

# Push and Go Power Assist

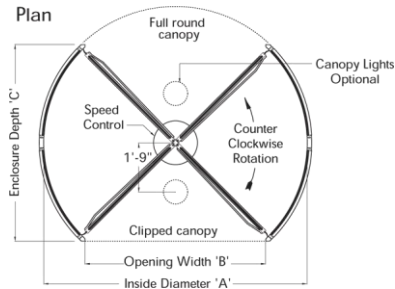


- A power assist unit that complies with ANSI standards for Manual doors with Power assist
- Compatible with 500, 1500, 2500 and 3500 series doors with overhead speed controls
- The door will require a 12" high canopy and will be constructed using the one-piece aluminum extrusion for painted and anodized doors. Clad door require a different construction method
- The soffit ceiling sheets will be in "pie" segments for easy access and adjustment to the motor and controls and for field assembly of the door
- When a person enters the door and applies force by pushing on the door wing it activates an AC motor that assists in the rotation of the door. Once force is removed (person stops pushing) or the door reaches the home position (X) the motor disengages, and the motor stops, and the door does not rotate
- If the door is out of position (+) for example after 15 seconds if there is no one present in the door sensor zone the door will rotate automatically to the home position (X), Quarter-point
- The door is driven by a 1/3 HP AC motor and helical bevel gearbox. Control of the motor is through a frequency inverter and programmable logic controller
- The activation is by a sliding linear target and proximity sensors that detects when there is force applied to the door wing
- This system can also accommodate actuators to lock the door wings if required

All Specifications are Subject to Change

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## 4-Wing Model



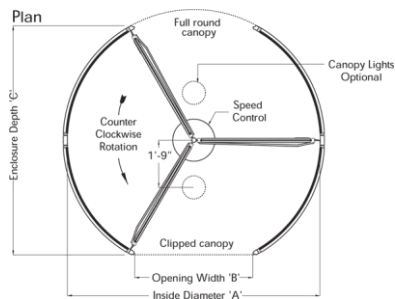
### Standard 4-Wing Dimensions

DOOR DIAMETER-A	OPENING WIDTH-B	ENCLOSURE DEPTH-C
*6' 6" (1981)	4' 5 1/4" (1353)	4' 10 5/8" (1489)
*7' 0" (2134)	4' 9 1/2" (1461)	5' 2 7/8" (1597)
*7' 6" (2286)	5' 1 3/4" (1568)	5' 7 1/8" (1705)
*8' 0" (2438)	5' 6" (1676)	5' 11 3/8" (1813)

### Standard 3-Wing Dimensions

DOOR DIAMETER-A	OPENING WIDTH-B	ENCLOSURE DEPTH-C
*6' 6" (1981)	3' 0 3/8" (924)	5' 11 1/4" (1810)
*7' 0" (2134)	3' 3 3/8" (1000)	6' 4 1/4" (1937)
*7' 6" (2286)	3' 6 3/8" (1076)	6' 9 7/16" (2069)
*8' 0" (2438)	3' 9 3/8" (1153)	7' 2 5/8" (2200)

## 3 Wing Model



Custom Dimensions are available in almost any size.  
 \* Denotes standard size doors in 7' 0"(2134) height.  
 All other sizes and heights are custom fabricated and finished to suit specific job requirements. **IMPORTANT NOTICE:** 3-WING models have a smaller opening width and therefore we recommend that 2 units be considered for in/out traffic flow.

## Specifications:

Description	Standard Configuration	Options
Diameters	Shown Above	Consult Factory
Heights	7' inside height	Consult Factory
Wings	3 or 4	3 or 4
Sweeps	Felt - Rubber - Black	Consult Factory
Locks	Two	Drop down actuators to lock wings
Finishes	Anodized	Painted, Stainless Steel or Muntz Clad
Collapsing	Concealed	
Canopy	3" (75 mm), 6" (150 mm)	Consult Factory
Drum glass	5/16" (8mm)	7/16" or 1/4"
Wing glass	1/4" 6mm	Optional sizes when clad
Wing Rails/Stiles	Narrow	
Bottom bearings	Tapered, roller steel	
Speed control	Overhead Electric Power Assist	Floor mounted hydraulic
Ceiling	One or two pieces	
Roof	Pie shaped segments	To match finish
Lights	2 optional	As requested
Custom Options	Consult Factory	

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