

# Circleslide

SPECIALTY ENTRANCES



Boon Edam's Circleslide is ideal for buildings in need of an attractive but still highly effective entrance. The Circleslide is a pair of curved, automatic sliding doors that form a vestibule. Its design offers spacious passage for pedestrians while its operation works to minimize drafts and the infiltration of unwanted outside air.

The Circleslide can be manufactured as a full enclosure including two pair of curved automatic sliding doors or as a

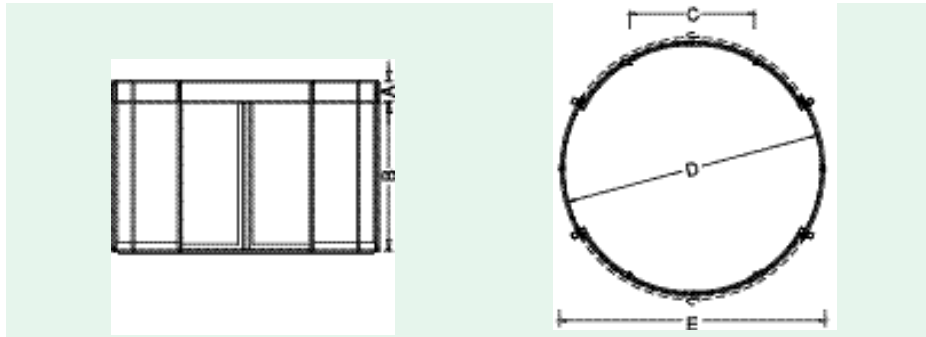
half enclosure including a single pair of curved automatic sliding doors. The sliding doors are activated by individual motion detectors mounted in the ceiling and will slide open upon demand.

An optional interlock feature in the Circleslide will prevent the second pair of doors from opening until the first pair is closed. This allows the Circleslide to provide a true airlock but significantly reduces traffic throughput.

The Circleslide incorporates an emergency power supply which allows the sliding doors to function up to 30 minutes in the event of a power failure. During a fire alarm, both doors will automatically slide open.

It is no wonder that Boon Edam has installed the Circleslide all over the world as the entrance to hotels, banks, office buildings and retail stores.

# Circleslide



	Minimum				Maximum
	6'0"	7'0"	8'0"	9'0"	10'0"
A	1'0"	1'0"	1'0"	1'0"	1'0"
B	7'2½"	7'2½"	7'2½"	7'2½"	7'2½"
C	3'10"	4'3⅝"	5'2¾"	5'8⅞"	6'2"
D	6'6¾"	7'2½"	8'6¼"	9'2"	9'10"
E	6'9¾"	7'5½"	8'9¼"	9'5"	10'1"

## Construction

The standard Circleslide consists of two pair of curved sliding doors, two sidewalls and a canopy—all manufactured from aluminum extrusions and formed aluminum sheet. The standard sidewall construction utilizes a vertical endpost on each side and one vertical midpost in the center. This maximizes the amount of glass utilized, and therefore, the visibility through and around the door.

Each pair of sliding doors is opened and closed via a belt driven operator. Mounted above the ceiling, this system receives the signals from the motion detectors and slides the doors open automatically. The doors then close after a pre-programmed time delay. Each drive system consists of a DC motor with a microprocessor control unit. 208V 3-phase service is required.

Standard glazing includes 1/4" clear tempered safety glass, both in the sliding door panels and the sidewalls. Tempered safety glass provides a tough surface strength which reduces the chance for glass breakage. Laminated safety glass is available as an option in the curved sidewalls.

Standard mechanical hookbolt locks are furnished. Fail-safe and fail-secure electric locking options are available. A dust cover is included as a standard feature. Dust covers with matching finish or a water resistant covering are available as an option.

## Sensor Systems

A combination of active infrared sensors are used to detect presence between each of the door panels and stop and reverse the direction of the door movement when actuated. Compression switches are also mounted on each door panel (SRD) which stop and reverse the door's direction when contacted.