



KONE MONOSPACE[®] 500

Shaft Width

9' 10" W Max

9' 8" W Ideal

CONFIGURATIONS & DIMENSIONS

Max Travel ⁽⁸⁾

150 ft. (45.7 m)

Speed ⁽⁸⁾

150, 200, 350 fpm

Car Height **F**

8, 9 or 10 ft.

Entrance Height **G**

7, 8 or 9 ft.

Max Landings ⁽⁸⁾

15

(.75, 1.0, 1.78 m/s)

(2438, 2743 or 3048 mm)

(2134, 2438 or 2743 mm)

		A		A SEISMIC		B		B SEISMIC		C		D		E			
		CAPACITY LBS. (kg)	OPENING TYPE (mm)	HOISTWAY WIDTH (mm)	HOISTWAY WIDTH (mm)	HOISTWAY DEPTH (mm)	HOISTWAY DEPTH (mm)	INTERIOR WIDTH (mm)	INTERIOR DEPTH (mm)	INTERIOR WIDTH (mm)	INTERIOR DEPTH (mm)	DOOR WIDTH (mm)	STRETCHER ACCOMMODATION ⁽¹⁰⁾				
Front Opening	PASSENGER	2000 (907)	SSP	7'-4" (2235)	7'-9" (2362)	5'-9" (1753)	5'-9 1/2" (1766)	5'-8 5/64" (1750)	4'-4 2/64" (1332)	3'-0" (914)	No						
		2500 (1134)	SSP-CO	8'-4" (2540)	8'-9" (2667)	5'-9" (1753)	5'-9 1/2" (1766)	6'-8 29/32" (2055)	4'-4 2/64" (1332)	3'-6" (1067)	No						
		2500 IBC (1134) ⁽¹⁰⁾	SSP	8'-9" (2667)	9'-3" (2819)	5'-9" (1753)	5'-9 1/2" (1766)	6'-11 4/64" (2127)	4'-4 2/64" (1332)	3'-6" (1067)	Yes						
		3000 (1361)	SSP-CO	8'-4" (2540)	8'-7" (2616)	6'-3" (1905)	6'-3 1/2" (1918)	6'-5 19/32" (1971)	5'-0 29/64" (1536)	3'-6" (1067)	No						
		3500 (1588)	SSP-CO	8'-4" (2540)	8'-7" (2616)	6'-11" (2108)	6'-11" (2108)	6'-5 19/32" (1971)	5'-6 3/8" (1693)	3'-6" (1067)	Yes						
		4000 (1814)	CO	9'-6" (2896)	9'-6" (2896)	6'-11" (2108)	6'-11" (2108)	7'-6 45/64" (2304)	5'-6 3/8" (1693)	4'-0" (1219)	Yes						
Front & Reverse Opening	SERVICE	4000 (1814)	2SP	7'-6" (2286)	7'-6" (2286)	9'-2" (2794)	9'-2" (2794)	5'-7 3/32" (1704)	7'-7 29/32" (2335)	4'-0" (1219)	Yes						
		4500 (2041)	2SP	7'-6" (2286)	7'-6" (2286)	9'-8" (2946)	9'-8" (2946)	5'-7 3/32" (1704)	8'-1 13/16" (2485)	4'-0" (1219)	Yes						
		5000 (2268) ⁽⁹⁾	2SP	7'-8" (2337)	7'-8" (2337)	10'-2 1/2" (3112)	10'-2 1/2" (3112)	5'-7 3/32" (1704)	8'-9 29/32" (2684)	4'-6" (1372) ⁽⁹⁾	Yes						
		5000 AIA (2268)	2SP	7'-8 3/16" (2345)	7'-9 1/2" (2375)	10'-5 1/16" (3177)	10'-5 1/16" (3177)	5'-9 13/32" (1763)	9'-0 7/16" (2755)	4'-6" (1372) ⁽⁹⁾	Yes						
		2000 (907)	SSP	7'-4" (2235)	7'-9" (2362)	6'-3 3/4" (1924)	6'-3 3/4" (1924)	5'-8 57/64" (1750)	4'-4 2/64" (1332)	3'-0" (914)	No						
Front & Reverse Opening	PASSENGER	2500 (1134)	SSP-CO	8'-4" (2540)	8'-9" (2667)	6'-3 3/4" (1924)	6'-3 3/4" (1924)	6'-8 29/32" (2055)	4'-4 2/64" (1332)	3'-6" (1067)	No						
		2500 IBC (1134) ⁽⁵⁾⁽¹⁰⁾	SSP	8'-9" (2667)	9'-3" (2819)	6'-3 3/4" (1924)	6'-3 3/4" (1924)	4'-4 2/64" (1332)	4'-4 2/64" (1332)	3'-6" (1067)	Yes						
		3000 (1361)	SSP-CO	8'-4" (2540)	8'-7" (2616)	6'-11 3/4" (2127)	6'-11 3/4" (2127)	6'-11 4/64" (2127)	5'-0 29/64" (1536)	3'-6" (1067)	No						
		3500 (1588) ⁽¹⁰⁾	SSP-CO	8'-4" (2540)	8'-7" (2616)	7'-6" (2286)	7'-6" (2286)	6'-5 19/32" (1971)	5'-0 29/64" (1536)	3'-6" (1067)	Yes						
		4000 (1814)	CO	9'-6" (2896)	9'-6" (2896)	7'-6" (2286)	7'-6" (2286)	7'-6 45/64" (2304)	5'-6 3/8" (1693)	4'-0" (1219)	Yes						
		4000 (1814)	2SP	7'-6" (2286)	7'-6" (2286)	10'-2 1/8" (3102)	10'-2 1/8" (3102)	5'-7 3/32" (1704)	7'-7 29/32" (2335)	4'-0" (1219)	Yes						
		4500 (2041)	2SP	7'-6" (2286)	7'-6" (2286)	10'-8 1/16" (3252)	10'-8 1/16" (3252)	5'-7 3/32" (1704)	8'-1 13/16" (2485)	4'-0" (1219)	Yes						
		5000 (2268) ⁽⁹⁾	2SP	7'-8" (2337)	7'-8" (2337)	11'-3 7/8" (3451)	11'-3 7/8" (3451)	5'-7 3/32" (1704)	8'-9 29/32" (2684)	4'-6" (1372) ⁽⁹⁾	Yes						
		5000 AIA (2268)	2SP	7'-8 3/16" (2345)	7'-9 1/2" (2375)	11'-6 13/16" (3522)	11'-6 13/16" (3522)	5'-9 13/32" (1763)	9'-0 7/16" (2755)	4'-6" (1372) ⁽⁹⁾	Yes						

Visit kone.us for the latest project-specific details, CAD drawings, BIM models, CSI specifications, electrical data, reaction loads and building access requirements.

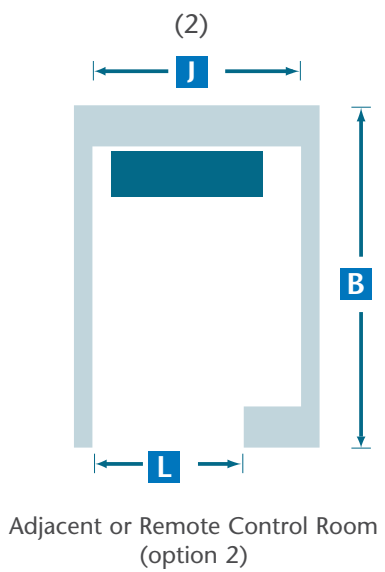
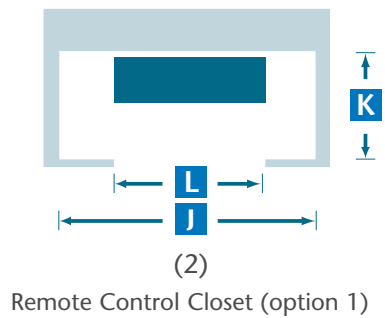
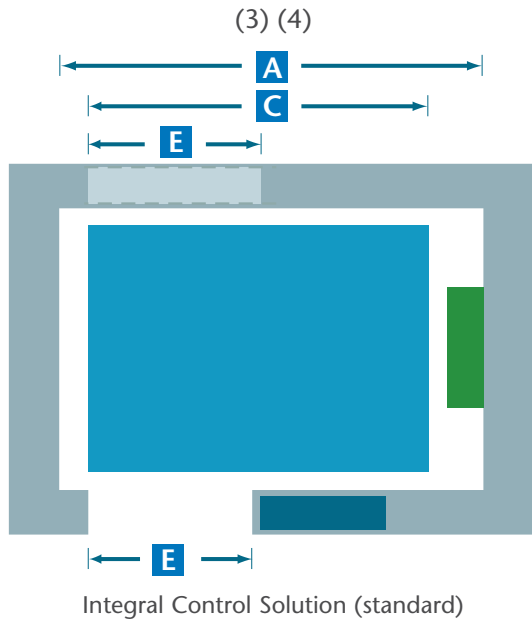
CLEAR OVERHEAD H AND PIT DEPTH I							
		150 FPM (0.75 M/S)		200 FPM (1.00 M/S)		350 FPM (1.78 M/S)	
CAPACITY LBS. (kg)	PIT DEPTH (mm)	CLEAR OVERHD (mm)	PIT DEPTH (mm)	CLEAR OVERHD (mm)	PIT DEPTH (mm)	CLEAR OVERHD (mm)	
2000 to 2500 (907 to 1134)	5'-0" (1524)	13'-0" (3962)	5'-0" (1524)	13'-4" (3988)	5'-6" (1676)	13'-6" (4115)	
3000 to 3500 (1361 to 1588)	5'-0" (1524)	13'-0" (3962)	5'-0" (1524)	13'-4" (3988)	5'-6" (1676)	13'-6" (4115)	
4000 to 5000 AIA (1814 to 2268)	5'-0" (1524)	13'-8" (4166)	5'-0" (1524)	13'-8" (4166)	5'-6" (1676)	13'-8" (4166)	

CONTROL SPACE		J		K		L	
CAPACITY LBS. (kg)	CONTROLLER SPACE	WIDTH (mm)	DEPTH (mm)	DEPTH (mm)	DOOR WIDTH (mm)		
2000 to 5000 AIA (907 to 2268)	remote closet	4'-0" (1219)	1'-8" (508)	1'-8" (508)	3'-6" (1067)		
2000 to 5000 AIA (907 to 2268)	adjacent or remote room	5'-0" (1524)	dimension (B)	dimension (B)	3'-0" (914)		

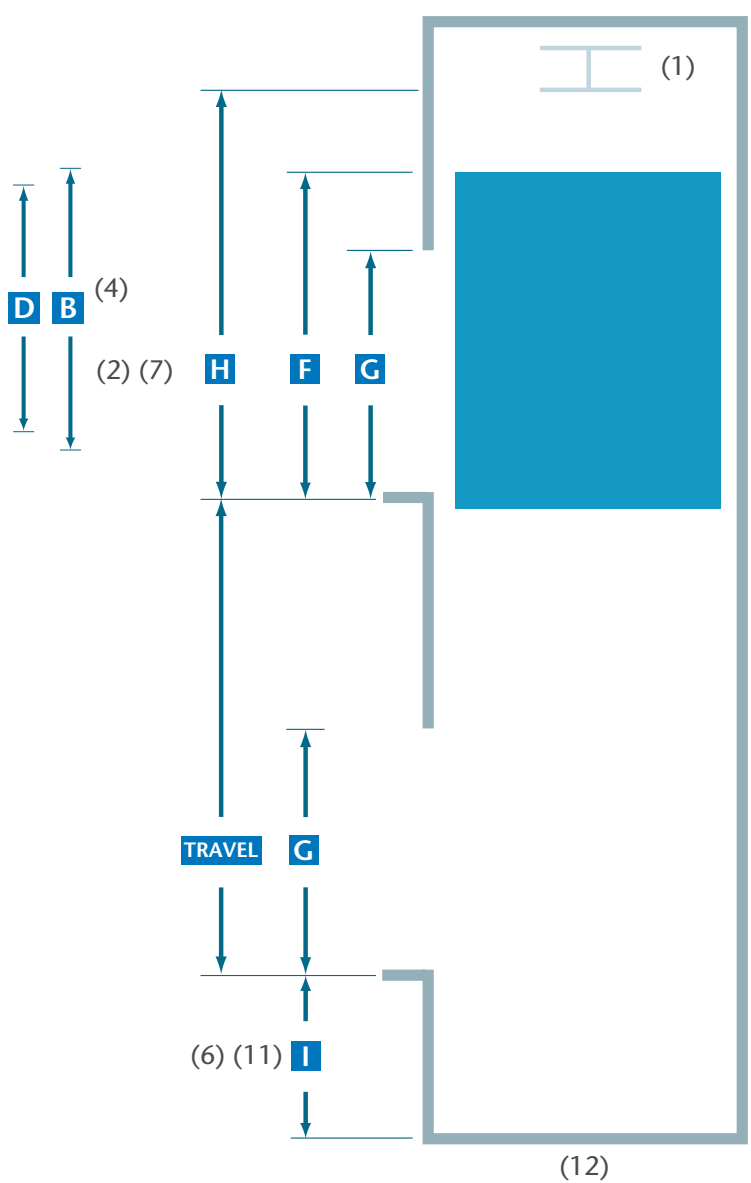
Notes

- (1) A hoist beam (by KONE) is required for installation (by others). Dimension **H** reflects clear under hoist beam.
- (2) If an Emergency Battery Device (EBD) is required, please contact your KONE Sales Professional for further detail regarding dimensions **H**, **J**, and **L**.
- (3) The published hoistway **A** dimension represents the minimum clear inside requirements. Construction efficiencies can be realized by increasing these dimensions by up to 2" (51 mm).
- (4) The published interior width **C** and depth **D** dimensions represent the minimum clear inside requirements without raised panels. For interior width **C** and depth **D** dimensions with raised panels please contact a KONE Sales Professional.
- (5) 2500 LB. IBC reverse opening must be diagonally opposed. For all other front and reverse opening configurations, hoistway width **A** is valid for directly opposed openings only. If diagonally opposed openings are required, please contact your KONE Sales Professional.
- (6) The published minimum pit depth **I** dimension is based upon slide guides. For minimum pit depth **I** with roller guides please contact a KONE Sales Professional.
- (7) All dimensions are based on an 8'-0" (2438 mm) cab with a 7'-0" (2134 mm) door. Alternate car and door heights are available, but will affect dimension **H**.
- (8) 150 fpm (.75 m/s) only available up to 85 ft. (25 m) of travel and 10 landings. 200 fpm (1.00 m/s) available up to 100 ft. (30.5 m) of travel and 12 landings.
- (9) 4'-0" (1219 mm) door width also available.
- (10) Stretcher accessibility based on International and California Building Code specified, 24 inch by 84 inch stretcher — with 5-degree radius corners. Elevator car must utilize a side slide door with the exception of the 4000 LB. passenger shaped car.

Plan views



Section view



Notes, continued:
 Please consult a KONE Sales Professional regarding:
 (11) Pit depths less than 5'-0" (1524 mm).
 (12) Occupied space beneath the hoistway.
 (13) Local code variations when utilizing the integrated, integral and remote closet options.