



MRL Family

Low Rise

The ADVANTAGE MRL™ (Hydraulic)

AVAILABLE IN TWO ARRANGEMENTS OPTIONS:

ADVANTAGE MRL™ IPA

The In-Pit Arrangement MRL utilizes an in-pit power unit accompanied by an in-wall controller and valve box, making this space saving configuration the ideal choice when every square inch of floor space counts.

ADVANTAGE MRL™ EDA

The Equipment Door Arrangement MRL utilizes engineered components and is a fantastic choice for service-minded building owners as it allows for easy access to many of the service components of the elevator equipment.

Advantages:

- Saves on valuable floor space
- Cost effective
- Low True cost of ownership
- Standard & custom dimensions/interiors available

Equipment Capabilities*:

- Passenger cars
- Capacities from 2,100 - 4,500 lb
- Speeds up to 100 FPM
- Travel up to 30 ft



ALLIANCE
ELEVATOR SOLUTIONS



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Low Capacity Standard Dimension & Specification Chart

Capacity (lb)	Openings (Front/Rear)	Door Type and Width	Platform Size W x D	Hoistway Size W x D	Clear Inside W x D	Running Clearance Sill/Plat	Sill Depth Required
2100	F	SSSO 36"	6'-0" x 5'-1"	7'-4" x 5'-9"	5'-8" x 4'-3"	1 ¼"	5"
2100	F&R	SSSO 36"	6'-0" x 5'-7 ½"	7'-4" x 6'-8"	5'-8" x 4'-4"	1 ¼"	5"
2500	F	SSSO 42"	7'-0" x 5'-1"	8'-4" x 5'-9"	6'-8" x 4'-3"	1 ¼"	5"
2500	F&R	SSSO 42"	7'-0" x 5'-7 ½"	8'-4" x 6'-8"	6'-8" x 4'-4"	1 ¼"	5"
3000	F	SSSO 42"	7'-0" x 5'-6"	8'-4" x 6'-2"	6'-8" x 4'-8"	1 ¼"	5"
3000	F&R	SSSO 42"	7'-0" x 5'-10 ½"	8'-4" x 6'-11"	6'-8" x 4'-7"	1 ¼"	5"
3500	F	SSSO 42"	7'-0" x 6'-3"	8'-4" x 6'-11"	6'-8" x 5'-5"	1 ¼"	5"
3500	F&R	SSSO 42"	7'-0" x 6'-7 ½"	8'-4" x 7'-8"	6'-8" x 5'-5"	1 ¼"	5"
3500H**	F	2SSO 42"	5'-4" x 8'-4"	6'-8" x 9'-3"	5'-0" x 7'-4"	1 ¼"	6 ½"
3500H**	F&R	2SSO 42"	5'-4" x 9'-0"	6'-8" x 10'-3"	5'-0" x 7'-4"	1 ¼"	6 ½"
4000**	F	SSSO 48"	8'-0" x 6'-3"	9'-4" x 7'-0"	7'-8" x 5'-5"	1 ¼"	5"
4000**	F&R	SSSO 48"	8'-0" x 6'-9"	9'-4" x 7'-9"	7'-8" x 5'-5"	1 ¼"	5"
4000H	F	2SSO 48"	6'-0" x 8'-5"	7'-4" x 9'-2 ½"	5'-8" x 7'-5"	1 ¼"	6 ½"
4000H	F&R	2SSO 48"	6'-0" x 9'-½"	7'-4" x 10'-4"	5'-8" x 7'-5"	1 ¼"	6 ½"
4500H	F	2SSO 48"	6'-0" x 8'-9"	7'-6" x 9'-6 ½"	5'-8" x 7'-9"	1 ¼"	6 ½"
4500H	F&R	2SSO 48"	6'-0" x 9'-5 ½"	7'-6" x 10'-9"	5'-8" x 7'-10"	1 ¼"	6 ½"
5000H**	F	2SSO 48"	6'-0" x 9'-8"	7'-6" x 10'-7"	5'-8" x 8'-8"	1 ¼"	6 ½"
5000H**	F&R	2SSO 48"	6'-0" x 10'-4"	7'-6" x 11'-7"	5'-8" x 8'-8"	1 ¼"	6 ½"

OVERHEAD REQUIRED - QUICK CALCULATION

	SINGLE STAGE		TWO STAGE		THREE STAGE	
	100 FMP	125 FMP	100 FMP	125 FMP	100 FMP	125 FMP
Pit Depth	4' - 0"	4' - 0"	4' - 0"	4' - 0"	5' - 0"	5' - 0"
Overhead	12' - 8"	12' - 9"	13' - 6"	13' - 6"	13' - 6"	13' - 6"
Top Over Travel	4"	5"	9"	14"	9"	14"
Bottom Over Travel	6"	7"	6"	8"	6"	8"
Max. Travel	13' - 10"	13' - 7"	25' - 4"	23' - 9"	41' - 2"	39' - 2"
Max. Cab Height	8' - 7"	8' - 6"	8' - 0"	8' - 7"	9' - 0"	8' - 7"



*EDA Configurations
Add 8" to hoistway width,
or 12" to hoistway depth



Passenger & Service
Cars Available

APPROXIMATE CLEAR INSIDE DIMENSIONS OF CAB

Width = Platform width less than 4"

Depth = Front Open Only

- SSSO & CO Doors = Platform Depth Less 10"
- 2SSO Doors = Platform Depth less 11 ½"

Depth = Front & Rear Open

- SSSO & CO Doors = Platform Depth Less 16"
- 2SSO Doors = Platform Depth less 19"

D.B.G. (Distance Between Guides)

Platform Width plus 3 ¼" 12#

STANDARD SIZES

- Our standard cab height is 8'
- Our standard pit depth is 4'
- Contact AES for machine room requirements

**Nonstandard sizes. Contact your AES representative for accurate pricing.

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