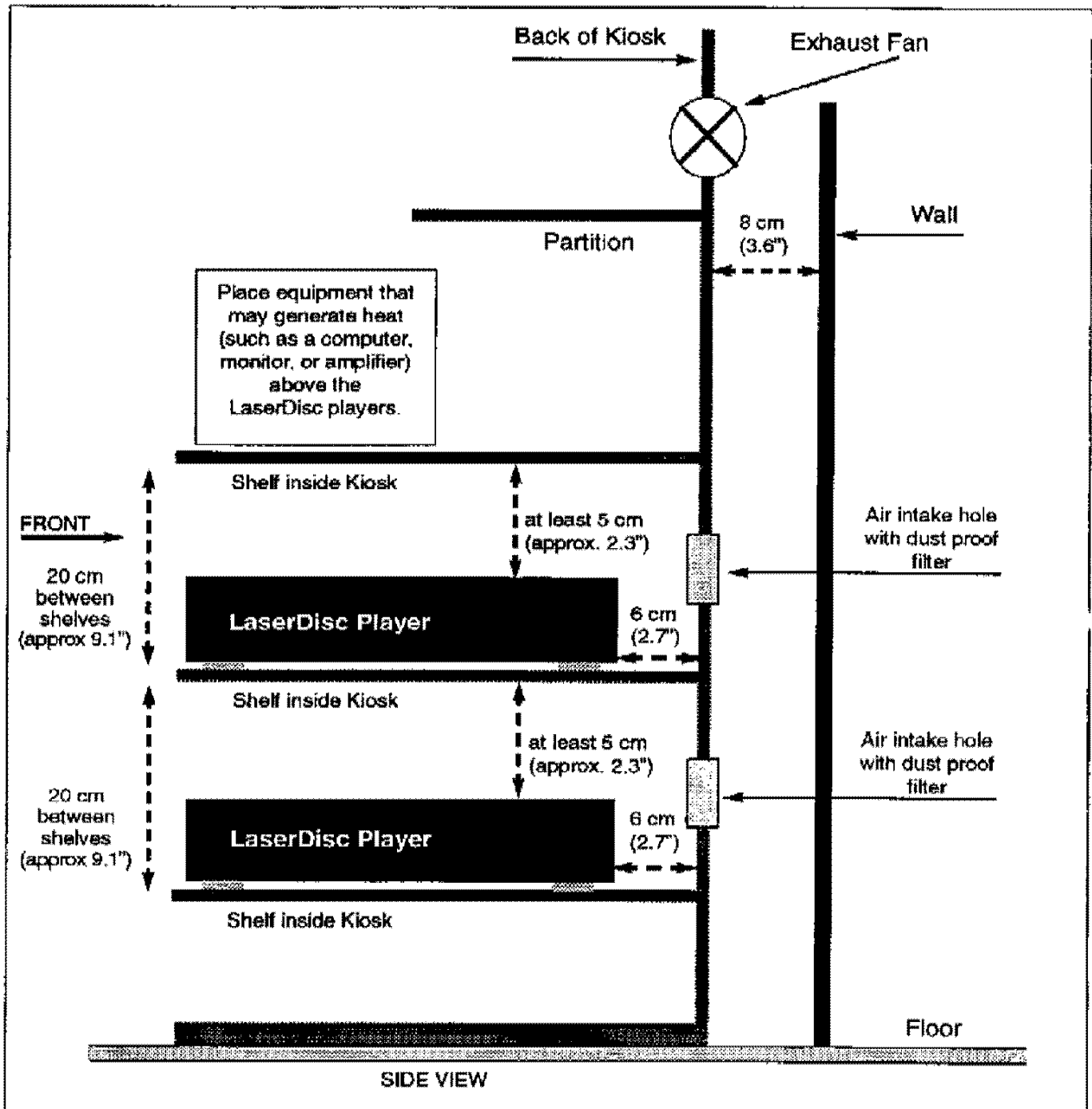


Figure 1 — Cut-away side view of kiosk, showing dimensions and construction to allow for air flow to adequately ventilate the LaserDisc players while also protecting them from dust.

NOTE — If the installation is to include large speakers with heavy magnets, install them as far away from the LaserDisc players and monitor as possible, or use shielded speakers.

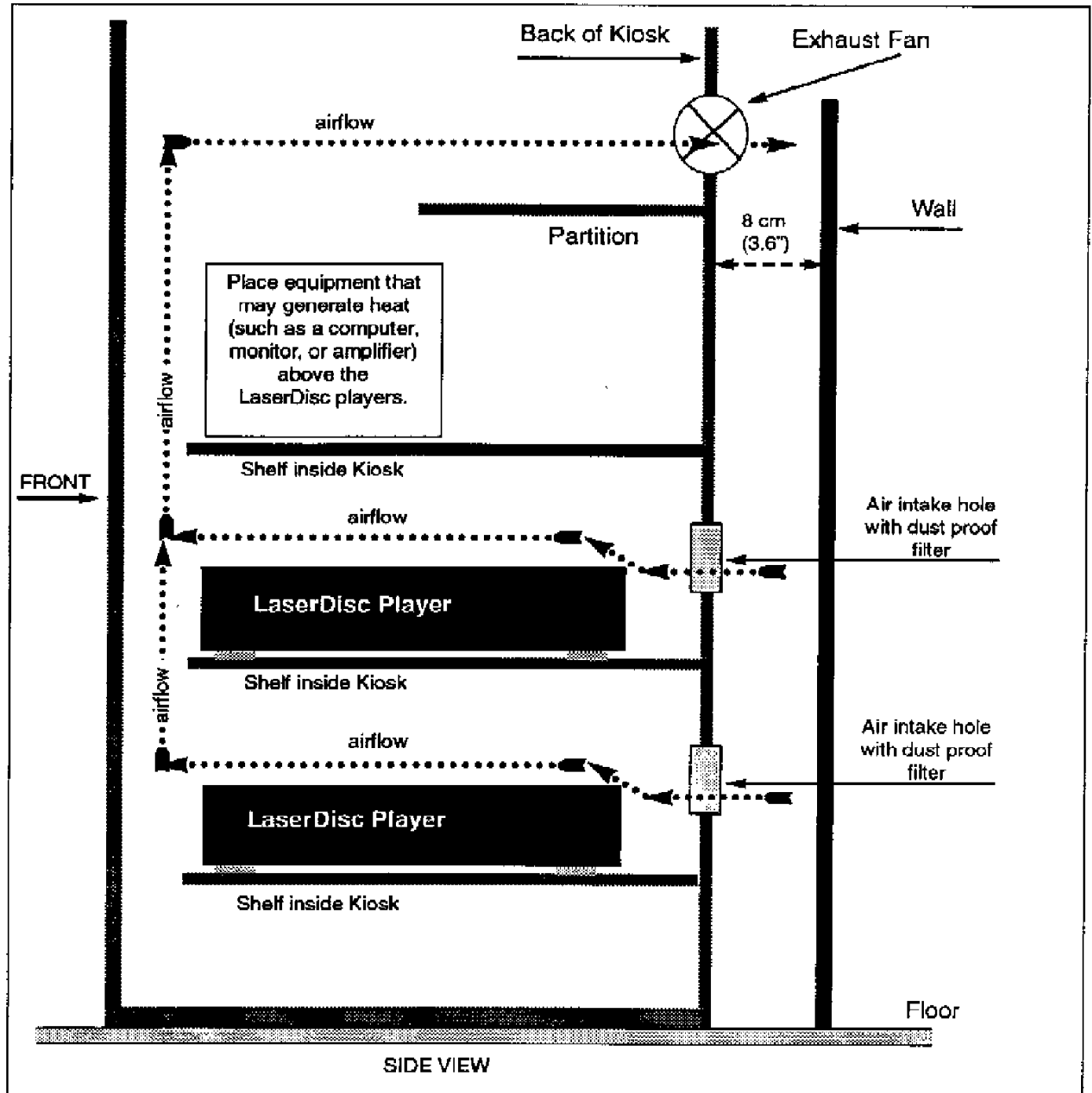


Figure 2 — Cutaway, side view showing diagram of air flow

NOTE: Air must flow through the kiosk at a rate of 3 meters³ / minute. Install multiple exhaust fans, if necessary. Cover air intake holes with dust proof filters.

Dimensions and Weight of Pioneer Industrial LaserDisc Players

	LD-V8000	LD-V4400	CLD-V2600	CLD-V2400
Dimensions (w x h x d)	17" x 6" x 18"	16.5" x 5" x 17"	16.5" x 5" x 15.5"	16.5" x 5" x 16.25"
Weight	35 lbs.	28 lbs.	17lbs.	16 lbs 12 oz.

Discontinued Pioneer Industrial LaserDisc Players

	LD-V2000	LD-V2200	LD-V4200	LD-V6000
Dimensions (w x h x d)	17" x 4" x 16"	17" x 5" x 18"	17" x 4" x 16"	17" x 6" x 16"
Weight	19 lbs.	21 lbs.	21lbs.	31 lbs