

The EDGE MRL™ (Rail Supported - Traction):

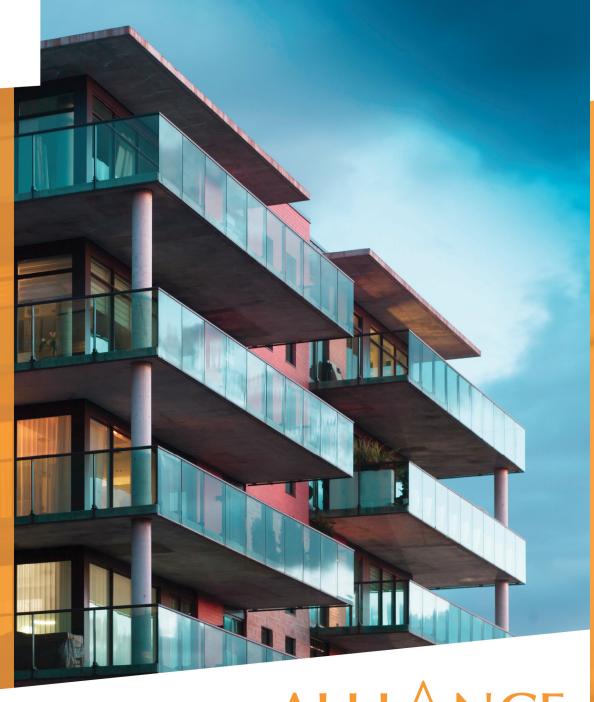
machine and boasts the tightest non-proprietary

Advantages:

- Saves on valuable floor space
- Superior performance and ride quality
- Reduction on the elevator power feeder
- Underslung assembly
- Standard & custom dimensions/interiors

Equipment Capabilities:

- Passenger and hospital cars
- Capacities from 2,100 3,500 lb
- Speeds from 100 FPM to 350 FPM
- Travel up to 50 ft







Capacity (lb)	Openings (Front/Rear)	Platform Size W x D	Hoistway Size W x D	Clear Opening	Clear Inside W x D	SSS0 Door	SSCO Door	2SSO Door
2100	F	6'-0" X 5'-1"	7'-8" X 5'-10"	3'-0"	5'-8" X 4'-3"	Χ		
2100	F&R	6'-0" X 5'-7 ½"	7'-8" X 6'-8"	3'-0"	5'-8" X 4'-4"	X		
2500	F	7'-0" X 5'-1"	8'-8" X 5'-10"	3'-6"	6'-8" X 4'-3"	X	X	
2500	F&R	7'-0" X 5'-7 ½"	8'-8" X 6'-8"	3'-6"	6'-8" X 4'-4"	X	X	
3000	F	7'-0" X 5'-6"	8'-8" X 6'-3"	3'-6"	6'-8" X 4'-8"	X	X	
3000	F&R	7'-0" X 5'-10 ½"	8'-8" X 6'-11"	3'-6"	6'-8" X 4'-7"	X	X	
3500	F	7'-0" X 6'-3"	8'-8" X 7'-0"	3'-6"	6'-8" X 5'-5"	X	X	
3500	F&R	7'-0" X 6'-7 ½"	8'-8" X 7'-8"	3'-6"	6'-8" X 5'-5"	X	X	

- Hoistway dimensions are minimum clear inside requirements. Shorter installation times can be obtained by increasing these dimensions by up to 2". Due to space limitations Rail Supported Elevator use compensation chain to avoid use of the counterweight guard.
- For seismic zone 2 and and up, add 2" to hoistway width to comply with Code requirements.
- Use of 8mm and 10mm ropes for traction elevator was approved by ASME A17.7 effective 1st July 2010.
- New York City Building Department has issued new rules governing the overhead requirements for MRL's. Please contact your AES representative.

Pit and Overhead Minimum Requirements for Cars with 8'-0" Cab Height

P2100		P2500		P3000		P3500		
Speed	Pit	O.H.	Pit	0.H.	Pit	0.H.	Pit	0.H.
100 FPM*	5'-0"	14'-6"/14'-0"	5'-0"	14'-6"/14'-0"	5'-0"	14'-6"/14'-0"	5'-0"	14'-6"/14'-0"
150 FPM*	5'-0"	14'-6"/14'-1"	5'-0"	14'-6"/14'-1"	5'-0"	14'-6"/14'-1"	5'-0"	14'-6"/14'-1"
200 FPM*	5'-0"	14'-9"/14'-3"	5'-0"	14'-9"/14'-3"	5'-0"	14'-9"/14'-3"	5'-0"	14'-9"/14'-3"
250 FPM**	5'-6"	15'-0"/14'-6"	5'-6"	15'-0"/14'-6"	5'-6"	15'-0"/14'-6"	5'-6"	15'-0"/14'-6"
300 FPM**	5'-6"	15'-1"/14'- 7 "	5'-6"	15'-1"/14'- 7 "	5'-6"	15'-1"/14'- 7 "	5'-6"	15'-1"/14'-7"
350 FPM**	5'-6"	15'-4"/14'-10"	5'-6"	15'-4"/14'-10"	5'-6"	15'-4"/14'-10"	5'-6"	15'-4"/14'-10"

- Rail Supported MRL designed with Torin TPM series machine.

- O.H. Left column has spring or oil buffers with 6" Runby/Right Column has all oil buffers with 0" Runby.

Note: Other hoistway sizes can be accommodated. Contact AES team for further information.