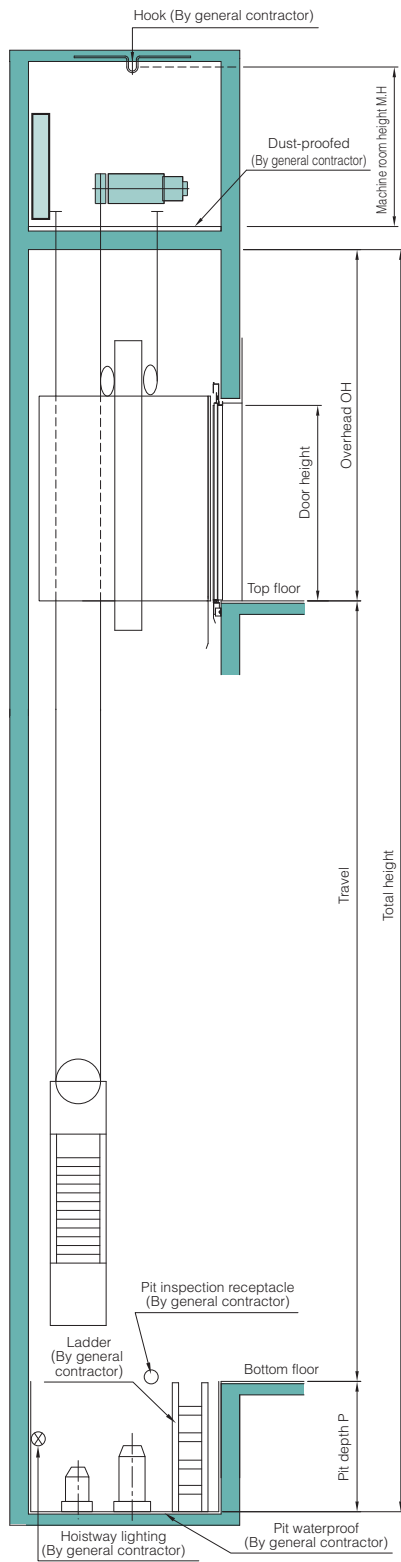


TOSHIBA

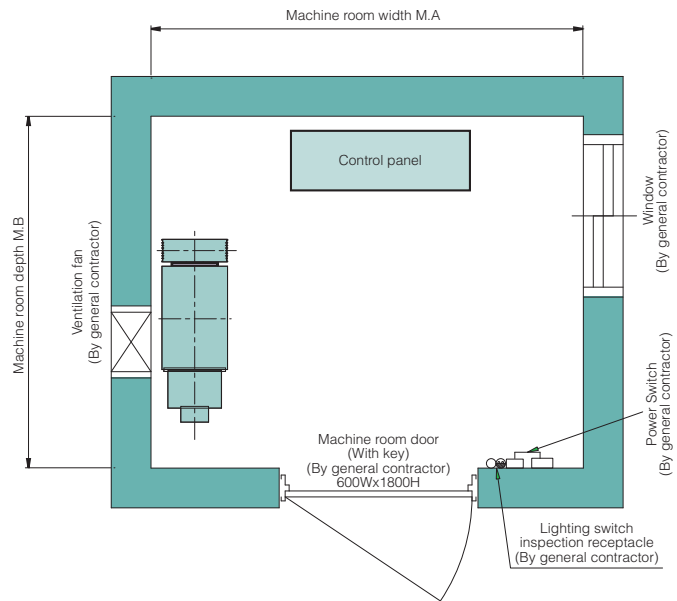
Leading Innovation >>>

ELCOSMO

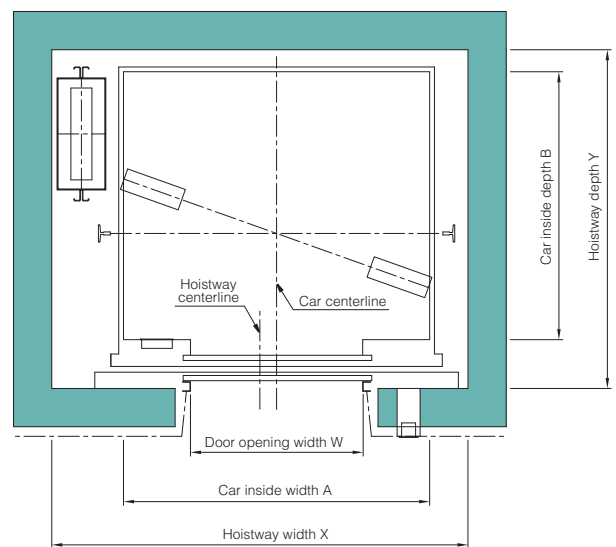
TOSHIBA COMPACT MACHINE ROOM ELEVATORS
Installation plan and power facility plan for *Taiwan*



Hoistway section



Machine room plan



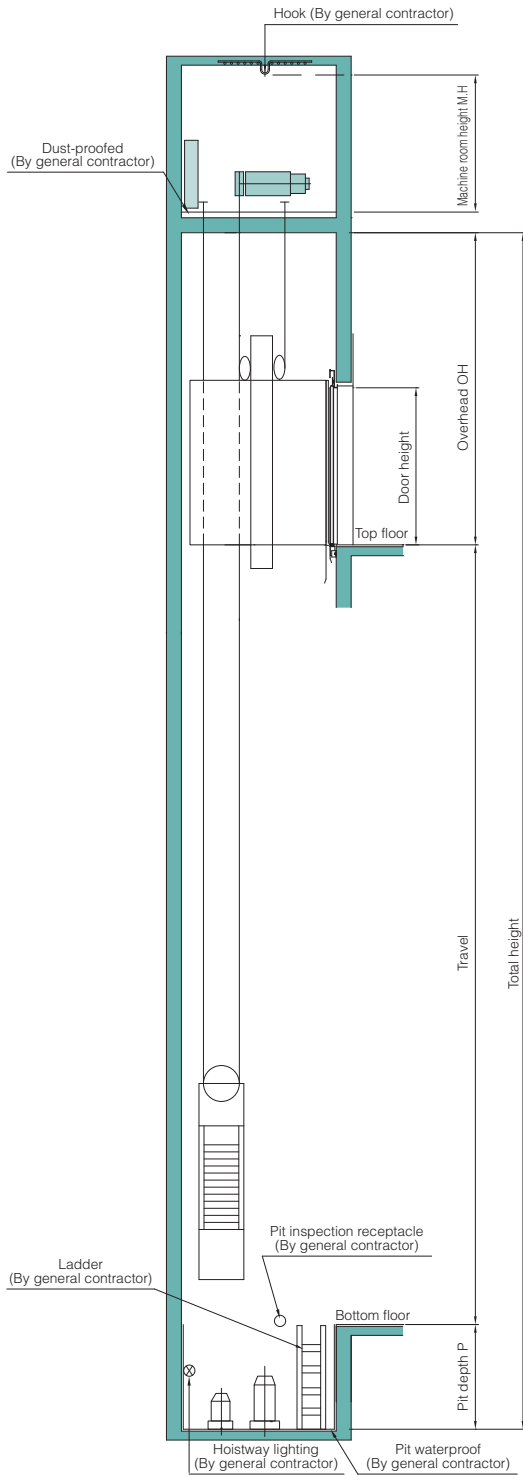
Hoistway plan

Specifications

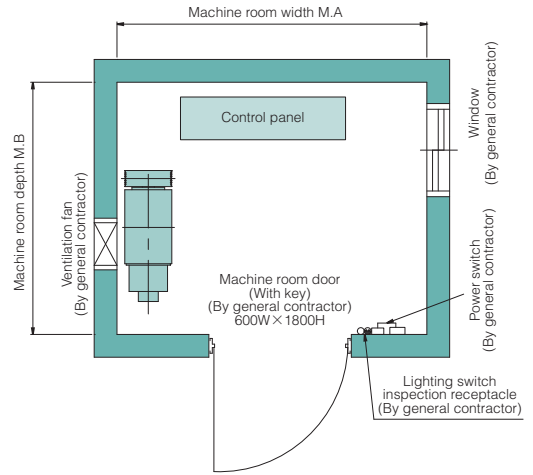
Type	Nos.of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)					
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H								
P9-CO60	W	9	600	1100x1400	800	1820x1770	4050	1300	1820x1770	2000	3.6	24	60					
	W					2000x1770												
P9-CO96	W					1.6	800	1820x1770	4300					1400	1820x1770			
	W						900	2000x1770							2000x1770			
P9-CO105	W					1.75	800	1820x1770	4300					1450	1820x1770			
	W						900	2000x1770							2000x1770			
P9-CO120	W		2		800	1820x1770	4350	1650	1820x1770									
	W				900	2000x1770			2000x1770									
P9-CO150	W		2.5		800	1820x1770	4350	2100	1820x1770									
	W				900	2000x1770			2000x1770									
P11-CO60	W		11		750	1350x1400	800	1945x1770	4050		1300	1945x1770	2000	4.6	24	60		
	W							2050x1770										
P11-CO96	W							1.6	800		1945x1770	4300					1400	1945x1770
	W								900		2050x1770							2050x1770
P11-CO105	W	1.75		800				1945x1770	4300	1450	1945x1770							
	W			900				2050x1770			2050x1770							
P11-CO120	W	2		800	1945x1770		4350	1650	1945x1770									
	W			900	2050x1770				2050x1770									
P11-CO150	W	2.5		800	1945x1770		4350	2100	1945x1770									
	W			900	2050x1770				2050x1770									
P11-CO60	D	11		750	1100x1700		800	1820x2070	4050	1300	1820x2070	2000		4.6	24	60		
	D							2000x2070										
P11-CO96	D							1.6	800	1820x2070	4300						1400	1820x2070
	D								900	2000x2070								2000x2070
P11-CO105	D		1.75			800		1820x2070	4300	1450	1820x2070							
	D					900		2000x2070			2000x2070							
P11-CO120	D		2	800		1820x2070	4350	1650	1820x2070									
	D			900		2000x2070			2000x2070									
P11-CO150	D		2.5	800		1820x2070	4350	2100	1820x2070									
	D			900		2000x2070			2000x2070									
P14-CO60	W		14	950		1600x1400	900	2175x1770	4050	1300	2175x1770		2000	5.7	24	60		
	W							1000			2275x1770							
P14-CO96	W							1.6	900	2175x1770	4300						1400	2175x1770
	W								1000	2275x1770								2275x1770
P14-CO105	W	1.75			900			2175x1770	4300	1450	2175x1770							
	W				1000			2275x1770			2275x1770							
P14-CO120	W	2		900	2175x1770		4350	1650	2175x1770									
	W			1000	2275x1770				2275x1770									
P14-CO150	W	2.5		900	2175x1770		4350	2100	2175x1770									
	W			1000	2275x1770				2275x1770									
P15-CO60	D	15		1000	1100x2100		800	1820x2470	4050	1300	1820x2470	2000		5.7	24	60		
	D							2000x2470										
P15-CO96	D							1.6	800	1820x2470	4300						1400	1820x2470
	D								900	2000x2470								2000x2470
P15-CO105	D		1.75			800		1820x2470	4300	1450	1820x2470							
	D					900		2000x2470			2000x2470							
P15-CO120	D		2	800		1820x2470	4350	1650	1820x2470									
	D			900		2000x2470			2000x2470									
P15-CO150	D		2.5	800		1820x2470	4350	2100	1820x2470									
	D			900		2000x2470			2000x2470									

Note:

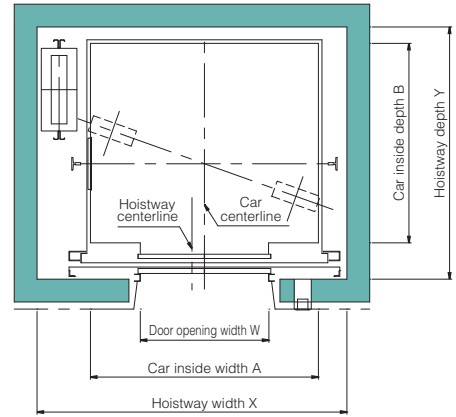
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) elevator is required, please contact us.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- Example: P13W W: Wide car D: Deep car



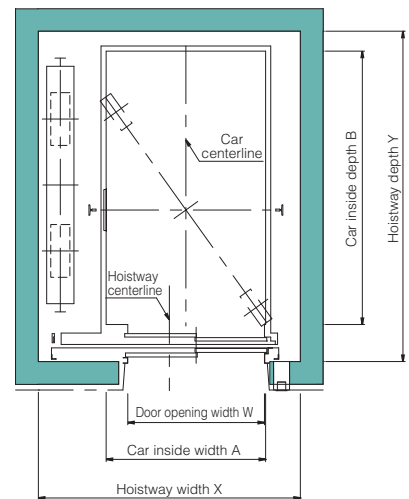
Hoistway section



Machine room plan



Center opening door hoistway plan (Type: P15W)



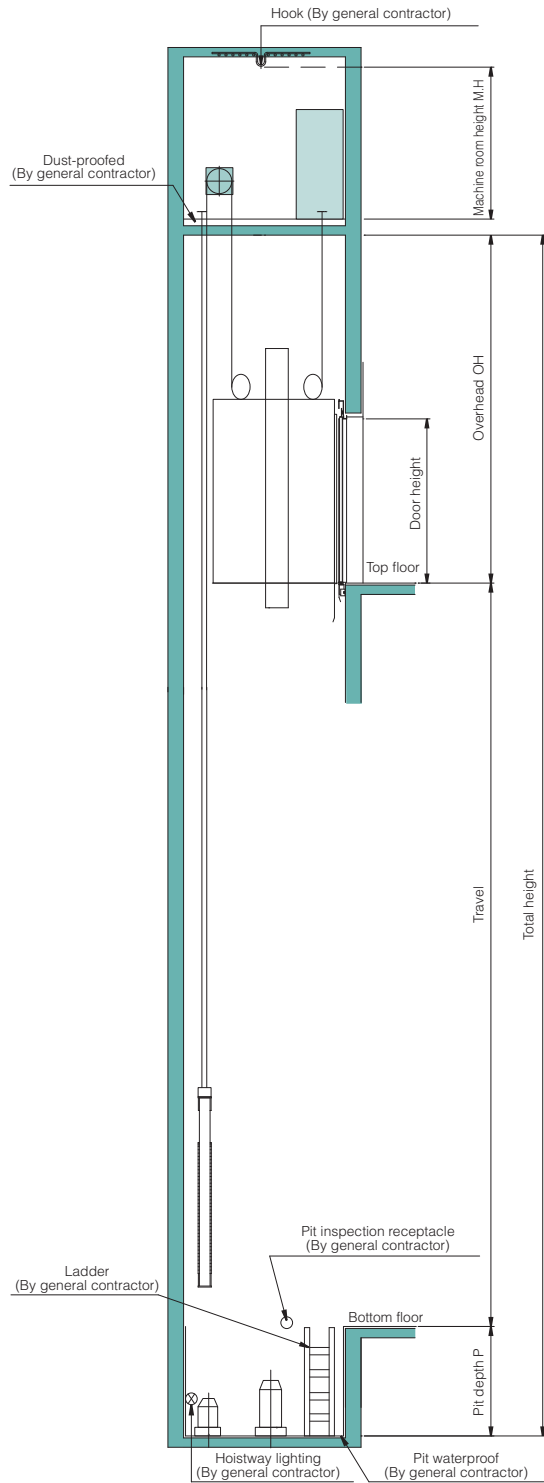
Two panel slide door Hoistway plan (Type: P17D, P21D)

Specifications

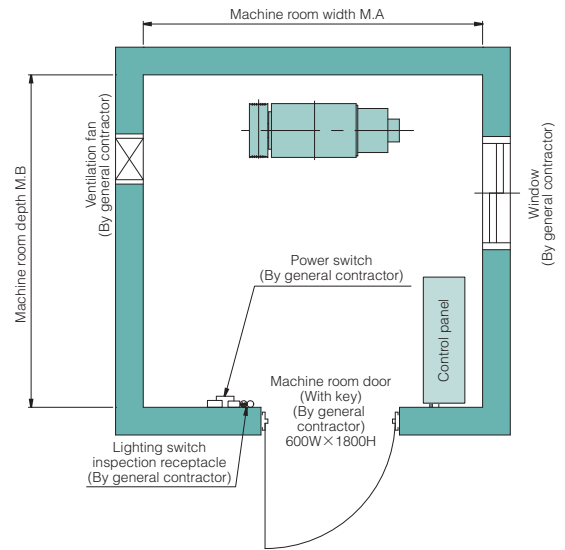
Type	Nos.of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)										
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H													
P17-CO60	W	17	1150	1800x1500	1000	2500x1980	4050	1300	2500x1980	2000	7.3	24	60										
	W													2600x1980									
P17-CO96	W						1.6	1000							2500x1980	4300	1400	2500x1980					
	W													2600x1980									
P17-CO105	W						1.75	1000							2500x1980	4300	1450	2500x1980					
	W													2600x1980									
P17-CO120	W						2	1000							2500x1980	4350	1650	2500x1980					
	W													2600x1980									
P17-CO150	W						2.5	1000							2500x1980	4700	2100	2500x1980					
	W													2600x1980									
P19-2S60	D						19	1275							1200x2450	1100	2100x3000	4050	1300	2100x3000	2200	16.0	32
P19-2S96	D													1.6									
P19-2S105	D	1.75	4300	1450																			
P19-2S120	D				2	4350			1650														
P19-2S150	D	2.5	4700	2100																			
P24-2S60	D				24	1600	1400x2500	1200	2300x3050	4050	1300	2300x3050	2200	18.0	32	100							
P24-2S96	D	1.6	4300	1400																			
P24-2S105	D									1.75	4300						1450						
P24-2S120	D	2	4350	1650																			
P24-2S150	D									2.5	4700						2100						

Note:

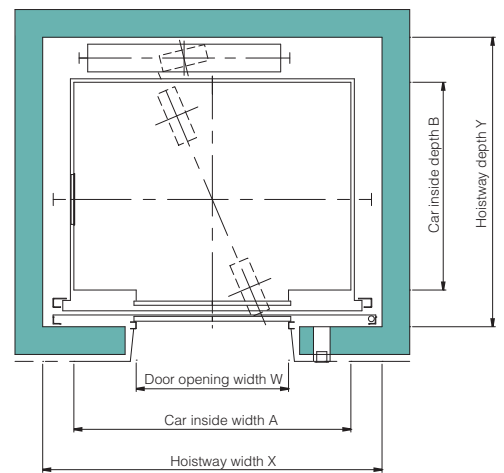
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) elevator is required, please contact us.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- Example: P17W W: Wide car D: Deep car



Hoistway section



Machine room plan



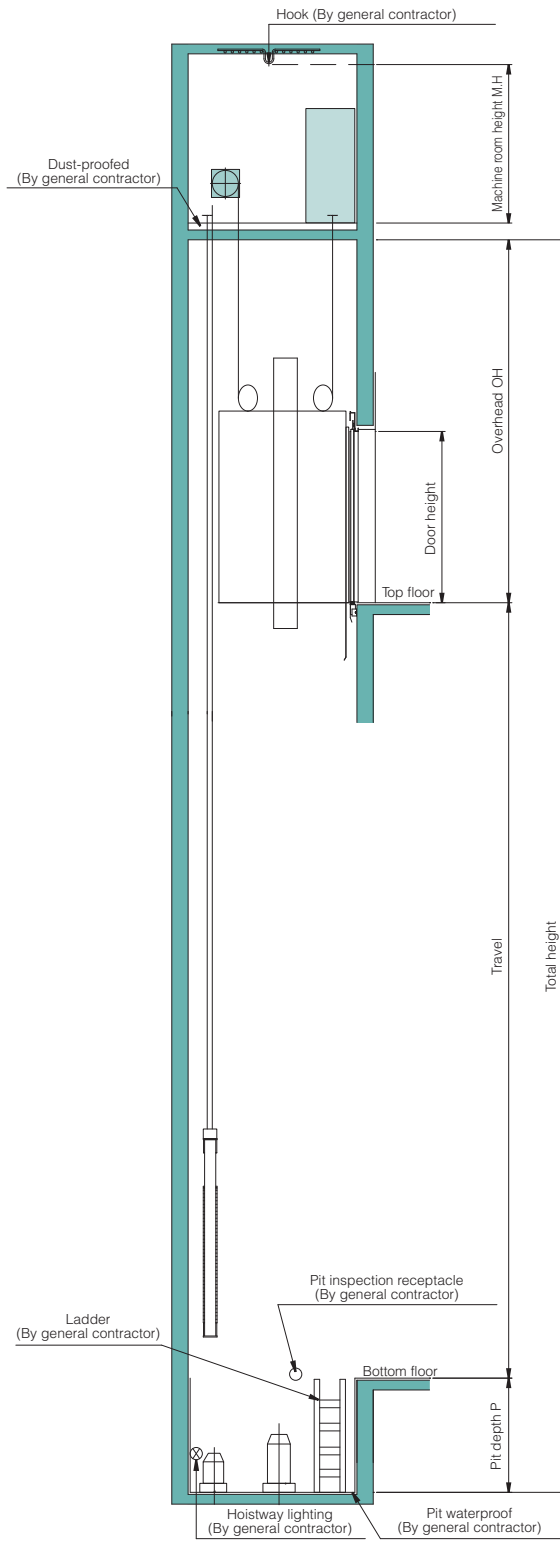
Hoistway plan

Specifications

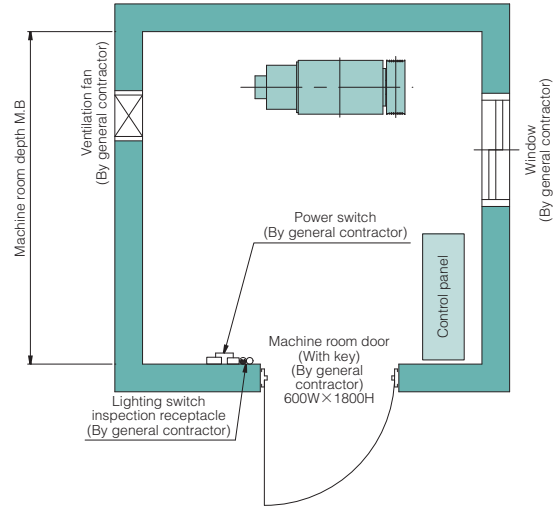
Type	Nos. of Person	Capacity (kg)	Speed (m/s)	Cage size (mm) Internal (A x B)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)								
						X x Y	OH	P	M.A x M.B	M.H											
P9-CO60	W	9	600	1400x1100	800	1850x1680	4050	1300	1850x1680	2000	3.6	24	60								
	W					1950x1680			1950x1680												
P9-CO96	W				1.6	800	1850x1680	4300	1400					1850x1680							
	W					900	1950x1680							1950x1680							
P9-CO105	W				1.75	800	1850x1680	4300	1450					1850x1680							
	W					900	1950x1680							1950x1680							
P9-CO120	W				2	800	1950x1780	4350	1650					1950x1780							
	W					900	2050x1780							2050x1780							
P9-CO150	W				2.5	800	1950x1780	4350	2100					1950x1780							
	W					900	2050x1780							2050x1780							
P11-CO60	W				11	750	1400x1350	800	1850x2000					4050	1300	1850x2000	2000	4.6	24	60	
	W								1950x2000							1950x2000					
P11-CO96	W							1.6	800					1850x2000	4300	1400					1850x2000
	W								900					1950x2000							1950x2000
P11-CO105	W	1.75	800	1850x2000				4300	1450	1850x2000											
	W		900	1950x2000						1950x2000											
P11-CO120	W	2	800	1950x2100				4350	1650	1950x2100											
	W		900	2050x2100						2050x2100											
P11-CO150	W	2.5	800	1950x2100				4350	2100	1950x2100											
	W		900	2050x2100						2050x2100											
P14-CO60	W	14	950	1600x1400				900	2100x2050	4050	1300	2100x2050	2000	5.7	24	60					
	W								2200x2050			2200x2050									
P14-CO96	W							1.6	900	2100x2050	4300	1400									2100x2050
	W								1000	2200x2050											2200x2050
P14-CO105	W							1.75	900	2100x2050	4300	1450									2100x2050
	W								1000	2200x2050											2200x2050
P14-CO120	W							2	900	2200x2150	4350	1650									2200x2150
	W								1000	2300x2150											2300x2150
P14-CO150	W				2.5	900	2200x2150	4350	2100	2200x2150											
	W					1000	2300x2150			2300x2150											

Note:

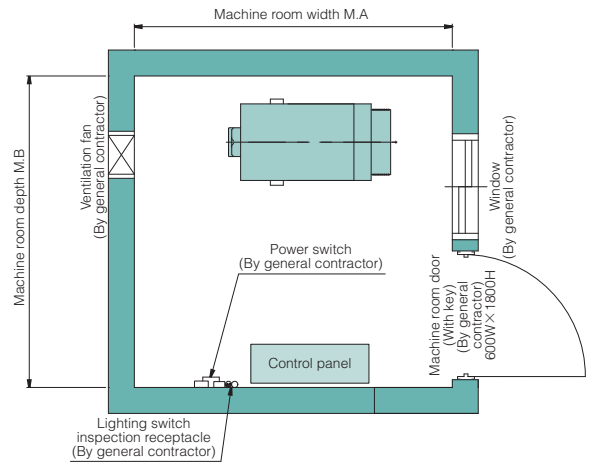
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) elevator is required, please contact us.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- Example: P13W W: Wide car



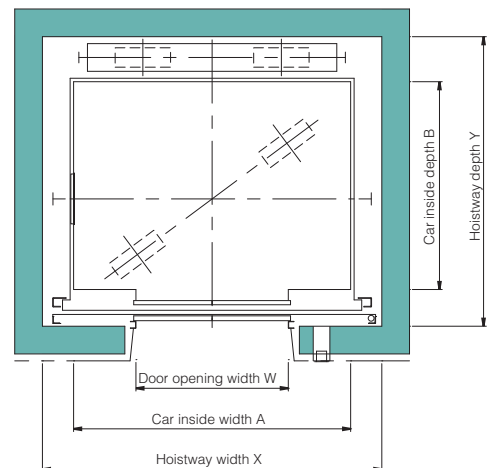
Hoistway section



Machine room plan(P15W)



Machine room plan(P17W~P24W)



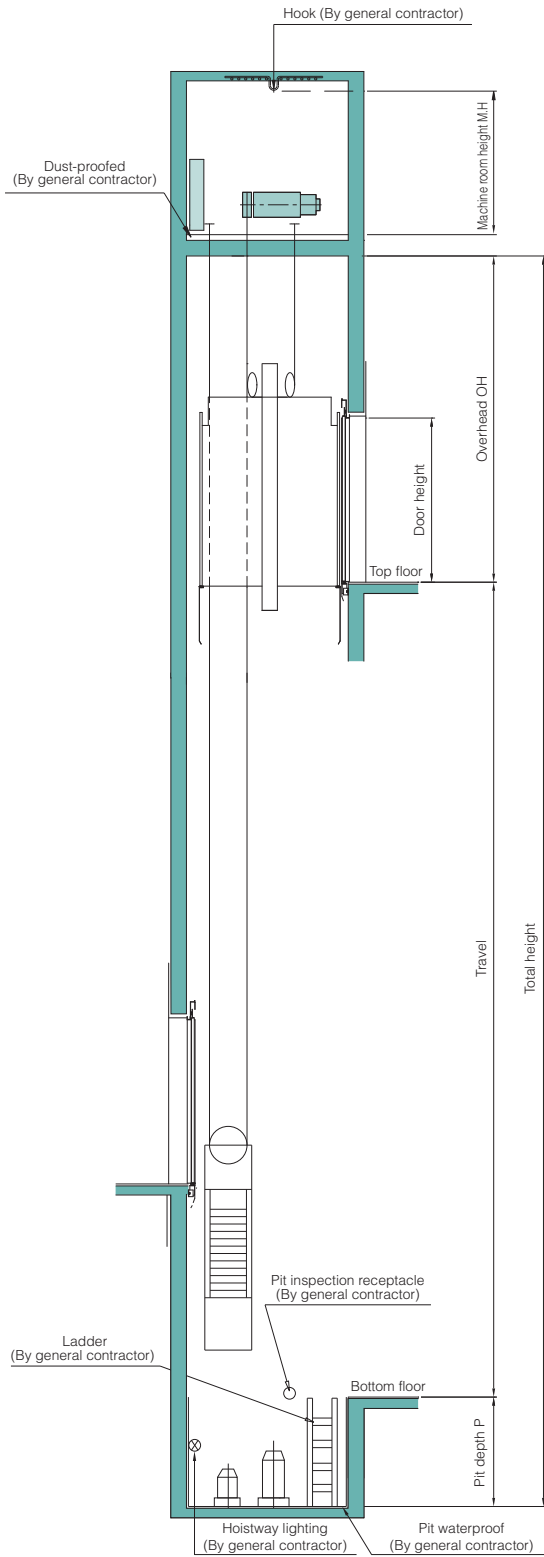
Hoistway plan

Specifications

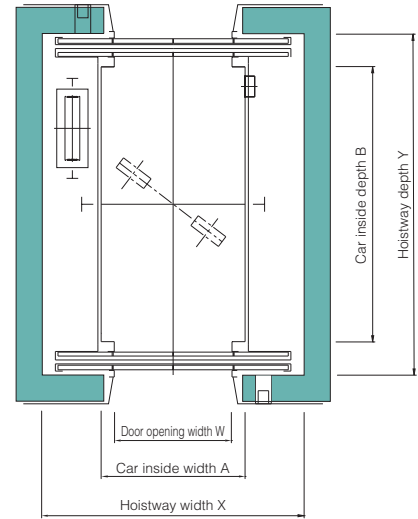
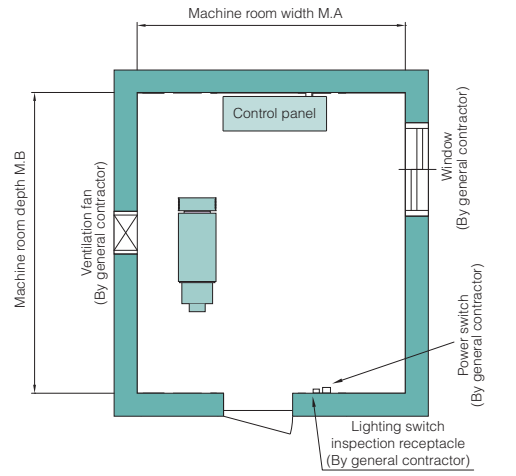
Type	Nos.of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)											
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H														
P17-CO60	W	17	1150	1800x1500	1000	2300x2190	4050	1300	2300x2190	2200	7.3	24	60											
	W													2450x2190										
P17-CO96	W						1.6	1000						2300x2190	4300	1400	2300x2190							
	W																	2450x2190						
P17-CO105	W						1.75	1000						2300x2190	4300	1450	2300x2190							
	W																	2450x2190						
P17-CO120	W						2	1000						2300x2190	4350	1650	2300x2190							
	W																	2450x2190						
P17-CO150	W						2.5	1000						2300x2190	4700	2100	2300x2190							
	W																	2450x2190						
P19-CO60	W						19	1275						2000x1445	1100	2550x2145	4050	1300	2550x2145	2200	8.7	24	60	
P19-CO96	W																							1.6
P19-CO105	W																1.75	4300						
P19-CO120	W																							2
P19-CO150	W	2.5	4700	2100																				
P20-CO60	W				20	1350			2000x1525	1100	2550x2250	4050	1300				2550x2250	2200						16.0
P20-CO96	W	1.6	4300	1400																				
P20-CO105	W						1.75	4300				1450												
P20-CO120	W	2	4350	1650																				
P20-CO150	W						2.5	4700				2100												
P24-CO60	W	24	1600	2000x1750									1100	2550x2450	4050	1300			2550x2450	2200	10.0	24	60	
	W				1200	2700x2450																		
P24-CO96	W				1.6	1100	2550x2450	4300	1400	2550x2450														
	W										1200	2700x2450												
P24-CO105	W				1.75	1100	2550x2450	4300	1450	2550x2450														
	W										1200	2700x2450												
P24-CO120	W				2	1100	2550x2450	4350	1650	2550x2450														
	W										1200	2700x2450												
P24-CO150	W				2.5	1100	2550x2450	4700	2100	2550x2450														
	W										1200	2700x2450												
P27-CO60	W				27	1800	2100x1800	1200	2700x2500	4050	1400	2700x2500			2200	12.0	24	60						
P27-CO96	W																							1.6
P27-CO105	W									1.75	4300													
P27-CO120	W																							2

Note:

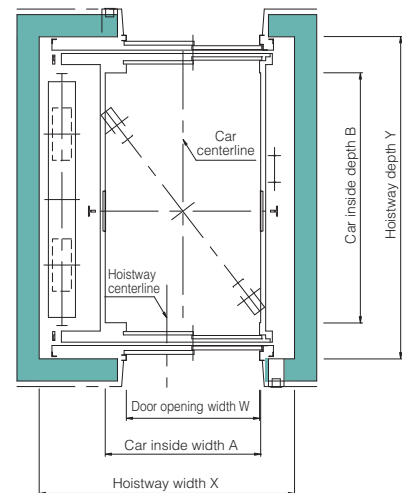
- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) elevator is required, please contact us.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- Example: P17W W: Wide car



Front and rear opening hoistway section



Front and rear opening hoistway plan (Type: P13D2)



Front and rear opening hoistway plan (Type: P21D2)

■ Specifications

Type	Nos.of Person	Capacity (kg)	Speed (m/s)	Cage size (mm)	Door width W (mm)	Hoistway size (mm)			Machine room dimensions (mm)		Motor capacity (kw)	Max. service stops (s)	Max. travel (m)			
				Internal (A x B)		X x Y	OH	P	M.A x M.B	M.H						
P15-CO60	D2	15	1000	1100×2100	800	1820×2610	4050	1300	1820×2610	2000	5.7	※1				
P15-CO96	D2												1.6	4300	1400	9.2
P15-CO105	D2												1.75	4300	1450	10.0
P15-CO120	D2												2	4350	1650	11.4
P15-CO150	D2												2.5	4350	2100	14.3
P24-2S60	D2	24	1600	1400×2500	1200	2300×3170	4050	1300	2300×3170	2200	10.0	※1				
P24-2S96	D2												1.6	4300	1400	16.0
P24-2S105	D2												1.75	4300	1450	18.0
P24-2S120	D2												2	4350	1650	20.0
P24-2S150	D2												2.5	4700	2100	24.0

※1 Please contact us.

Note:

- Hoistway dimensions are the minimum dimension after the building work.
- Hoistway dimensions are the minimum requirement.
- The hoistway structure wall must be 150mm thick or more.
- Piping, wiring and cables not related to elevator are prohibited inside the hoistway.
- In case that more than one (simplex) elevator is required, please contact us.
- If the size of the hoistway is greater than above sizes, OH will be larger, please contact us.
- The front and rear opening floor are less than 8 floor
- Example: P13D2 D2: Front and rear opening door deep car



Safety Cautions

- Observance of relevant laws / regulations are required.
- Read the entire "Instruction Manual" carefully before use, for important information about safety, handling and operation.

TOSHIBA

TOSHIBA ELEVATOR AND BUILDING SYSTEMS CORPORATION

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- The data given in this catalog are subject to change without notice.