

Models	DIAMETER & STROKE	DOOR SIZE RANGE	DOOR WEIGHT RANGE
S 320 or F 320	3" x 9"	Under 5' Wide	Under 500 Lbs.
S 420 or F 420	4" x 9"	Over 5' Wide	Over 500 Lbs.
DIAMETER	Air requirements for complete cycle — open and close* (in cu ft free air)		
	80 psi	100 psi	120 psi
3"	.30	.36	.43
4"	.54	.66	.77
Swing Models		Fold Models	
S 320 — In Swing	F 320 — In Fold	Bracket For Over 100° Swing #SW-100 Side Wall Mounting Accessories #SW-180	
S 420 — In Swing	F 420 — In Fold		
S 320X — Out Swing			
S 420X — Out Swing			

### SUGGESTED DOOR OPERATOR SPECIFICATIONS:

All doors designated for powered operation shall be equipped with Air-Lec automatic door operators. Specific models will be as recommended by Air-Lec Industries, Inc., 3300 Commercial Ave., Madison, Wisconsin 53714. The manufacturer will recommend needed control kits, air filter-regulator kits and any other accessories deemed necessary for most effective door operation. The mechanical contractor shall provide an air line of not less than one-half inch pipe and a minimum pressure of 80 psi to a point within 5 feet of the center of the door opening. A shut-off valve should be installed on the air line to each door opening.

### TYPICAL OPERATOR REQUIREMENTS

Every door requires 1 door operator. Every opening requires 1 control kit and 1 filter-regulator kit. Extra control stations are available where more than 2 control stations per opening are desired. A dehydrator is recommended when excess moisture is present.

Single Door: Under 5' Wide:  
 1 S-320 Air-Lec Swing Operator  
 1 E-100 or A-10 Push Button Control Kit  
 1 6148 Filter-Regulator Kit  
 1 AS Air Seal (Cold Storage Applications)

Double Doors: Under 500 lbs. each  
 2 S-320 Swing Operators  
 1 E-400 or A-40 Pull-Cord Control Kit  
 1 6148 Filter-Regulator Kit  
 2 SW-100 Brackets for 110 degree swing