



# ENGINEERING CONFIDENCE.

---

2015 ELEVATOR PRODUCT LINE

ThyssenKrupp Elevator Americas



ThyssenKrupp

# YOUR NEW ELEVATOR IS HERE.

04  
PAGE

## Low-Rise Buildings UP TO 4 STORIES

**endura MRL** and **endura** have an uncomplicated design for dependable, capable equipment that isn't over engineered. Hydraulics move heavy loads easily, so you are not limited to lightweight finish options and can easily meet traffic demands.



12  
PAGE

## Mid-Rise Buildings UP TO 20 STORIES

**synergy** offers both building supported and self-supported solutions allowing for greater flexibility in configuration, load capacity and speed. These machine room-less traction elevators provide optimum ride quality and regenerative drive technology.



18  
PAGE

## High-Rise Buildings THE SKY'S THE LIMIT

**momentum** is synonymous with unlimited potential. With no restrictions on travel height and speeds up to 2000 fpm this gearless solution is ideal for projects that truly want it all.



24  
PAGE

## Interior Design CAB INTERIORS AND SIGNAL FIXTURES

We make function look good. Our full line of signal fixtures is designed to enhance the appearance of your elevator installation.



## Featuring **TWIN**

**TWIN®** is a model example of technological efficiency and precision. Two elevator cabs travel independently — one above the other in the same hoistway. **TWIN** saves space, reduces passenger travel time and saves energy.

20  
PAGE



# enduraMRL

Low-Rise Machine Room-Less Elevator

## Engineering Simplified.

The new **endura MRL** combines the no-nonsense functionality of hydraulics and a truly machine room-less design — perfect for low-rise buildings. Now you really can maximize building space while keeping construction coordination and costs low. Fewer moving parts and the uncomplicated design provide dependable, capable equipment that isn't over engineered for buildings with just a few floors. And the cost to maintain the **endura MRL** is significantly lower than the cost of maintaining more complex low-rise MRL traction elevators.



## Life Cycle Costs are Simply Clear

We've done the homework so you can make an educated decision about purchasing the right low-rise elevator. Our Life Cycle Analysis (LCA) and Costing (LCC) research make the long-term cost and environmental impacts of low-rise elevators transparent. Each elevator listed below is a three-stop, 2,500 lb. capacity unit with the same interiors and settings. All costs reflect 25 years of elevator life.



### enduraMRL

INITIAL COST	BUILDING COST	MAINTENANCE COST	TOTAL COST
\$74,000	\$0	\$91,856	<b>\$165,856</b>



### Traction MRL

INITIAL COST	BUILDING COST <sup>1</sup>	MAINTENANCE COST	TOTAL COST
\$90,000	\$2,500	\$173,379	<b>\$265,879</b>



### MR Hydraulic

INITIAL COST	BUILDING COST <sup>2</sup>	MAINTENANCE COST	TOTAL COST
\$69,000	\$6,700	\$91,856	<b>\$167,556</b>

When it comes to energy we understand the importance of using less. Based on national averages and industry operating use standards, the annual energy consumption of a traction unit is approximately \$350 versus \$500 for a like hydraulic unit.

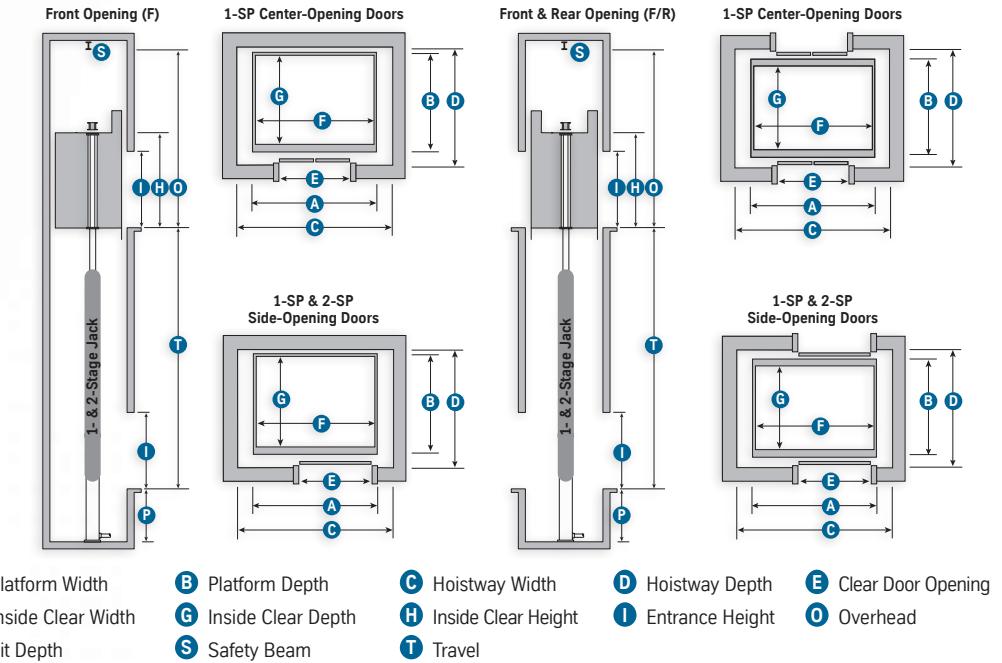
All above information is based on national averages and may not be reflective of your geographical location.

<sup>1</sup>Cost includes controller closet construction and electrical disconnect. <sup>2</sup>Cost includes machine room construction and electrical disconnect.



### Twinpost Above-Ground

- Jack Type: 1- & 2-Stage
- Travel: 12'-8" (1-Stage)<sup>1</sup>  
23'-2½" (2-Stage)<sup>1</sup>
- Speed: 80-150 fpm
- Capacity: 2100-5000 lbs



#### 1- & 2-Stage

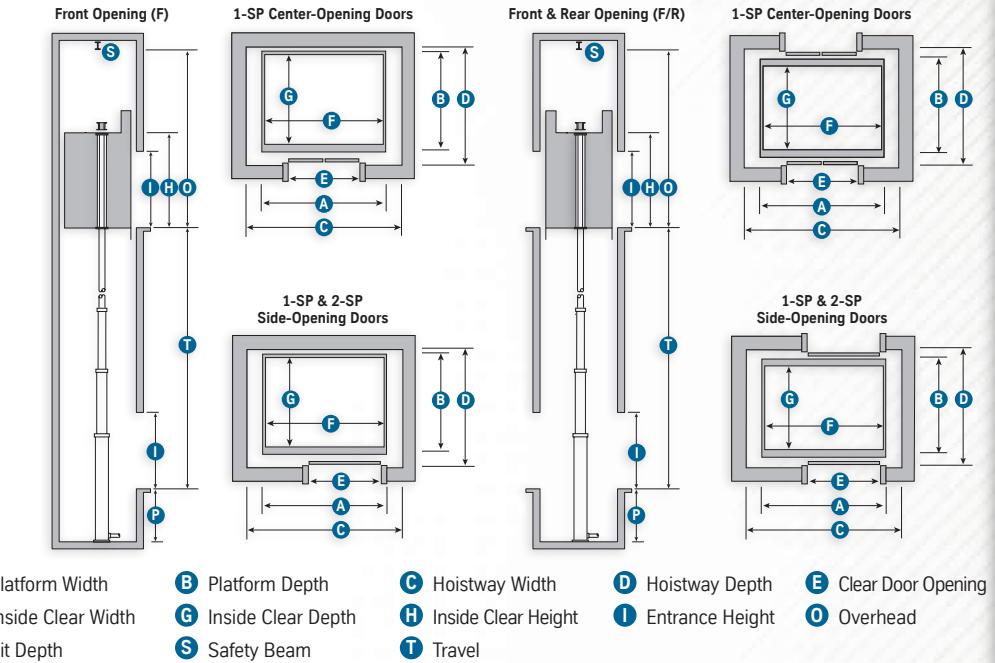
Cap (lbs)	Platform A x B	Hoistway C x D <sup>2</sup>	Front/Rear	Inside Clear F x G	Door Type	Door Width E
2100 <sup>3</sup>	6'-0" x 5'-1"	7'-4" x 5'-9"	F	5'-8" x 4'-3"	1-SP	3'-0"
2100 <sup>3</sup>	6'-0" x 5'-8½"	7'-4" x 6'-8¾"	F/R	5'-8" x 4'-3½"	1-SP	3'-0"
2500	7'-0" x 5'-1"	8'-4" x 5'-9"	F	6'-8" x 4'-3"	1-SP	3'-6"
2500	7'-0" x 5'-8½"	8'-4" x 6'-8¾"	F/R	6'-8" x 4'-3½"	1-SP	3'-6"
3000	7'-0" x 5'-7"	8'-4" x 6'-3"	F	6'-8" x 4'-9"	1-SP	3'-6"
3000	7'-0" x 6'-2¼"	8'-4" x 7'-2¾"	F/R	6'-8" x 4'-9½"	1-SP	3'-6"
3500 <sup>4</sup>	7'-0" x 6'-3"	8'-4" x 6'-11"	F	6'-8" x 5'-5"	1-SP	3'-6"
3500 <sup>4</sup>	7'-0" x 6'-10½"	8'-4" x 7'-10¾"	F/R	6'-8" x 5'-5½"	1-SP	3'-6"
4000 <sup>4</sup>	8'-0" x 6'-3"	9'-4" x 6'-11"	F	7'-8" x 5'-5"	1-SP	3'-6" / 4'-0"
4000 <sup>4</sup>	8'-0" x 6'-10½"	9'-4" x 7'-10¾"	F/R	7'-8" x 5'-5½"	1-SP	3'-6" / 4'-0"
4500 <sup>5</sup>	6'-0" x 8'-9"	7'-4" x 9'-6½"	F	5'-8" x 7'-9½"	2-SP	4'-0" / 4'-6"
4500 <sup>5</sup>	6'-0" x 9'-5¾"	7'-4" x 10'-9¼"	F/R	5'-8" x 7'-10"	2-SP	4'-0" / 4'-6"
5000 <sup>5</sup>	6'-0" x 9'-4½"	7'-4" x 10'-2"	F	5'-8" x 8'-5"	2-SP	4'-0" / 4'-6"
5000 <sup>5</sup>	6'-0" x 10'-1¼"	7'-4" x 11'-4¾"	F/R	5'-8" x 8'-5½"	2-SP	4'-0" / 4'-6"
5000H <sup>5</sup>	6'-0" x 9'-11½"	7'-4" x 10'-9"	F	5'-8" x 9'-0"	2-SP	4'-0" / 4'-6"
5000H <sup>5</sup>	6'-0" x 10'-8¼"	7'-4" x 11'-11¾"	F/R	5'-8" x 9'-0½"	2-SP	4'-0" / 4'-6"

Dimensional data shown above is for both seismic and non-seismic zones and complies with current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from the national codes. Consult your ThyssenKrupp Elevator representative for details.



### Twinpost Above-Ground

- Jack Type: 3-Stage
- Travel: 33'-6½"<sup>1</sup>
- Speed: 80-150 fpm
- Capacity: 2100-5000 lbs



#### 3-Stage

Cap (lbs)	Platform A x B	Hoistway C x D	Front/Rear	Inside Clear F x G	Door Type	Door Width E
2100 <sup>2</sup>	6'-0" x 5'-1"	7'-8" x 5'-9"	F	5'-8" x 4'-3"	1-SP	3'-0"
2100 <sup>2</sup>	6'-0" x 5'-8¼"	7'-8" x 6'-8¾"	F/R	5'-8" x 4'-3½"	1-SP	3'-0"
2500	7'-0" x 5'-1"	8'-8" x 5'-9"	F	6'-8" x 4'-3"	1-SP	3'-6"
2500	7'-0" x 5'-8½"	8'-8" x 6'-8¾"	F/R	6'-8" x 4'-3½"	1-SP	3'-6"
3000	7'-0" x 5'-7"	8'-4" x 6'-3"	F	6'-8" x 4'-9"	1-SP	3'-6"
3000	7'-0" x 6'-2¼"	8'-4" x 7'-2¾"	F/R	6'-8" x 4'-9½"	1-SP	3'-6"
3500 <sup>3</sup>	7'-0" x 6'-3"	8'-8" x 6'-11"	F	6'-8" x 5'-5"	1-SP	3'-6"
3500 <sup>3</sup>	7'-0" x 6'-10½"	8'-4" x 7'-10¾"	F/R	6'-8" x 5'-5½"	1-SP	3'-6"
4000 <sup>3</sup>	8'-0" x 6'-3"	9'-8" x 6'-11"	F	7'-8" x 5'-5"	1-SP	3'-6" / 4'-0"
4000 <sup>3</sup>	8'-0" x 6'-10½"	9'-8" x 7'-10¾"	F/R	7'-8" x 5'-5½"	1-SP	3'-6" / 4'-0"
4500 <sup>4</sup>	6'-0" x 8'-9"	7'-8" x 9'-6½"	F	5'-8" x 7'-9½"	2-SP	4'-0" / 4'-6"
4500 <sup>4</sup>	6'-0" x 9'-5¾"	7'-8" x 10'-9¼"	F/R	5'-8" x 7'-10"	2-SP	4'-0" / 4'-6"
5000 <sup>4</sup>	6'-0" x 9'-4½"	7'-4" x 10'-2"	F	5'-8" x 8'-5"	2-SP	4'-0" / 4'-6"
5000 <sup>4</sup>	6'-0" x 10'-1¼"	7'-4" x 11'-4¾"	F/R	5'-8" x 8'-5½"	2-SP	4'-0" / 4'-6"
5000H <sup>4</sup>	6'-0" x 9'-11½"	7'-8" x 10'-9"	F	5'-8" x 9'-0"	2-SP	4'-0" / 4'-6"
5000H <sup>4</sup>	6'-0" x 10'-8¼"	7'-8" x 11'-11¾"	F/R	5'-8" x 9'-0½"	2-SP	4'-0" / 4'-6"

Dimensional data shown above is for both seismic and non-seismic zones and complies with current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from the national codes. Consult your ThyssenKrupp Elevator representative for details.

- Pit Depth: 4'-0"
- Minimum Overhead: 12'-11"
- Additional Max Travel: 48'-3½"<sup>1</sup>
- Inside Clear Cab Height: 7'-4"⁵
- Safety Beam Required per OSHA 1926.502<sup>6</sup>

<sup>1</sup>A 5'-0" min. pit is required for addtl travel. Travel above 36'-6½" requires addtl pit and/or overhead by adding 1" for every 3' of additional travel. Max increase 2'-0" allowed in overhead. (For 4500 and 5000 lb capacities, max addtl travel could be reduced based on cab weights. Contact your local TKE office for details.)

<sup>2</sup>This capacity is not available with center-opening doors.

<sup>3</sup>To meet the requirements of IBC code for 84" stretchers, a 4'-0" center-opening (for 4000 lb capacity only) or 3'-6" side-opening (for 3500 lb or 4000 lb capacity) door is required.

<sup>4</sup>With optional 4'-6" two-speed side-opening door, hoistway width becomes 8'-2".

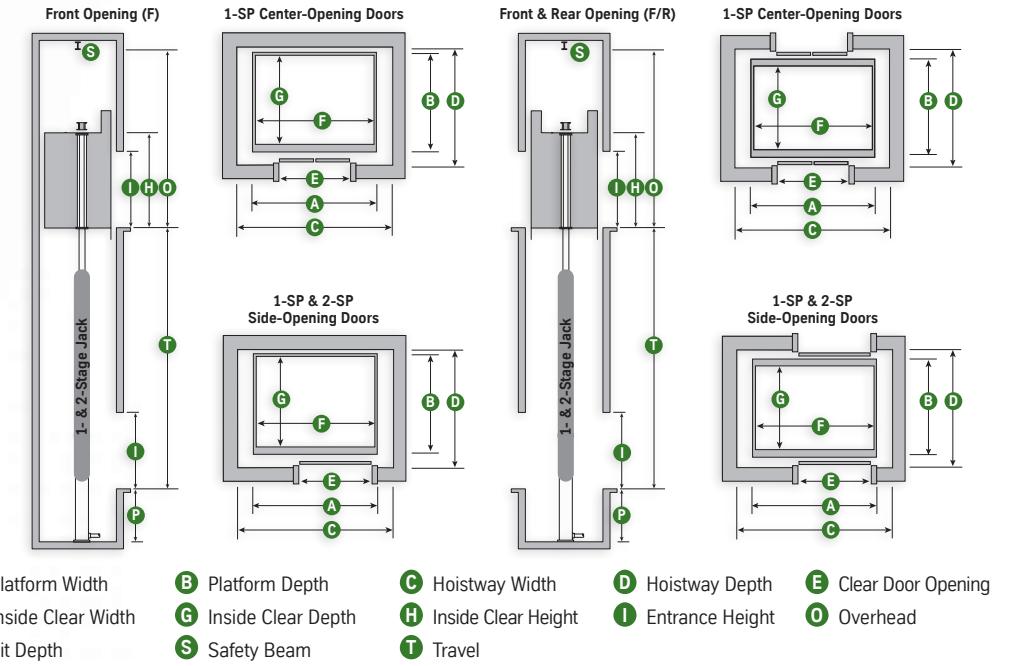
<sup>5</sup>Dimension shown is based on suspended ceiling design. An increase in cab height will result in an increase in overhead requirements.

<sup>6</sup>Provided and installed by others, as directed by the local TKE office. Clear overhead is shown to the bottom of the safety beam.



## Twinpost Above-Ground

- Jack Type: 1- & 2-Stage
- Travel: 12'-8" (1-Stage)<sup>1</sup>  
23'-2½" (2-Stage)<sup>1</sup>
- Speed: 80-150 fpm
- Capacity: 2100-5000 lbs



### 1- & 2-Stage

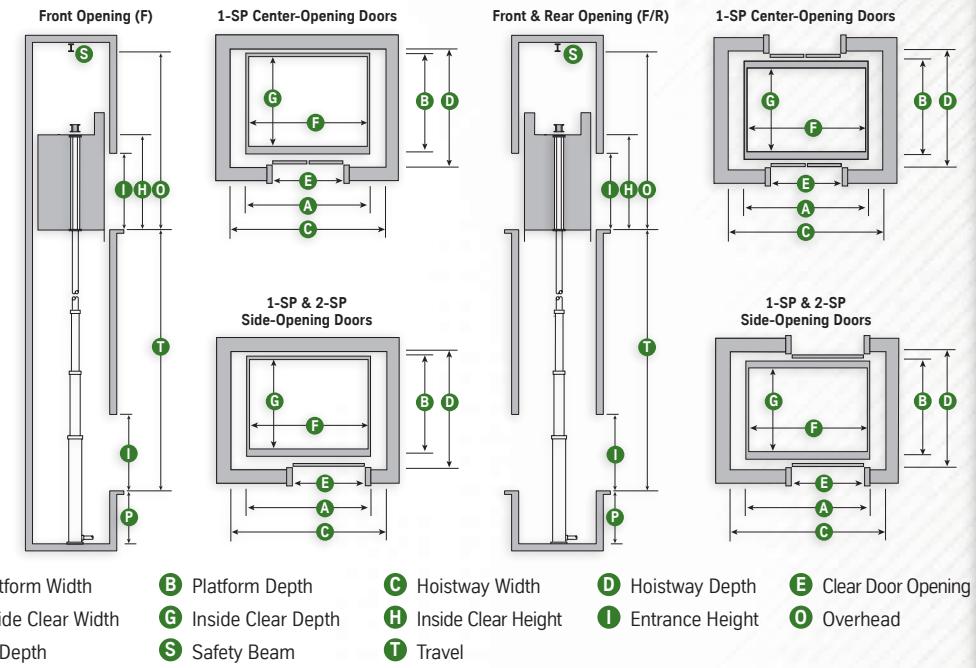
Cap (lbs)	Platform A x B	Hoistway <sup>2</sup> C x D	Front/Rear	Inside Clear F x G	Door Type	Door Width E
2100 <sup>3</sup>	6'-0" x 5'-1"	7'-4" x 5'-9"	F	5'-8" x 4'-3"	1-SP	3'-0"
2100 <sup>3</sup>	6'-0" x 5'-8½"	7'-4" x 6'-8¾"	F/R	5'-8" x 4'-3½"	1-SP	3'-0"
2500	7'-0" x 5'-1"	8'-4" x 5'-9"	F	6'-8" x 4'-3"	1-SP	3'-6"
2500	7'-0" x 5'-8½"	8'-4" x 6'-8¾"	F/R	6'-8" x 4'-3½"	1-SP	3'-6"
3000	7'-0" x 5'-7"	8'-4" x 6'-3"	F	6'-8" x 4'-9"	1-SP	3'-6"
3000	7'-0" x 6'-2¼"	8'-4" x 7'-2¾"	F/R	6'-8" x 4'-9½"	1-SP	3'-6"
3500 <sup>4</sup>	7'-0" x 6'-3"	8'-4" x 6'-11"	F	6'-8" x 5'-5"	1-SP	3'-6"
3500 <sup>4</sup>	7'-0" x 6'-10½"	8'-4" x 7'-10¾"	F/R	6'-8" x 5'-5½"	1-SP	3'-6"
4000 <sup>4</sup>	8'-0" x 6'-3"	9'-4" x 6'-11"	F	7'-8" x 5'-5"	1-SP	3'-6" / 4'-0"
4000 <sup>4</sup>	8'-0" x 6'-10½"	9'-4" x 7'-10¾"	F/R	7'-8" x 5'-5½"	1-SP	3'-6" / 4'-0"
4500 <sup>5</sup>	6'-0" x 8'-9"	7'-4" x 9'-6½"	F	5'-8" x 7'-9½"	2-SP	4'-0" / 4'-6"
4500 <sup>5</sup>	6'-0" x 9'-5¾"	7'-4" x 10'-9¼"	F/R	5'-8" x 7'-10"	2-SP	4'-0" / 4'-6"
5000 <sup>5</sup>	6'-0" x 9'-4½"	7'-4" x 10'-2"	F	5'-8" x 8'-5"	2-SP	4'-0" / 4'-6"
5000 <sup>5</sup>	6'-0" x 10'-1¼"	7'-4" x 11'-4¾"	F/R	5'-8" x 8'-5½"	2-SP	4'-0" / 4'-6"
5000H <sup>5</sup>	6'-0" x 9'-11½"	7'-4" x 10'-9"	F	5'-8" x 9'-0"	2-SP	4'-0" / 4'-6"
5000H <sup>5</sup>	6'-0" x 10'-8¼"	7'-4" x 11'-11¾"	F/R	5'-8" x 9'-0½"	2-SP	4'-0" / 4'-6"

Dimensional data shown above is for both seismic and non-seismic zones and complies with current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from the national codes. Consult your ThyssenKrupp Elevator representative for details.



## Twinpost Above-Ground

- Jack Type: 3-Stage
- Travel: 33'-6½"<sup>1</sup>
- Speed: 80-150 fpm
- Capacity: 2100-5000 lbs



### 3-Stage

Cap (lbs)	Platform A x B	Hoistway C x D	Front/Rear	Inside Clear F x G	Door Type	Door Width E
2100 <sup>2</sup>	6'-0" x 5'-1"	7'-8" x 5'-9"	F	5'-8" x 4'-3"	1-SP	3'-0"
2100 <sup>2</sup>	6'-0" x 5'-8½"	7'-8" x 6'-8¾"	F/R	5'-8" x 4'-3½"	1-SP	3'-0"
2500	7'-0" x 5'-1"	8'-8" x 5'-9"	F	6'-8" x 4'-3"	1-SP	3'-6"
2500	7'-0" x 5'-8½"	8'-8" x 6'-8¾"	F/R	6'-8" x 4'-3½"	1-SP	3'-6"
3000	7'-0" x 5'-7"	8'-8" x 6'-3"	F	6'-8" x 4'-9"	1-SP	3'-6"
3000	7'-0" x 6'-2¼"	8'-8" x 7'-2¾"	F/R	6'-8" x 4'-9½"	1-SP	3'-6"
3500 <sup>3</sup>	7'-0" x 6'-3"	8'-8" x 6'-11"	F	6'-8" x 5'-5"	1-SP	3'-6"
3500 <sup>3</sup>	7'-0" x 6'-10½"	8'-8" x 7'-10¾"	F/R	6'-8" x 5'-5½"	1-SP	3'-6"
4000 <sup>3</sup>	8'-0" x 6'-3"	9'-8" x 6'-11"	F	7'-8" x 5'-5"	1-SP	3'-6" / 4'-0"
4000 <sup>3</sup>	8'-0" x 6'-10½"	9'-8" x 7'-10¾"	F/R	7'-8" x 5'-5½"	1-SP	3'-6" / 4'-0"
4500 <sup>4</sup>	6'-0" x 8'-9"	7'-8" x 9'-6½"	F	5'-8" x 7'-9½"	2-SP	4'-0" / 4'-6"
4500 <sup>4</sup>	6'-0" x 9'-5¾"	7'-8" x 10'-9¼"	F/R	5'-8" x 7'-10"	2-SP	4'-0" / 4'-6"
5000 <sup>4</sup>	6'-0" x 9'-4½"	7'-4" x 10'-2"	F	5'-8" x 8'-5"	2-SP	4'-0" / 4'-6"
5000 <sup>4</sup>	6'-0" x 10'-1¼"	7'-4" x 11'-4¾"	F/R	5'-8" x 8'-5½"	2-SP	4'-0" / 4'-6"
5000H <sup>4</sup>	6'-0" x 9'-11½"	7'-8" x 10'-9"	F	5'-8" x 9'-0"	2-SP	4'-0" / 4'-6"
5000H <sup>4</sup>	6'-0" x 10'-8¼"	7'-8" x 11'-11¾"	F/R	5'-8" x 9'-0½"	2-SP	4'-0" / 4'-6"

Dimensional data shown above is for both seismic and non-seismic zones and complies with current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from the national codes. Consult your ThyssenKrupp Elevator representative for details.

- Pit Depth: 4'-0"
- Minimum Overhead: 12'-11"
- Additional Max Travel: 48'-3½"<sup>1</sup>
- Inside Clear Cab Height: 7'-4"⁵
- Safety Beam Required per OSHA 1926.502<sup>6</sup>

<sup>1</sup> Additional travel in note T (above) is obtained by adding 1" of overhead/pit for every 3" of net travel over the standard. Max 2'-0" allowed in overhead. (For 4500 and 5000 lb capacities, max add'l travel could be reduced based on cab weights. Contact your local TKE office for details.)

<sup>2</sup>This capacity is not available with center-opening doors.

<sup>3</sup>To meet the requirements of IBC code for 84" stretchers, a 4'-0" center-opening (for 4000 lb capacity only) or 3'-6" side-opening (for 3500 lb or 4000 lb capacity) door is required.

<sup>4</sup>With optional 4'-6" two-speed side-opening door, hoistway width becomes 8'-2".

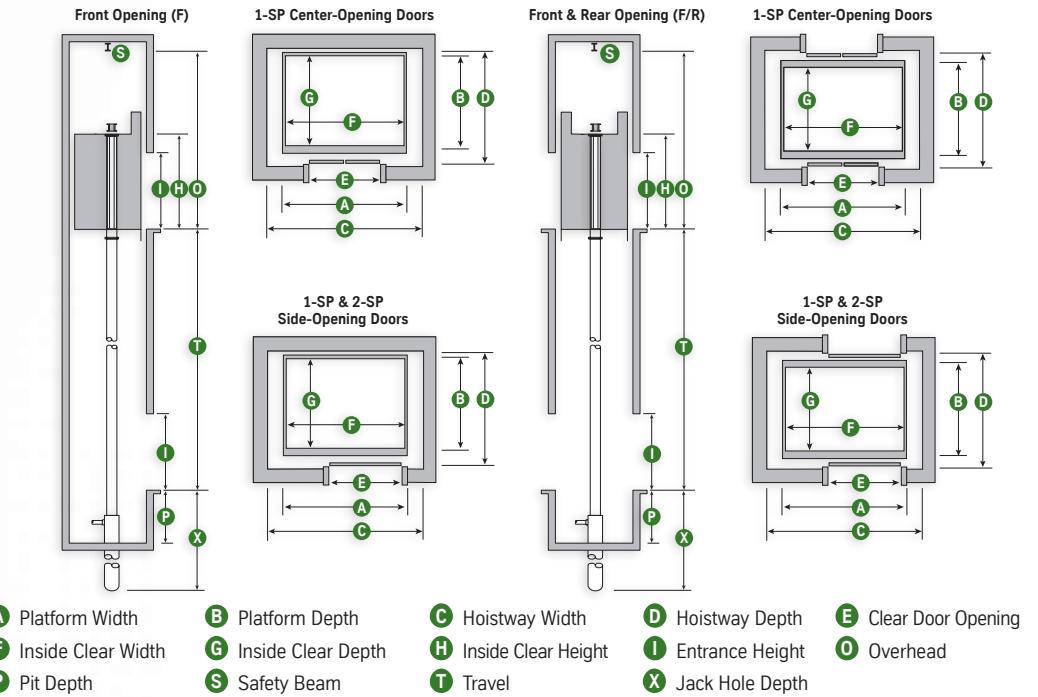
<sup>5</sup>Dimension shown is based on suspended ceiling design. An increase in cab height will result in an increase in overhead requirements.

<sup>6</sup>Provided and installed by others, as directed by the local TKE office. Clear overhead is shown to the bottom of the safety beam.



## Below-Ground

- Jack Type: Conventional
- Travel: 60'-0"
- Speed: 80-200 fpm
- Capacity: 2100-5000 lbs



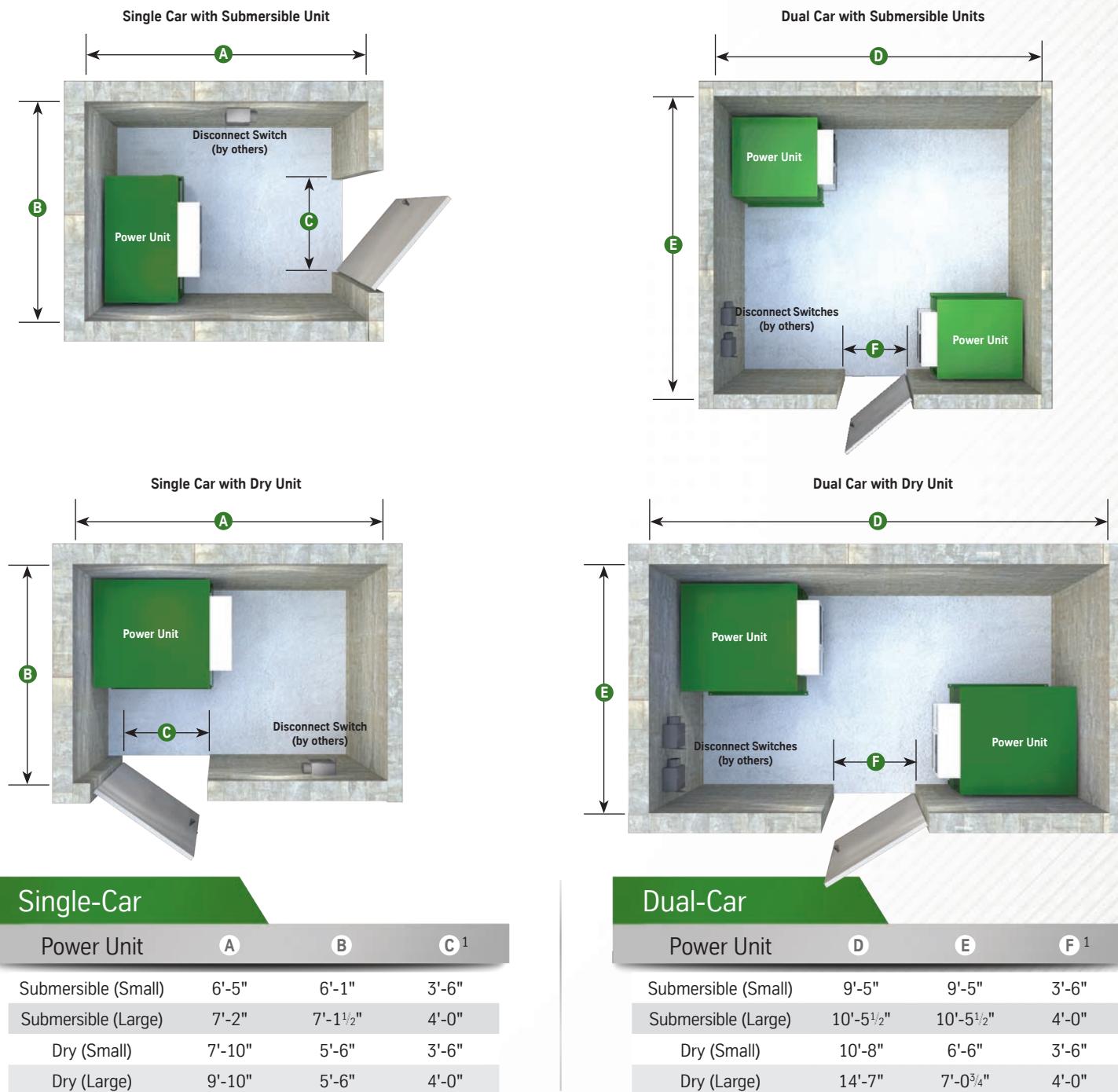
### Conventional

Cap (lbs)	Platform A x B	Hoistway <sup>1</sup> C x D	Front/Rear	Inside Clear F x G	Door Type	Door Width E
2100 <sup>2</sup>	6'-0" x 5'-1"	7'-4" x 5'-9"	F	5'-8" x 4'-3"	1-SP	3'-0"
2100 <sup>2</sup>	6'-0" x 5'-8 <sup>1/4</sup> "	7'-4" x 6'-8 <sup>3/4</sup> "	F/R	5'-8" x 4'-3 <sup>1/2</sup> "	1-SP	3'-0"
2500	7'-0" x 5'-1"	8'-4" x 5'-9"	F	6'-8" x 4'-3"	1-SP	3'-6"
2500	7'-0" x 5'-8 <sup>1/4</sup> "	8'-4" x 6'-8 <sup>3/4</sup> "	F/R	6'-8" x 4'-3 <sup>1/2</sup> "	1-SP	3'-6"
3000	7'-0" x 5'-7"	8'-4" x 6'-3"	F	6'-8" x 4'-9"	1-SP	3'-6"
3000	7'-0" x 6'-2 <sup>1/4</sup> "	8'-4" x 7'-2 <sup>3/4</sup> "	F/R	6'-8" x 4'-9 <sup>1/2</sup> "	1-SP	3'-6"
3500 <sup>3</sup>	7'-0" x 6'-3"	8'-4" x 6'-11"	F	6'-8" x 5'-5"	1-SP	3'-6"
3500 <sup>3</sup>	7'-0" x 6'-10 <sup>1/4</sup> "	8'-4" x 7'-10 <sup>3/4</sup> "	F/R	6'-8" x 5'-5 <sup>1/2</sup> "	1-SP	3'-6"
4000 <sup>3</sup>	8'-0" x 6'-3"	9'-4" x 6'-11"	F	7'-8" x 5'-5"	1-SP	3'-6" / 4'-0"
4000 <sup>3</sup>	8'-0" x 6'-10 <sup>1/4</sup> "	9'-4" x 7'-10 <sup>3/4</sup> "	F/R	7'-8" x 5'-5 <sup>1/2</sup> "	1-SP	3'-6" / 4'-0"
4500 <sup>4</sup>	6'-0" x 8'-9"	7'-4" x 9'-6 <sup>1/2</sup> "	F	5'-8" x 7'-9 <sup>1/2</sup> "	2-SP	4'-0" / 4'-6"
4500 <sup>4</sup>	6'-0" x 9'-5 <sup>3/4</sup> "	7'-4" x 10'-9 <sup>1/4</sup> "	F/R	5'-8" x 7'-10"	2-SP	4'-0" / 4'-6"
5000 <sup>4</sup>	6'-0" x 9'-4 <sup>1/2</sup> "	7'-4" x 10'-2"	F	5'-8" x 8'-5"	2-SP	4'-0" / 4'-6"
5000 <sup>4</sup>	6'-0" x 10'-1 <sup>1/4</sup> "	7'-4" x 11'-4 <sup>3/4</sup> "	F/R	5'-8" x 8'-5 <sup>1/2</sup> "	2-SP	4'-0" / 4'-6"
5000H <sup>4</sup>	6'-0" x 9'-11 <sup>1/2</sup> "	7'-4" x 10'-9"	F	5'-8" x 9'-0"	2-SP	4'-0" / 4'-6"
5000H <sup>4</sup>	6'-0" x 10'-8 <sup>1/4</sup> "	7'-4" x 11'-11 <sup>3/4</sup> "	F/R	5'-8" x 9'-0 <sup>1/2</sup> "	2-SP	4'-0" / 4'-6"

Dimensional data shown above is for both seismic and non-seismic zones and complies with current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from the national codes. Consult your ThyssenKrupp Elevator representative for details.

## Machine Room Requirements

- Your **endura** system determines the machine room you'll need
- The most desirable machine room location is on the lowest floor served, adjacent to the elevator hoistway (may be remote from hoistway if needed)
- Contact your local representative to help determine your needs

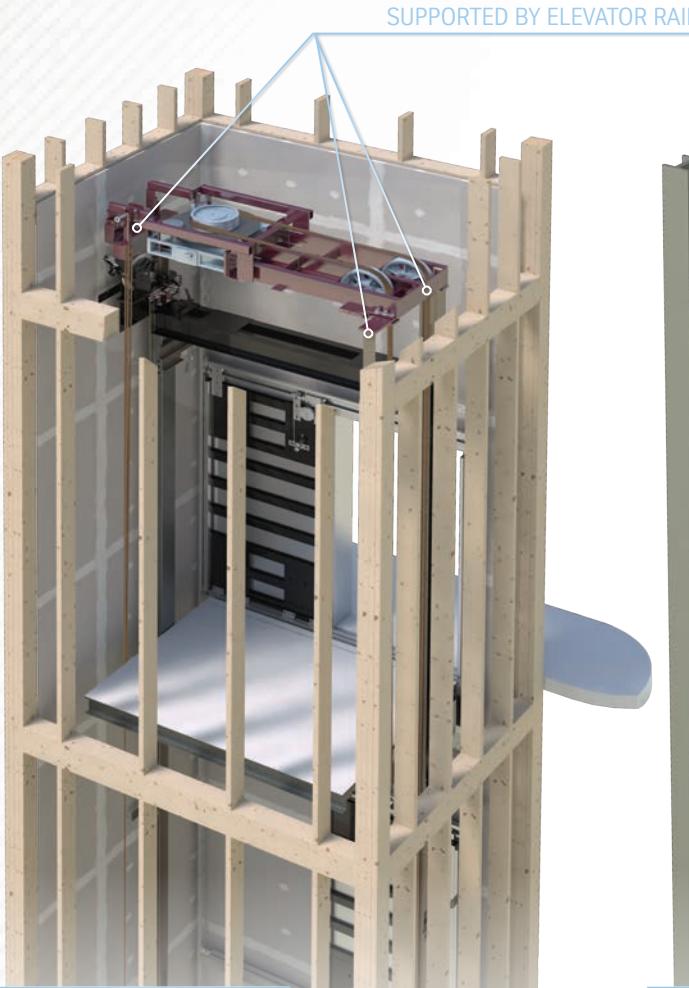


<sup>1</sup> Clear opening.

<sup>2</sup> AP1 units pump up to 215 gallons per minute. AP2 units pump from 216 gallons to 350 gallons per minute.

## Which is Right for You?

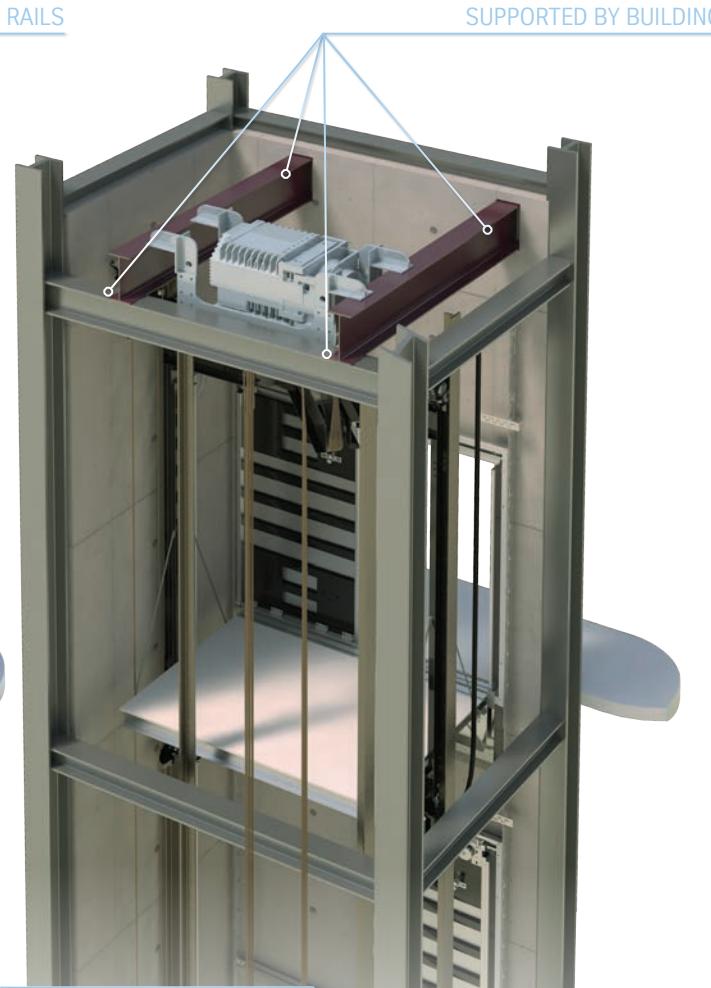
Our **synergy** elevators come in two different configurations: self-supported and building-supported. Read below to learn about each and discover which is right for your building.



### Self-Supported

This configuration is engineered to allow the loads imposed by the elevator system to be transferred from the machine at the top of the hoistway, down the guide rails, to the pit below. This approach makes the self-supported application ideal for:

- Wood or similar construction not intended to carry the loads of an elevator system
- Buildings with total floor travel up to 85'-0"
- Elevators capacity up to 3500 lbs
- Elevator speeds up to 500 fpm
- Premium cab finishes and flooring



### Building-Supported

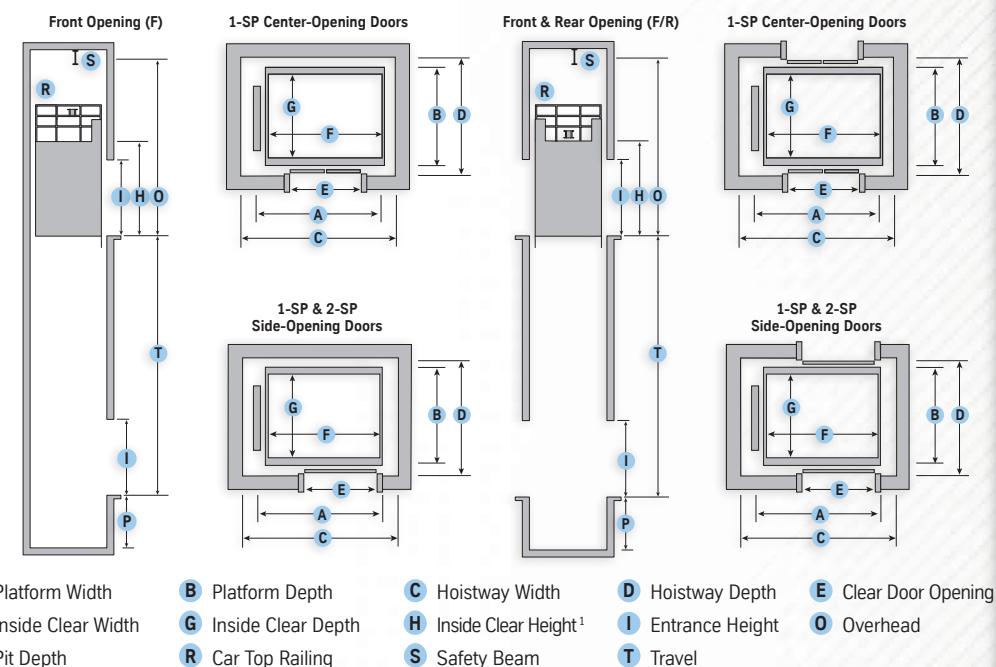
This configuration requires structural support by the building. As a result, this elevator is able to achieve faster speeds and higher capacities, making the building-supported application ideal for:

- Steel, concrete or other construction methods capable of carrying the loads of an elevator system
- Buildings with total floor travel up to 300'-0"
- Elevator capacity up to 5000 lbs
- Elevator speeds up to 500 fpm
- Premium cab finishes and flooring



## Self-Supported

- Travel: up to 85'-0"
- Capacity: 2100-3500 lbs
- Speed: 150 fpm
- Cab Design: Standard



### Self-Supported

Cap (lbs)	Platform A x B	Hoistway C x D <sup>2</sup>	Front/ Rear	Inside Clear F x G	Door Type	Door Width E	Min OH <sup>7</sup> O
2100 <sup>3</sup>	6'-0" x 5'-1"	7'-4" x 5'-9" <sup>5</sup>	F	5'-8" x 4'-3"	1-SP	3'-0"	13'-0"
2100 <sup>3</sup>	N/A	N/A	F/R	N/A	N/A	N/A	N/A
2500	7'-0" x 5'-1"	8'-4" x 5'-9" <sup>5</sup>	F	6'-8" x 4'-3"	1-SP	3'-6"	13'-0"
2500	7'-0" x 5'-8 <sup>1/4</sup> "	8'-4" x 6'-8 <sup>3/4</sup> " <sup>6</sup>	F/R	6'-8" x 4'-3 <sup>1/2</sup> "	1-SP	3'-6"	13'-0"
3000	7'-0" x 5'-7"	8'-4" x 6'-3" <sup>6</sup>	F	6'-8" x 4'-9"	1-SP	3'-6"	13'-4"
3000	7'-0" x 6'-2 <sup>1/4</sup> "	8'-4" x 7'-2 <sup>3/4</sup> " <sup>6</sup>	F/R	6'-8" x 4'-9 <sup>1/2</sup> "	1-SP	3'-6"	13'-4"
3500 <sup>4</sup>	7'-0" x 6'-3"	8'-4" x 6'-11" <sup>6</sup>	F	6'-8" x 5'-5"	1-SP	3'-6"	13'-4"
3500 <sup>4</sup>	7'-0" x 6'-10 <sup>1/4</sup> "	8'-4" x 7'-10 <sup>3/4</sup> " <sup>6</sup>	F/R	6'-8" x 5'-5 <sup>1/2</sup> "	1-SP	3'-6"	13'-4"

Dimensional data shown above is for non-seismic zones and complies with current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from the national codes. Consult your ThyssenKrupp Elevator representative for details.

- P Pit Depth: 5'-0"  
H Inside Clear Cab Height: 7'-2<sup>3/4</sup>"<sup>1</sup>  
S Safety Beam Required per OSHA 1926.502<sup>8</sup>

<sup>1</sup> Inside clear cab heights of 8'-2<sup>3/4</sup>" and 9'-2<sup>3/4</sup>" also available. Dimension shown is based on suspended ceiling design. An increase in cab height will result in an increase in overhead requirements.

<sup>2</sup> Pocket required for pit ladder with standard hoistway sizes.

<sup>3</sup> This capacity is not available with center-opening doors.

<sup>4</sup> To meet the requirements of IBC code for 84" stretchers, a 3'-6" side-opening door is required.

<sup>5</sup> For Seismic Zones 2 or greater, add 4" to hoistway width and 1" to hoistway depth.

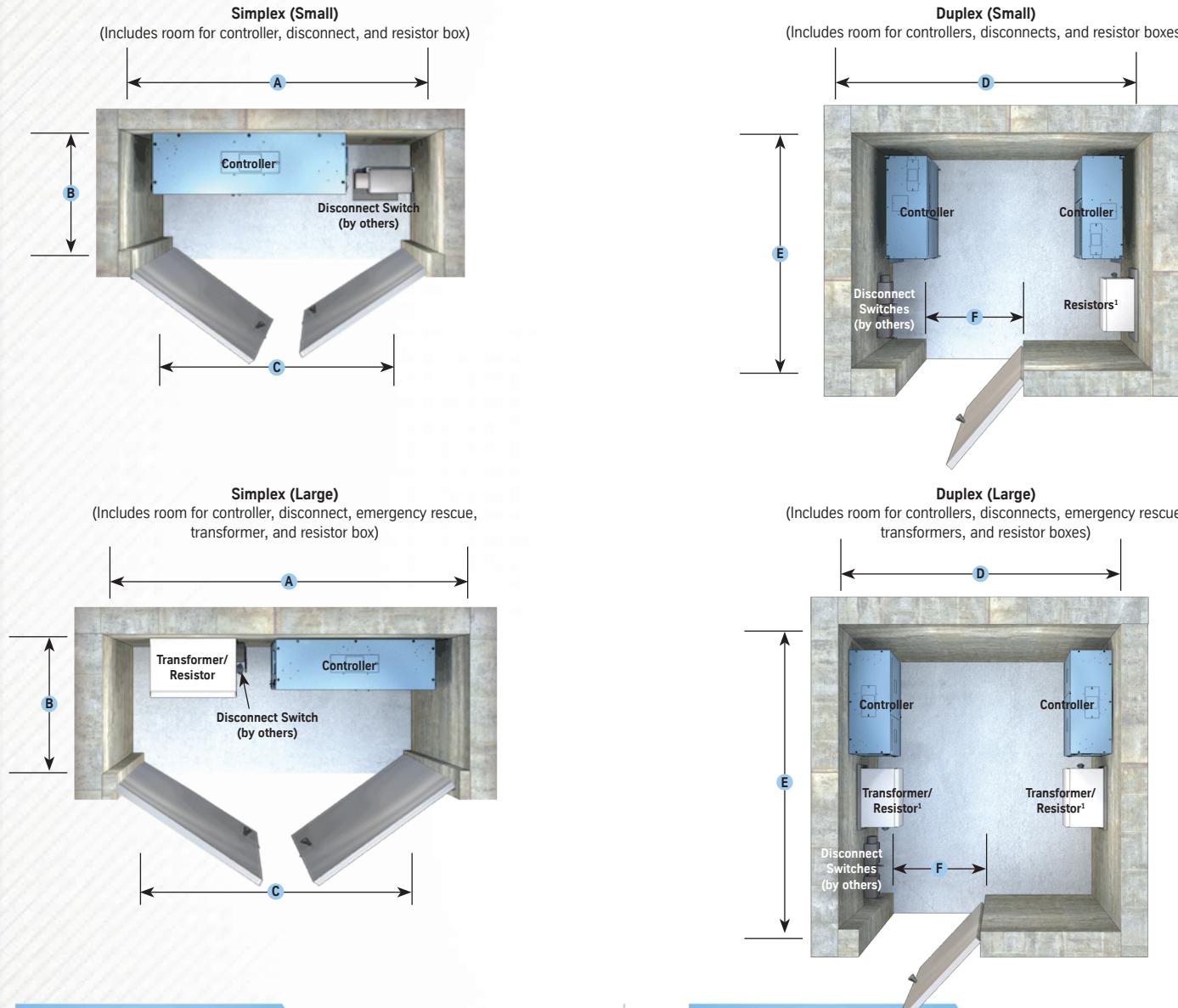
<sup>6</sup> For Seismic Zones 2 or greater, add 4" to hoistway width.

<sup>7</sup> Overhead requirements increase by 2" with groups of two or more cars and/or seismic conditions. For areas enforcing pre-2008 ASME A17.1 Safety Code for Elevators, contact your local representative for overhead requirements.

<sup>8</sup> Provided and installed by others, as directed by the local TKE office. Clear overhead is shown to the bottom of the safety beam.

## Self-Supported Controller Closets

- The features of your **synergy** system determine the controller closet you'll need
- The most desirable controller closet location is on the top floor served, adjacent to the elevator hoistway (but may be located up to 150'-0" from motor)
- Contact your local representative to help determine your needs



### Simplex<sup>2</sup>

Size	A	B	C
Small	4'-4"	1'-8"	4'-0"
Large	6'-6"	2'-6"	6'-0"

Dimensional data shown above is for both seismic and non-seismic zones and complies with current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from the national codes. Consult your ThyssenKrupp Elevator representative for details.

<sup>1</sup> Devices are stacked in duplex configurations.

### Duplex<sup>2,3</sup>

Size	D	E	F
Small	7'-0"	5'-6"	3'-0"
Large	7'-0"	7'-8"	3'-0"

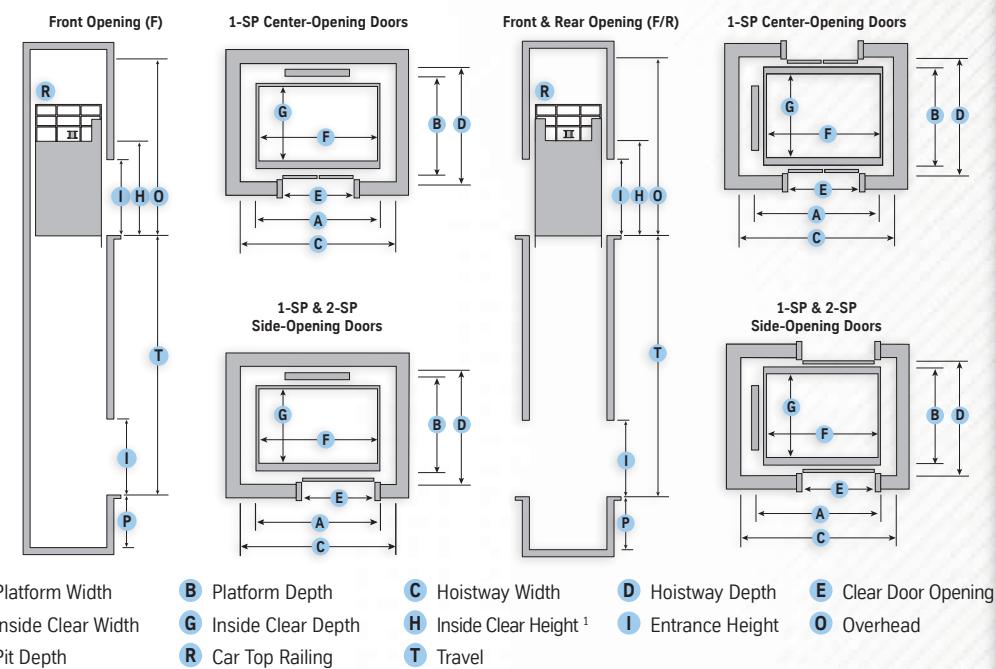
<sup>2</sup> Controller closet temperature range 32°F minimum, 104°F maximum. 10-95% non-condensing relative humidity.

<sup>3</sup> May also use two separate closets.



## Building-Supported

- Travel: up to 300'-0"
- Speed: 200, 350 fpm
- Capacity: 2500-4000 lbs
- Cab Design: Standard or Premium



### Standard Series

Cap (lbs)	Platform A B	Hoistway C D	Front/ Rear	Inside Clear F G	Door Type	Door Width E
2500	7'-0" x 5'-1"	8'-4" x 6'-8" <sup>4</sup>	F	6'-8" x 4'-3"	1-SP	3'-6"
2500	7'-0" x 5'-8 <sup>1/4</sup> "	9'-2" x 6'-8 <sup>3/4</sup> " <sup>5</sup>	F/R	6'-8" x 4'-3 <sup>1/2</sup> "	1-SP	3'-6"
3000	7'-0" x 5'-7"	8'-4" x 7'-2" <sup>4</sup>	F	6'-8" x 4'-9"	1-SP	3'-6"
3000	7'-0" x 6'-2 <sup>1/4</sup> "	9'-2" x 7'-2 <sup>3/4</sup> " <sup>5</sup>	F/R	6'-8" x 4'-9 <sup>1/2</sup> "	1-SP	3'-6"
3500 <sup>2</sup>	7'-0" x 6'-3"	8'-4" x 7'-10" <sup>4</sup>	F	6'-8" x 5'-5"	1-SP	3'-6"
3500 <sup>2</sup>	7'-0" x 6'-10 <sup>1/4</sup> "	9'-2" x 7'-10 <sup>3/4</sup> " <sup>5</sup>	F/R	6'-8" x 5'-5 <sup>1/2</sup> "	1-SP	3'-6"
4000 <sup>2,3</sup>	8'-0" x 6'-3"	9'-4" x 7'-10" <sup>4</sup>	F	7'-8" x 5'-5"	1-SP	3'-6" / 4'-0"
4000 <sup>2,3</sup>	8'-0" x 6'-10 <sup>1/4</sup> "	10'-2" x 7'-10 <sup>3/4</sup> " <sup>5</sup>	F/R	7'-8" x 5'-5 <sup>1/2</sup> "	1-SP	3'-6" / 4'-0"

**P** Pit Depth:  
 - 200 fpm: 5'-0"  
 - 350 fpm: 5'-5"

**O** Minimum Overhead:  
 - 200 fpm: 14'-9"  
 - 350 fpm: 15'-5"

**H** Inside Clear Cab Height: 7'-2<sup>3/4</sup>"<sup>1</sup>

<sup>1</sup> Inside clear cab heights up to 9'-2<sup>3/4</sup>" available in 1" increments. Dimension shown is based on suspended ceiling design. An increase in cab height will result in an increase in overhead requirements.

<sup>2</sup> To meet the requirements of IBC code for 84" stretchers, a 4'-0" center-opening (for 3500 lb capacity) or 3'-6" side-opening (for 4000 lb capacity) door is required.

<sup>3</sup> 200 fpm unavailable for 4000 lb capacity.

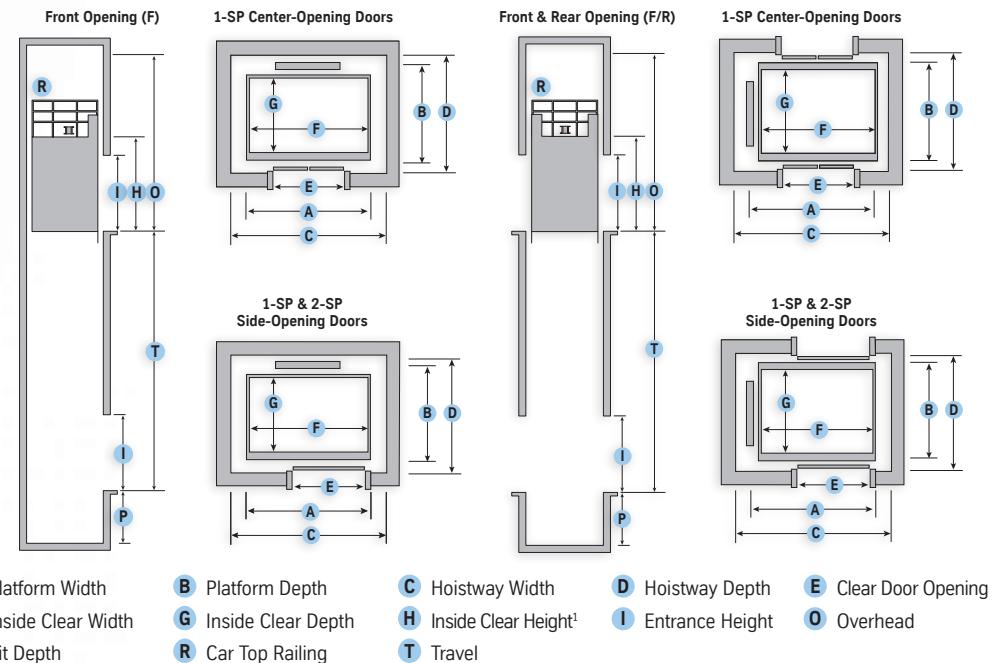
<sup>4</sup> For Seismic Zones 2 or greater, add 2" to hoistway width.

<sup>5</sup> For Seismic Zones 2 or greater, add 4" to hoistway width.



## Building-Supported

- Travel: up to 300'-0"
- Speed: 200, 350, 500 fpm
- Capacity: 2100-5000 lbs
- Cab Design: Standard, Premium, or Custom



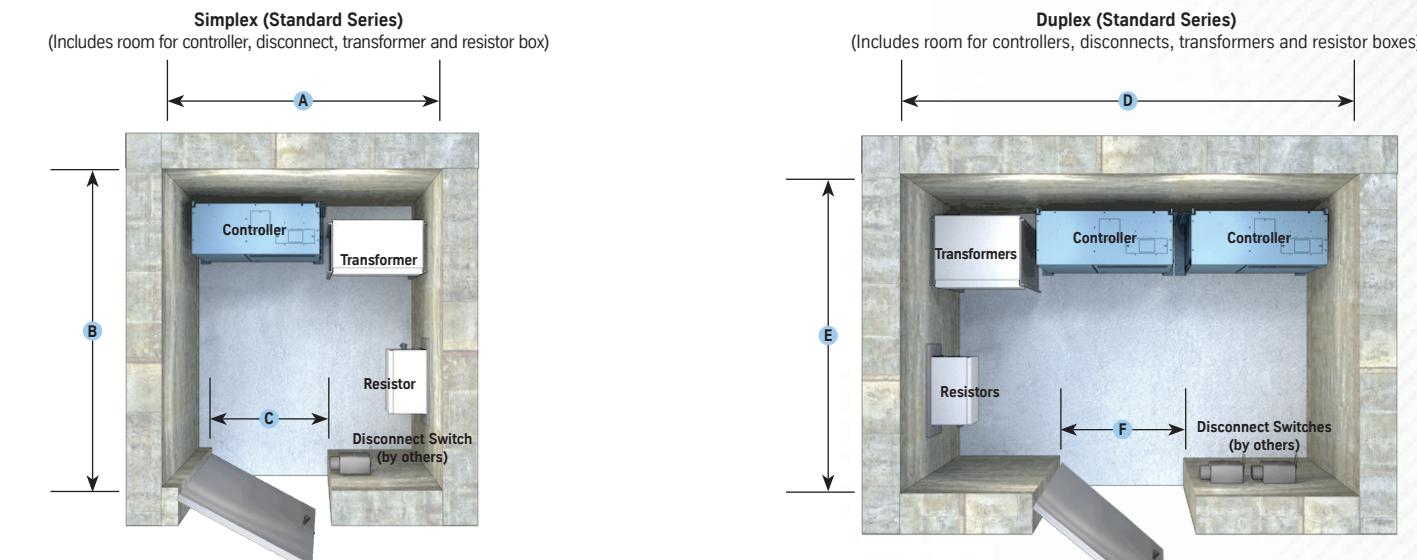
### Performance Series

Cap (lbs)	Platform A x B	Hoistway C x D	Front/Rear	Inside Clear F x G	Door Type	Door Width E
2100 <sup>2</sup>	6'-0" x 5'-1"	7'-4" x 6'-8" <sup>5</sup>	F	5'-8" x 4'-3"	1-SP	3'-0"
2100	N/A	N/A	F/R	N/A	N/A	N/A
2500	7'-0" x 5'-1"	8'-4" x 6'-8" <sup>5</sup>	F	6'-8" x 4'-3"	1-SP	3'-6"
2500	7'-0" x 5'-8 <sup>1/4</sup> "	9'-2" x 6'-8 <sup>3/4</sup> " <sup>6</sup>	F/R	6'-8" x 4'-3 <sup>1/2</sup> "	1-SP	3'-6"
3000	7'-0" x 5'-7"	8'-4" x 7'-2" <sup>5</sup>	F	6'-8" x 4'-9"	1-SP	3'-6"
3000	7'-0" x 6'-2 <sup>1/4</sup> "	9'-2" x 7'-2 <sup>3/4</sup> " <sup>6</sup>	F/R	6'-8" x 4'-9 <sup>1/2</sup> "	1-SP	3'-6"
3500 <sup>3</sup>	7'-0" x 6'-3"	8'-4" x 7'-10" <sup>5</sup>	F	6'-8" x 5'-5"	1-SP	3'-6"
3500 <sup>3</sup>	7'-0" x 6'-10 <sup>1/4</sup> "	9'-2" x 7'-10 <sup>3/4</sup> " <sup>6</sup>	F/R	6'-8" x 5'-5 <sup>1/2</sup> "	1-SP	3'-6"
4000 <sup>3</sup>	8'-0" x 6'-3"	9'-4" x 7'-10" <sup>5</sup>	F	7'-8" x 5'-5"	1-SP	3'-6" / 4'-0"
4000 <sup>3</sup>	N/A	N/A	F/R	N/A	N/A	N/A
4500 <sup>4</sup>	6'-0" x 8'-9"	8'-2" x 9'-8" <sup>6</sup>	F	5'-8" x 7'-9 <sup>1/2</sup> "	2-SP	4'-0" / 4'-6"
4500 <sup>4</sup>	6'-0" x 9'-5 <sup>3/4</sup> "	8'-2" x 10'-9 <sup>1/4</sup> " <sup>6</sup>	F/R	5'-8" x 7'-10"	2-SP	4'-0" / 4'-6"
5000 <sup>4</sup>	6'-0" x 9'-4 <sup>1/2</sup> "	8'-2" x 10'-2" <sup>6</sup>	F	5'-8" x 8'-5"	2-SP	4'-0" / 4'-6"
5000 <sup>4</sup>	6'-0" x 10'-1 <sup>1/4</sup> "	8'-2" x 11'-4 <sup>3/4</sup> " <sup>6</sup>	F/R	5'-8" x 8'-5 <sup>1/2</sup> "	2-SP	4'-0" / 4'-6"
5000H <sup>4</sup>	6'-0" x 9'-11 <sup>1/2</sup> "	8'-2" x 10'-9" <sup>6</sup>	F	5'-8" x 9'-0"	2-SP	4'-0" / 4'-6"
5000H <sup>4</sup>	6'-0" x 10'-8 <sup>1/4</sup> "	8'-2" x 11'-11 <sup>3/4</sup> " <sup>6</sup>	F/R	5'-8" x 9'-0 <sup>1/2</sup> "	2-SP	4'-0" / 4'-6"

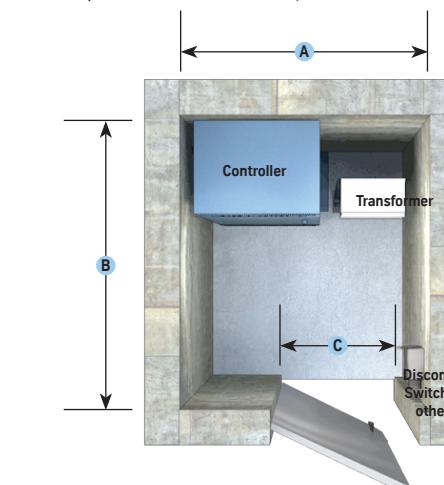
Dimensional data shown above is for non-seismic zones and complies with current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from the national codes. Consult your ThyssenKrupp Elevator representative for details.

## Building-Supported Controller Closets

- The type of your **synergy** system determine the controller closet you'll need
- The most desirable controller closet location is on the top floor served, adjacent to the elevator hoistway (but may be located up to 150'-0" from motor)
- Contact your local representative to help determine your needs



**Simplex (Performance Series)**  
 (Includes room for controller, disconnect and transformer)

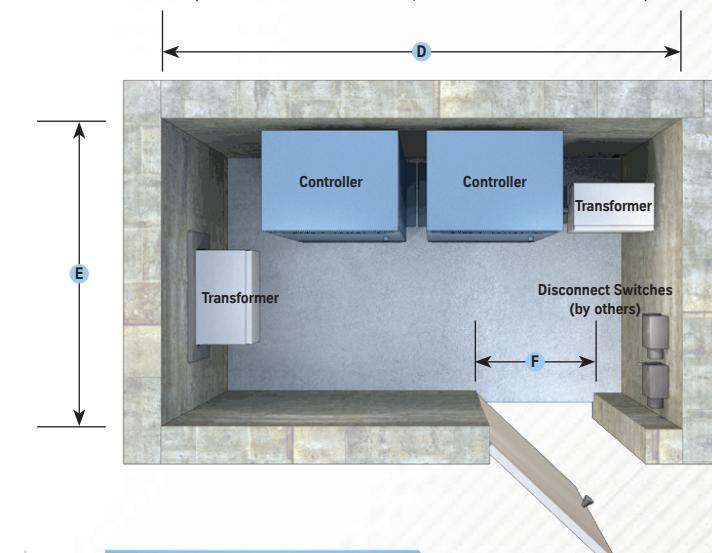


### Simplex<sup>1</sup>

Size	A	B	C
Standard	5'-6"	6'-4"	3'-0"
Performance	5'-0"	5'-11"	3'-0"

Controller closet temperature range 32°F minimum, 104°F maximum. 10-95% non-condensing relative humidity.

**Duplex (Performance Series)**  
 (Includes room for controllers, disconnects and transformers)



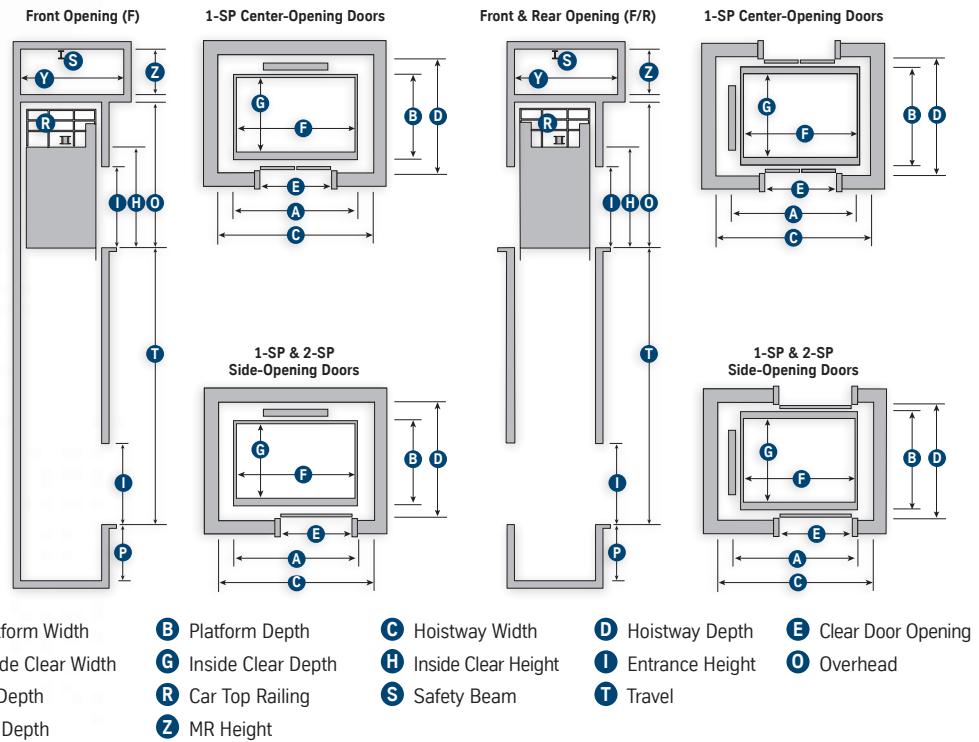
### Duplex<sup>1</sup>

Size	D	E	F
Standard	8'-6"	6'-0"	3'-0"
Performance	10'-0"	5'-11"	3'-0"



## AC Gearless

- Travel: up to 300'-0"
- Speed: 350, 500 fpm
- Capacity: 2100-5000 lbs

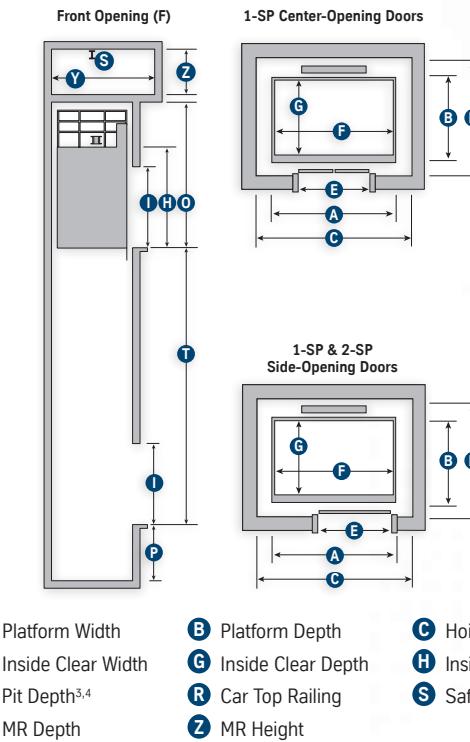


Dimensional data shown above is for non-seismic zones and complies with current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from the national codes. Consult your ThyssenKrupp Elevator representative for details.



## AC Gearless

- Travel: 825'-0"
- Speed<sup>1</sup>: 700, 1000, 1200 fpm
- Capacity: 2500-4000 lbs



Please contact your local ThyssenKrupp Elevator representative for information regarding:

- Higher capacities
- Faster speeds
- Additional travel
- Front/rear configurations

- P** Pit Depth:  
 - 350 fpm: 5'-0"  
 - 500 fpm: 6'-6"
- O** Minimum Overhead:  
 - 350 fpm: 15'-3"  
 - 500 fpm: 16'-6"

- H** Inside Clear Cab Height: 7'-4"<sup>5</sup>
- S** Safety Beam Required per OSHA 1926.502<sup>6</sup>
- Y** Minimum Machine Room Depth:  
 - 2100-4000 lbs: 16'-0"  
 - 4500-5000 lbs: 19'-0"
- Z** Minimum Machine Room Height: 7'-6"

- P** Pit Depth: <sup>3, 4</sup>  
 - 700 fpm: 6'-6"  
 - 1000 fpm: 11'-6"  
 - 1200 fpm: 22'-6"
- O** Minimum Overhead:  
 - 700 fpm: 20'-0"  
 - 1000 fpm: 24'-8"  
 - 1200 fpm: 27'-2"

- H** Inside Clear Cab Height: 7'-4"<sup>5</sup>
- S** Safety Beam Required per OSHA 1926.502<sup>6</sup>
- Y** Minimum Machine Room Depth: 18'-0"
- Z** Minimum Machine Room Height: 9'-8"

- <sup>1</sup>To meet the requirements of IBC code for 84" stretchers, a 4'-0" center-opening (for 4000 lb capacity only) or 3'-6" side-opening (for 3500 lb or 4000 lb capacity) door is required.
- <sup>2</sup>For 1000 fpm speeds, add 2" to hoistway depth. For 1200 fpm speeds, add 2" to hoistway width and 4" to depth. For seismic conditions on 700 fpm speeds, add 4" to hoistway width and 2" to depth. For 1000 and 1200 fpm speeds, add 5" to hoistway width and 4" to depth.

- <sup>3</sup>Pit Depth based on chain compensation. Add 2'-8" for rope compensation. For 700 fpm, chain compensation available up to 300'-0" of travel. Rope compensation required.
- <sup>4</sup>Per ASME A17.1 rule 2.2.4.2 must have separate pit access door 10'-0" door sill to the pit floor, or 13'-9" from access door sill to pit floor, if there is not a building floor below the terminal floor.

- <sup>5</sup>Dimension shown is based on suspended ceiling design. An increase in cab height will result in an increase in overhead requirements.
- <sup>6</sup>Provided and installed by others, as directed by the local TKE office. Clear overhead is shown to the bottom of the safety beam.

## Performance Series

Cap (lbs)	Platform A x B	Hoistway C x D	Front/ Rear	Inside Clear F x G	Door Type	Door Width E
2500	7'-0" x 5'-1"	8'-4" x 6'-8" <sup>2</sup>	F	6'-8" x 4'-3"	1-SP	3'-6"
3000	7'-0" x 5'-7"	8'-4" x 7'-2" <sup>2</sup>	F	6'-8" x 4'-9"	1-SP	3'-6"
3500 <sup>1</sup>	7'-0" x 6'-3"	8'-4" x 7'-10" <sup>2</sup>	F	6'-8" x 5'-5"	1-SP	3'-6"
4000 <sup>1</sup>	8'-0" x 6'-3"	9'-4" x 7'-10" <sup>2</sup>	F	7'-8" x 5'-5"	1-SP	3'-6" / 4'-0"

<sup>1</sup>This capacity is not available with center-opening doors.

<sup>2</sup>To meet the requirements of IBC code for 84" stretchers, a 4'-0" center-opening (for 4000 lb capacity only) or 3'-6" side-opening (for 3500 lb or 4000 lb capacity) door is required.

<sup>3</sup>For seismic conditions, add 4" to hoistway width and 3" to hoistway depth.

<sup>4</sup>For seismic conditions, add 4<sup>1/4</sup>" to hoistway width.

<sup>5</sup>Dimension shown is based on suspended ceiling design. An increase in cab height will result in an increase in overhead requirements.

<sup>6</sup>Provided and installed by others, as directed by the local TKE office. Clear overhead is shown to the bottom of the safety beam.

Dimensional data shown above is for non-seismic zones and complies with current ASME A17.1 and CSA B44 Safety Code for Elevators. Local codes may vary from the national codes. Consult your ThyssenKrupp Elevator representative for details.

2 cabs, 1 shaft, 0 crowds.

# TWIN

## A precisely efficient elevator system

The TWIN® elevator system has two cars, arranged on top of each other, that operate in one hoistway. Each elevator has its own traction drive, controller, ropes, counterweight and governor and share the same guide rails and landing doors.

The cars move independently in the hoistway. However, they always have a minimum separation.



## Safety is standard with TWIN

We provide four levels of safety to prevent two TWIN cabs in the same hoistway from getting too close to each other.



1

### Intelligent allocation of calls

Requests are always distributed by the destination selection control so elevator cars do not obstruct each other and a minimum distance is always observed.



2

### Monitoring of minimum safety distances

The minimum separation is constantly monitored automatically: In order to avoid an emergency stop, the system will stop at the next landing to allow the other car to move on before continuing to its destination.



3

### Emergency stop function

If the safety distance is breached, the system shuts down the drives and activates the brakes and triggers an emergency stop for both elevator cars.



4

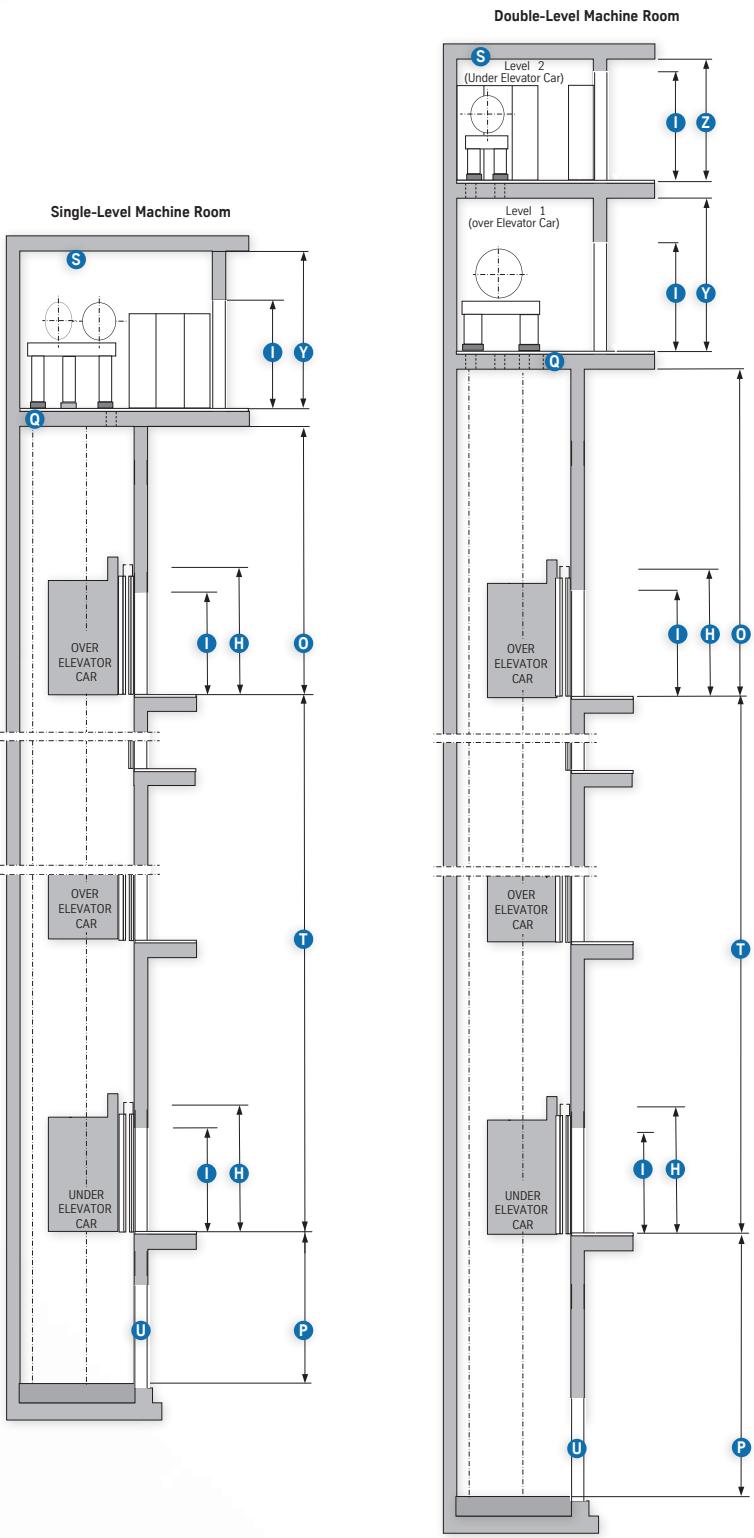
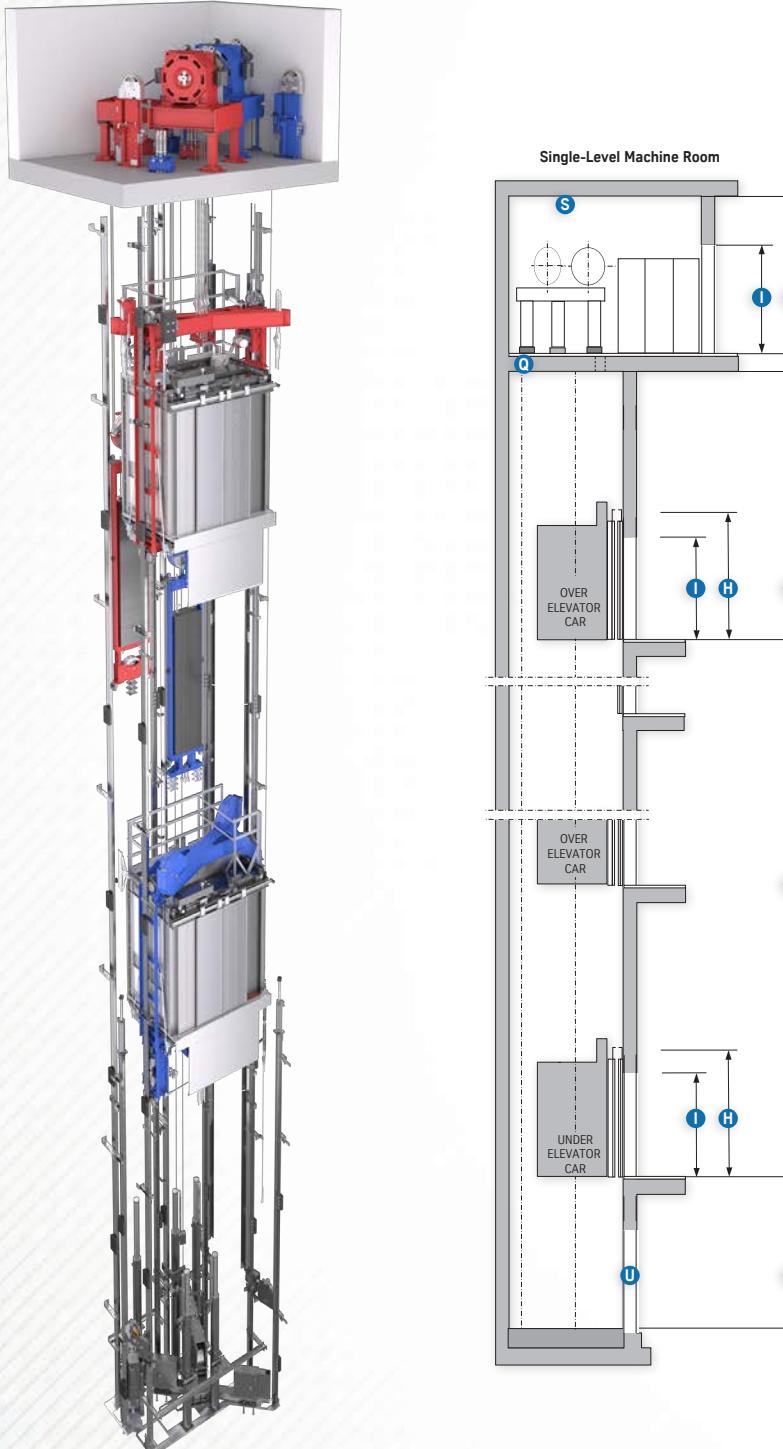
### Automatic engagement of the safety gear

The safety gears of both elevator cars are activated in the very unlikely event that the first three safety stages fail or there is an insufficient deceleration of the elevator cars. It is not possible for the elevator cars to make contact.

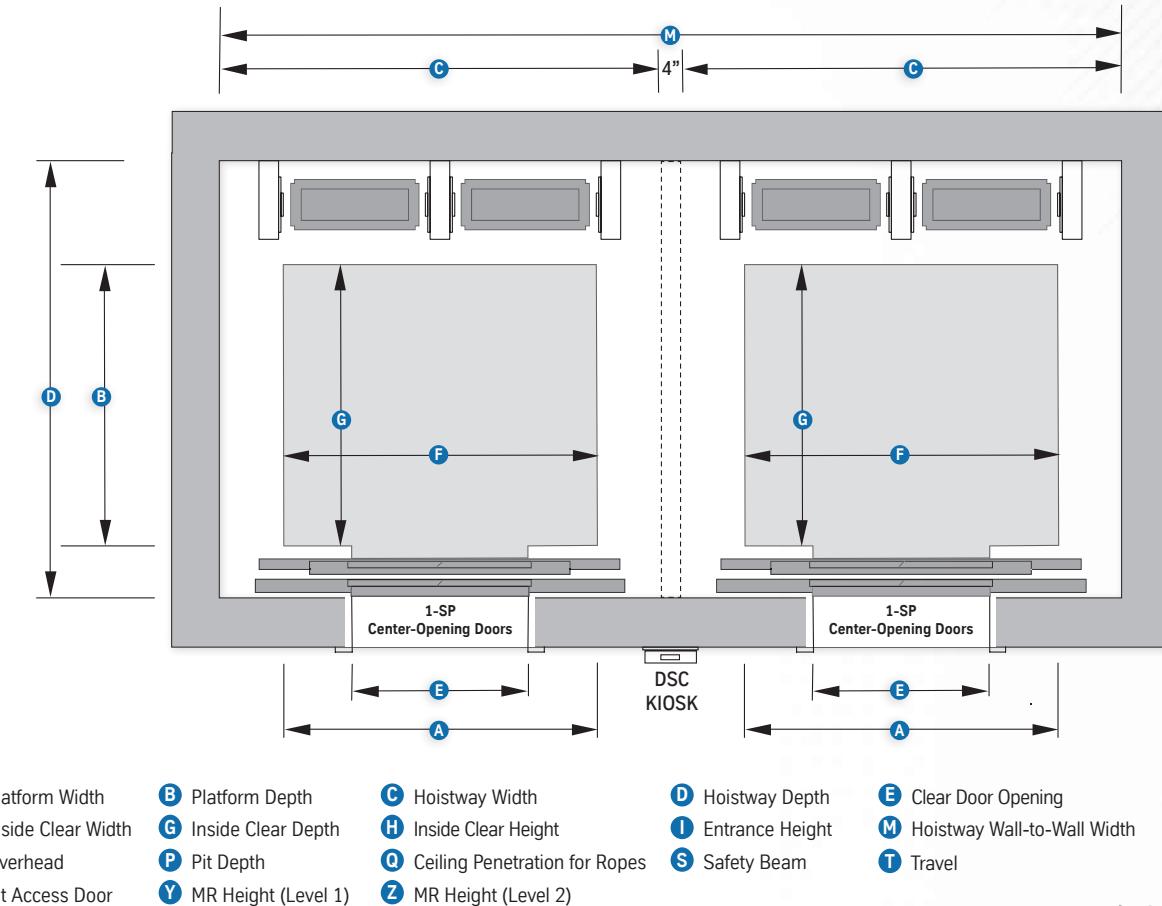
- TWIN is in compliance with ASME A17.7/CSA B44.7; A17.7 specifically intended for new elevator technology and practices.
- Safety level 3 and 4 will be monitored by an independent control system according to IEC EN 61508 — giving TWIN the highest safety classification of **Safety Integrity Level 3 (SIL3)**
- Fully certified by the **German TÜV inspectorate** — the most stringent and rigorous safety standard an elevator can attain.
- CE Type certified.
- System satisfies the regulations in accordance with elevator directive **95/16/EC and EN 81-1** with approved deviations and is EN 81-A3 compliant.

## Hoistway Section Views

- Travel: up to 500'-0"
- Speed: 800 / 500 fpm (single-level), 1200 / 800 fpm (double-level)
- Capacity: 2500-4000 lbs



## Hoistway Plan Views



**A** Platform Width   **B** Platform Depth   **C** Hoistway Width   **D** Hoistway Depth   **E** Clear Door Opening  
**F** Inside Clear Width   **G** Inside Clear Depth   **H** Inside Clear Height   **I** Entrance Height   **M** Hoistway Wall-to-Wall Width  
**J** Overhead   **K** Pit Depth   **L** Ceiling Penetration for Ropes   **N** Safety Beam   **T** Travel  
**P** Pit Access Door   **Q** MR Height (Level 1)   **R** MR Height (Level 2)

### Dual-Car System

Cap (lbs)	Platform A x B	Hoistway C x D	Inside F x G	Door Type	Door Width E	Wall to Wall M	Single-Level MR Width x Depth	Dual-Level MR Width x Depth
2500	7'-0" x 5'-1"	9'-4" x 7'-8"	6'-8" x 4'-3"	1-SP	3'-6"	19'-0"	23'-0" x 17'-8"	22'-6" x 16'-0"
3000	7'-0" x 5'-7"	9'-4" x 8'-2"	6'-8" x 4'-9"	1-SP	3'-6"	19'-0"	23'-0" x 18'-2"	22'-6" x 16'-6"
3500	7'-0" x 6'-3"	9'-4" x 8'-10"	6'-8" x 5'-5"	1-SP	3'-6"	19'-0"	23'-0" x 18'-10"	22'-6" x 17'-2"
4000	8'-0" x 6'-3"	10'-4" x 8'-10"	7'-8" x 5'-5"	1-SP	3'-6" / 4'-0"	21'-0"	25'-0" x 18'-10"	24'-6" x 17'-2"

<sup>1</sup> Provided and installed by others, as directed by the local TKE office. Clear overhead is shown to the bottom of the safety beam.

<sup>2</sup> Other heights available; an increase will require overhead to increase.

<sup>3</sup> Other heights available; an increase in height will require distance between floors to increase.

All details are based on the preferred types of the TWIN systems. For deviating performance data (e.g., rated load, travel height, speed, heavy car equipment, etc.) contact a TWIN expert.

**P** Pit Depth:  
 - Single-Level MR: 13'-0"  
 - Double-Level MR: 15'-1"

**O** Minimum Overhead:  
 - Single-Level MR: 18'-7"  
 - Double-Level MR: 19'-11"

**H** Inside Clear Cab Height:  
 7'-4"<sup>2</sup>

**I** Entrance Height: 7'-0"<sup>3</sup>

**S** Safety Beam Required per OSHA 1926.502<sup>1</sup>

Minimum Machine Room Height:

**Y** - Single-Level MR: 8'-6"  
**Z** - Double-Level MR:  
 10'-2" (Level 1), 8'-6" (Level 2)

Minimum Height Between Floors (Typical): 8'-3"  
 Minimum Height Between Lowest Two Floors:

- Single-Level MR:  
 19'-11<sup>3/4</sup>"  
- Double-Level MR:  
 20'-9<sup>5/8</sup>"

# interior design

→ Cabs & Fixtures

## Standard Cabs

### Panel Design

Mix beauty and practicality with this decorative and durable cab. The panel design is constructed with a high-quality steel shell and vertical raised panels made with a core of urea-formaldehyde-free wood. Choose from a laminate or brushed stainless steel facing.



Above, from left to right: Natural Cane, Sarum Twill, Zebrano, Blackened Legno.<sup>1</sup>

#### Panel Finish Options

Plastic Laminates <sup>2</sup>	Woods	
	Solids	
	Patterns	
	Brushed Stainless Steel	

#### Reveal Finish Options

Powder Coats	
Brushed Stainless Steel	

### Steel Shell Design

Clean and modern flat cab interior designs convey quality. Our durable formed steel-shell cab is available in a variety of powder coat color options or can be upgraded to brushed stainless steel.



Above, from left to right: Blue Patina, Prairie Grass, Mustard Seed and Rustic Red.<sup>1</sup>

#### Shell Finish Options

Powder Coats	
Brushed Stainless Steel	

For additional cab design options, visit

[www.thyssenkruppelevator.com/tools/create-a-cab](http://www.thyssenkruppelevator.com/tools/create-a-cab)



<sup>1</sup> Carpets by others. Configurations shown above include standard and optional selections.

<sup>2</sup> Colors may vary. We recommend examining a large selector sheet before making a selection.

# interior design

## Accessories

### Sills

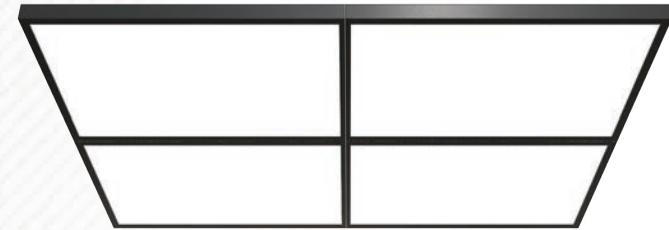


Aluminum<sup>1</sup>



Nickel Silver

### Ceilings<sup>2</sup>



**Suspended**<sup>1</sup> White translucent diffusers for LED or fluorescent lighting are available with ceiling frames in a powder coated or stainless steel finish.

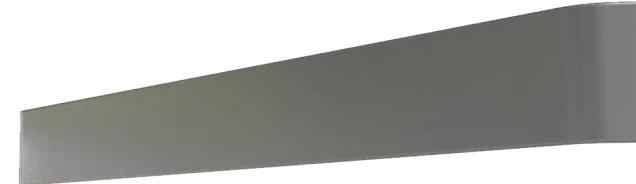


**Downlight** Metal pan downlight ceiling features LED or halogen lighting. Lights are mounted in your choice of powder coated or stainless steel ceiling panels.

### Handrails



**Cylindrical Continuous**<sup>1</sup> 1½" cylindrical handrail is a continuous metal form with ends turned toward the wall. We also offer straight endcaps in lieu of the returned ends. Comes in brushed stainless steel.



**Flat Bar Continuous** Metal bar handrail is available in ¼" thickness and 2", 4", or 6" widths. Comes in brushed stainless steel.

## Doors

Door orientation options offer a range of benefits to accommodate varying project needs.



**One-speed door** The most economical door offering, available with either right- or left-hand opening.



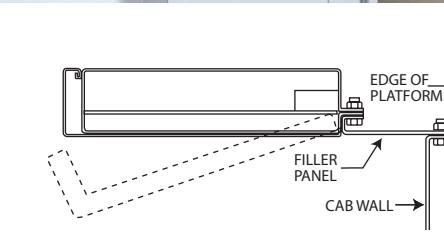
**Two-speed door** Provides a wider opening without compromising door cycling time. Two doors move in the same direction, one sliding faster than the other. Available with either right- or left-hand opening.



**Center-opening door** Permits the quickest entry and exit, improving elevator service while giving an attractive, symmetrical appearance.

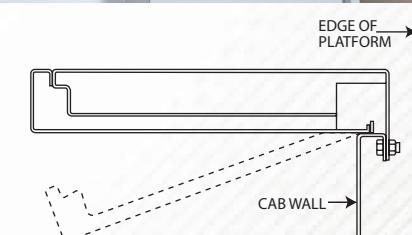
## Front Returns

Fronts include the car station, return panel and transom. Return types come in brushed stainless steel.



**Wrap-around**<sup>1</sup> This return features a hinged car operating panel and separate filler panel.

<sup>1</sup> Comes standard.



**Full-width wrap-around** This return features a hinged car operating panel with integral column and filler panel. The swing extends from the cab opening to the cab wall.

<sup>1</sup> Comes standard. Finishes may vary based on your project selections.

<sup>2</sup> Lighting options may vary depending on cab size.

# interior design

→ Cabs & Fixtures

## Premium Cab Designs

An upgrade from our standard panel design interiors, the premium cab line provides thousands of variations of finishes and configurations. Choose from metal, laminate and glass finishes, as well as panel style and trim options.



## Custom Cab Designs

Maintain your flexibility to design without compromise. The custom cab line allows you to create interiors that enhance and complement your building with no limitations.



See premium cab design options at  
[www.thyssenkruppelevator.com/tools/create-a-cab](http://www.thyssenkruppelevator.com/tools/create-a-cab)



# interior design

→ Cabs & Fixtures

## Signal Fixtures

- Comply with all National Fire Service codes for the U.S. and Canada
- Braille plates feature highly durable, cast tactile markings that meet the most stringent requirements
- Buttons available in red, white or blue LED illumination

### Signa<sup>4</sup><sup>1</sup>

- Satin stainless-steel finish with charcoal trim
- Allows for renovation of metal finish without requiring removal of box or frame
- Buttons feature white or blue LED lighting

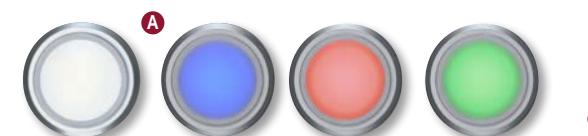
- A Push button
- B Car Operating Panel
- C Intermediate Hall Station with Fire Service Devices
- D Intermediate Hall Station
- E Intermediate Hall Station, Fire Service & Appendix H/O Signage
- F Hall Position Indicator
- G Combo Hall Lantern / Position Indicator
- H Intermediate Hall Lantern (Domed)
- I Terminal Hall Lantern (Arrow)



### Traditional

- Faceplates in brushed<sup>1</sup> or polished stainless steel
- Position indicator displays car location with matrix of red LED-illuminated dots
- Buttons feature white, blue, red or green LED lighting

- A Push button
- B Car Operating Panel
- C Intermediate Hall Station with Fire Service Devices
- D Terminal Hall Station, Fire Service & Appendix H/O Signage
- E Intermediate Hall Lantern (Triangular)
- F Combo Hall Lantern / Dot-Matrix Position Indicator
- G Combo Hall Lantern / Round Numeral Position Indicator
- H Intermediate Hall Station



### Vandal-Resistant

- Faceplates in brushed<sup>1</sup> or polished stainless steel
- Extra level of protection in challenging environments
- Pry-resistant hall jamb symbols and buttons are mounted flush with the door frame
- Buttons feature blue illumination<sup>1</sup>, with red or white optional

- A Push button
- B Car Operating Panel
- C Intermediate Hall Station with Fire Service Devices
- D Terminal Hall Station, Fire Service & Appendix H/O Signage
- E Intermediate Hall Station
- F Terminal Hall Station with Fire Service Key Switch
- G Combo Hall Lantern / Position Indicator
- H Position Indicator with Directional Arrows
- I Intermediate Hall Lantern (Arrows)
- J Terminal Hall Lantern (Arrow)



<sup>1</sup> Comes standard.

# ThyssenKrupp Elevator Locations

## UNITED STATES OFFICES

<b>Alabama</b>	Jacksonville Miami Orlando	904-260-4656 305-592-7722 407-425-3496	<b>Kentucky</b>	Lexington Louisville	859-252-0386 502-266-6014	<b>Nevada</b>	Las Vegas Reno	702-262-6775 775-329-0400	<b>Oregon</b>	Eugene Portland	541-683-7848 503-255-0079	Ft. Worth Houston	817-922-9590 713-849-2191	
<b>Alaska</b>	Pensacola/ Mobile Area	850-477-0015	<b>Louisiana</b>	Baton Rouge New Orleans	225-928-1120 504-733-6141	<b>New Jersey</b>	Atlantic City	609-567-2333	<b>Pennsylvania</b>	Allentown King of Prussia Philadelphia	610-366-0161 609-567-2333 215-405-2340	Downtown Midland Pittsburgh York	713-654-7700 432-683-1488 210-495-8585 254-778-3741 903-533-8844	
<b>Arizona</b>	Beach Sarasota/ Bradenton	561-842-5761 941-753-4787	<b>Maine</b>	Brewer	207-989-3255	<b>New Mexico</b>	Albuquerque	505-856-5800	<b>Utah</b>	Salt Lake City	801-908-7433			
<b>Arkansas</b>	Tallahassee Tampa	850-576-0161 813-287-1744	<b>Georgia</b>	Baltimore Atlanta Macon Hagerstown Savannah	410-636-3280 770-916-0555 478-475-5438 301-739-1314 912-354-8800	<b>Maryland</b>	Buffalo Elmsford Long Island Manhattan Rochester Syracuse	716-681-7900 914-347-3450 631-491-5111 212-947-8800 585-359-9290 315-437-7541	<b>Puerto Rico</b>	Puerto Rico	787-708-5605	<b>Virginia</b>	Newington Norfolk Richmond Roanoke	571-642-0530 757-547-9025 804-355-9792 540-563-5700
<b>California</b>	Hayward Los Angeles Sacramento San Diego San Francisco San Jose Santa Barbara	510-476-1900 323-278-9888 916-376-8700 619-596-7220 415-544-8150 408-392-0910 805-967-0131	<b>Hawaii</b>	Honolulu	808-834-6300	<b>Michigan</b>	Grand Rapids Detroit	616-942-4710 734-953-3734	<b>North Carolina</b>	Charlotte Greensboro Raleigh	704-529-1000 336-272-4563 919-851-8557	<b>South Carolina</b>	Columbia Greenville Myrtle Beach	803-798-3895 864-675-0096 843-448-2016
<b>Colorado</b>	Col. Springs Denver Eagle Fort Collins	719-548-0211 303-790-8566 970-328-5955 970-221-1744	<b>Illinois</b>	Chicago Peoria	630-652-4000 309-691-2596	<b>Minnesota</b>	Duluth Minneapolis	218-624-5566 612-588-7844	<b>North Dakota</b>	Fargo	701-232-2673	<b>Washington</b>	Everett Seattle Spokane Tacoma	425-438-0309 425-702-1200 509-533-2701 253-566-1751
<b>Connecticut</b>	New Haven	860-828-6672	<b>Indiana</b>	Evansville Indianapolis	812-475-9419 317-595-1125	<b>Mississippi</b>	Jackson	601-922-9400	<b>Ohio</b>	Cincinnati Cleveland Columbus Toledo	513-241-6000 440-717-0080 614-895-8930 419-666-3304	<b>Tennessee</b>	Chattanooga Knoxville Memphis	423-499-2216 865-588-8517 901-377-1993
<b>Florida</b>	Ft Lauderdale Ft. Myers Gainesville	954-971-6500 239-334-2511 352-376-2241	<b>Kansas</b>	Kansas City Wichita	913-888-8046 316-529-2233	<b>Missouri</b>	Springfield St. Louis	417-581-9466 314-991-0800	<b>Oklahoma</b>	Oklahoma City Tulsa	405-949-1916 918-665-2040	<b>Texas</b>	Austin Corpus Christi Dallas Central Dallas Downtown El Paso	512-447-9511 361-299-0033 972-785-0505 214-303-1389 915-595-0171
<b>Colorado</b>			<b>Montana</b>	Bozeman	406-587-3895									

For a complete list of all the state licensing contractor numbers, please visit [www.thyssenkuppelevator.com](http://www.thyssenkuppelevator.com)

## CANADA OFFICES

<b>Alberta</b>	Calgary Edmonton	403-259-4183 780-488-0976	<b>Manitoba</b>	Winnipeg	204-697-0700	<b>Newfoundland</b>	St. John's	709-739-4038	<b>Quebec</b>	London Mississauga North York Ottawa Scarborough Sudbury Toronto Whitby	519-652-0800 905-602-6232 416-496-6000 613-751-0810 416-291-2000 705-673-4702 416-599-2002 905-579-0471	Montreal Quebec City Repentigny	514-631-6776 418-682-1214 450-582-8922
<b>British Columbia</b>	Kelowna Vancouver Victoria	250-763-2804 604-294-2209 250-474-1150	<b>New Brunswick</b>	Saint John Moncton	506-634-1063 506-855-3357	<b>Nova Scotia</b>	Halifax	902-454-2456	<b>Saskatchewan</b>				
			<b>Ontario</b>	Hamilton Kingston	905-385-1785 613-542-2904				<b>Regina</b> <b>Saskatoon</b>	306-352-8608 306-242-6467			

### ThyssenKrupp Elevator

2600 Network Blvd., Ste. 450, Frisco, TX 75034

Phone (877) 230-0303

[thyssenkuppelevator.com](http://thyssenkuppelevator.com) | version 02.15

All illustrations and specifications are based on information in effect at time of publication approval.

ThyssenKrupp Elevator reserves the right to change specifications or design and to discontinue items without prior notice or obligation. Copyright © 2015 ThyssenKrupp Elevator Corporation. CA License #651371

