

MODEL	DIAMETER & STROKE	DOOR SIZE RANGE	DOOR WEIGHT RANGE
I 319	3" x 9"	5' to 10' Wide	Under 1000 Lbs.
I 419	4" x 9"	5' to 12' Wide	Over 1000 Lbs.
I 3117	3" x 17"	10' to 30' Wide	Under 1500 Lbs.
I 4117	4" x 17"	10' to 30' Wide	Over 1500 Lbs.

AIR REQUIREMENTS FOR COMPLETE CYCLE — OPEN & CLOSE
(IN CU. FT. FREE AIR)

MODEL	80 PSI	100 PSI	120 PSI
I 319	.43	.52	.61
I 419	.78	.95	1.12
I 3117	.83	1.01	1.19
I 4117	1.51	1.84	2.16

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 and 1 filter regulator kit. Extra control stations are available where more than 2 control stations per opening are desired. Heavy duty track and accessories as furnished by Air-Lec Industries, Inc. A dehydrator is recommended when excess moisture is present.

Single Doors: Under 10' Wide

- 1 I-319 Inertia Door Operator
- 1 E-300 or A-30 Pull Cord Control Kit
- 1 6148 Filter-Regulation Kit

Single Doors: Large—under 1,500 lbs.

- 1 I-3117 Inertia Door Operator
- 1 E-100 or A-10 Push-Button Control Kit
- 1 6148 Filter-Regulator Kit

Double Doors: Over 1,000 lbs.

- 2 I-419 Inertia Door Operators
- 1 E-400 or A-40 Pull-Cord Control Kit
- 1 6148 Filter-Regulator Kit