



INTERNATIONAL REVOLVING DOOR

## Saturn

### The Classic Revolving Door

IRD's Saturn manual revolving doors are found in many unique places around the world. The most noticeable installations are in large buildings in urban centers. Other locations include large supported dome structures for sporting venues, historic buildings and coal mine shafts 3000 feet below the earth's surface. We even have doors installed on US nuclear submarines and battleships!

**Classic Design:** The Saturn is International's classic revolving door design. Superb craftsmanship creates a revolving door of enduring quality and aesthetics.

**Materials:** Available in stainless steel, aluminum and bronze. A variety of finishes offered based on material:

- #4 Brushed Stainless Steel or Bronze
- #8 Polished Mirrored Stainless Steel or Bronze
- Painted Aluminum
- Anodized Aluminum
- Statuary Bronze

**Custom Sizing:** Door diameters range from 6'6" (standard) to 9'11". IRD offers a larger door known as our Saturn XL. This door typically is between 10'-0" and 12'-0" in diameter.

**Optional Automatic:** The Saturn design is also available as an automatic door with sizes up to 10'.

#### FEATURE SUMMARY

- Minimal visible fasteners: available on stainless and bronze doors.
- Fully framed wings
- Radiused outside wing stiles
- 4" wing and wall sightlines
- 3 1/8" canopy height (standard)
- Floor locks with cylinders
- 3 or 4-wing designs
- IRD Standard pushbar (3/8 x 2")
- Option of overhead or stationary floor mounted speed control
  - regulates the speed of the revolving door for user safety and comfort
- Simultaneous entry and exit
- Collapsible wings (for emergency situations)
- BOCA and IBC compliant

#### BENEFITS INCLUDE

**Significant cost saving** by minimizing A/C and heat losses: revolving doors are the most efficient method for controlling a building's stack pressure while reducing heating and cooling costs. Compared to swing doors, revolving doors reduce over 500% of unwanted air from infiltrating the inside of the building.

#### OPTIONS

- Comet clear view wings available
  - Narrow or medium stile
  - Clipped or round canopy
- Custom material types such as wood finish
- Ceiling lights
- Floor mounted speed control
- Tinted glass
- Low iron glass
- Solid side walls
- Custom height wing and wall post sightlines available
- Multiple custom push bars options available



AESTHETICALLY BEAUTIFUL  
HAND CRAFTED DURABILITY  
ALWAYS OPEN - ALWAYS CLOSED - ALWAYS EFFICIENT

AMERICAN OWNED  AMERICAN MADE



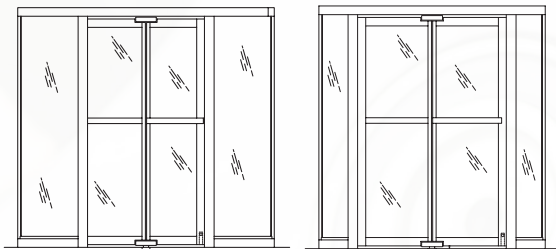
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### GET THE DOOR YOU REALLY WANT

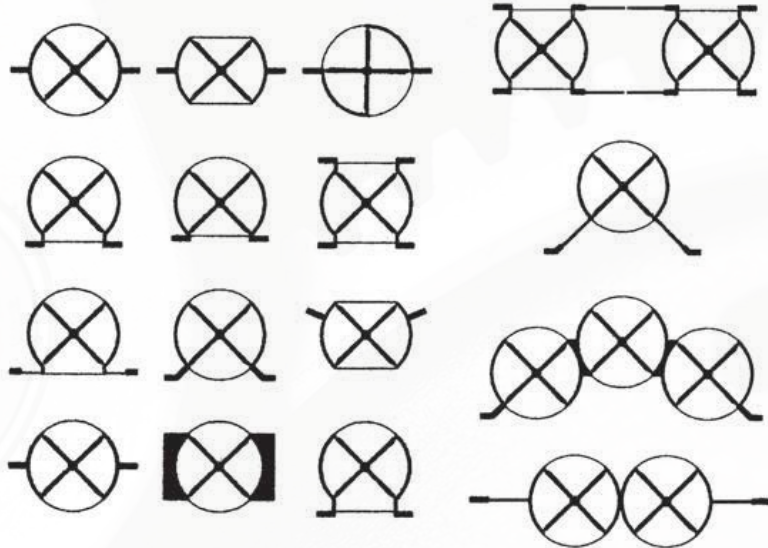
International can design and produce virtually any type and size of revolving door required. Let your imagination design your entrance solution and we can engineer and produce your requirements.

### COMMON ENTRY PLANS

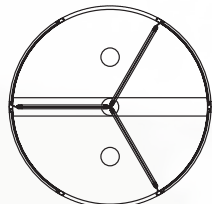


3-Wing Aluminum Saturn Revolving Door

4-Wing Aluminum Saturn Revolving Door

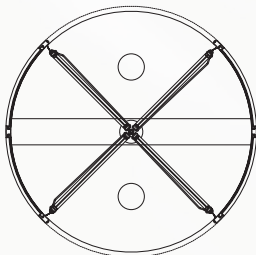


3-Wing Aluminum Saturn Revolving Door Interior



Exterior

4-Wing Aluminum Saturn Revolving Door Interior



Exterior

### SATURN MANUAL 3-WING DOOR MODELS

INSIDE DIAMETER	ALUMINUM		STAINLESS / BRONZE	
	"A" Entrance	"B" Jamb to Jamb Opening	"A" Entrance	"B" Jamb to Jamb Opening
7'-6"	3'-6 1/2"	7'-10"	3'-6 1/2"	7'-10 1/4"
8'-0"	3'-9 1/2"	8'-4"	3'-9 1/2"	8'-4 1/4"
8'-6"	4'-0 1/2"	8'-10"	4'-0 1/2"	8'-10 1/4"
9'-0"	4'-3 1/2"	9'-4"	4'-3 1/2"	9'-4 1/4"
9'-6"	4'-6 1/2"	9'-10"	4'-6 1/2"	9'-10 1/4"
10'-0"	4'-9 1/2"	10'-4"	4'-9 1/2"	10'-4 1/4"
10'-6"	5'-0 1/2"	10'-10"	5'-0 1/2"	10'-10 1/4"

### SATURN MANUAL 4-WING DOOR MODELS

INSIDE DIAMETER	ALUMINUM		STAINLESS / BRONZE	
	"A" Entrance	"B" Jamb to Jamb Opening	"A" Entrance	"B" Jamb to Jamb Opening
6'-6"	4'-5 1/4"	6'-10"	4'-5 1/4"	6'-10 1/4"
7'-0"	4'-9 1/2"	7'-4"	4'-9 1/2"	7'-4 1/4"
7'-6"	5'-1 3/4"	7'-10"	5'-1 3/4"	7'-10 1/4"
8'-0"	5'-6"	8'-4"	5'-6"	8'-4 1/4"
8'-6"	5'-10 1/4"	8'-10"	5'-10 1/4"	8'-10 1/4"
9'-0"	6'-2 1/2"	9'-4"	6'-2 1/2"	9'-4 1/4"
9'-6"	6'-6 3/4"	9'-10"	6'-6 3/4"	9'-10 1/4"
10'-0"	6'-11"	10'-4"	6'-11"	10'-4 1/4"
10'-6"	7'-3 1/4"	10'-10"	7'-3 1/4"	10'-4 1/4"

Charts show typical configurations. International can build your door to your individual specification requirement. In addition, finishes can include Stainless Steel Brushed, Stainless Steel Mirror, Bronze Clad, Aluminum, Anodized, Wood and Painted finishes.



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