



# KONE MONOSPACE® 500

## CONFIGURATIONS & DIMENSIONS

### Max Travel <sup>(8)</sup>

150 ft. (45.7 m)

### Max Landings <sup>(8)</sup>

15

### Speed <sup>(8)</sup>

150, 200, 350 fpm

(.75, 1.0, 1.78 m/s)

### Car Height <sup>F</sup>

8, 9 or 10 ft.

(2438, 2743 or 3048 mm)

### Entrance Height <sup>G</sup>

7, 8 or 9 ft.

(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)	DOOR WIDTH (mm)	STRETCHER ACCOMMODATION <sup>(10)</sup>
Front Opening	PASSENGER	2000 (907)	SSP	7'-4" (2235)	7'-9" (2362)	5'-9" (1753)	5'-9 1/2" (1766)	5'-8 5/16" (1750)	4'-4 2/16" (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 2/16" (1332)	3'-6" (1067)	No
		2500 IBC (1134) <sup>(10)</sup>	SSP	8'-9" (2667)	9'-3" (2819)	5'-9" (1753)	5'-9 1/2" (1766)	6'-11 4/16" (2127)	4'-4 2/16" (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	PASSENGER	2000 (907)	SSP	7'-4" (2235)	7'-9" (2362)	6'-3 3/4" (1924)	6'-3 3/4" (1924)	5'-8 5/16" (1750)	4'-4 2/16" (1332)	3'-0" (914)	No
		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 2/16" (1332)	3'-6" (1067)	No
		2500 IBC (1134) <sup>(10)</sup>	SSP	8'-9" (2667)	9'-3" (2819)	6'-3 3/4" (1924)	6'-3 3/4" (1924)	6'-11 4/16" (2127)	4'-4 2/16" (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'-5 19/32" (1971)	5'-0 29/64" (1536)	3'-6" (1067)	No
Front & Reverse Opening	SERVICE	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) <sup>(9)</sup>	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) <sup>(9)</sup>	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) <sup>(9)</sup>	Yes

Visit [kone.us](http://kone.us) for the latest project-specific details, CAD drawings, BIM models, CSI specifications, electrical data, reaction loads and building access requirements.

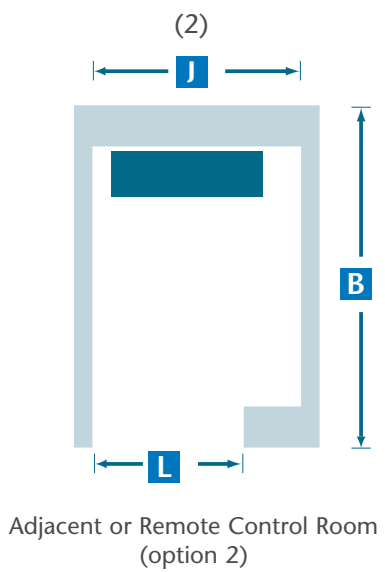
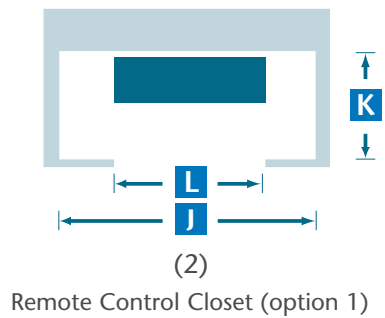
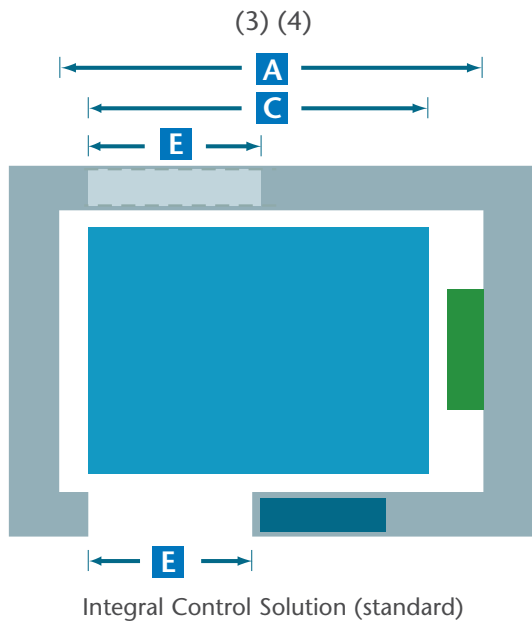
CLEAR OVERHEAD <sup>H</sup> AND PIT DEPTH <sup>I</sup>							
		150 FPM (0.75 M/S)		200 FPM (1.00 M/S)		350 FPM (1.78 M/S)	
CAPACITY LBS. (kg)	PIT DEPTH (mm)	CLEAR OVERHD (mm)	PIT DEPTH (mm)	CLEAR OVERHD (mm)	PIT DEPTH (mm)	CLEAR OVERHD (mm)	
2000 to 2500 (907 to 1134)	5'-0" (1524)	13'-0" (3962)	5'-0" (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)	DOOR WIDTH (mm)
2000 to 5000 AIA (907 to 2268)	remote closet	4'-0" (1219)	1'-8" (508)	3'-6" (1067)
2000 to 5000 AIA (907 to 2268)	adjacent or remote room	5'-0" (1524)	dimension (B)	3'-0" (914)

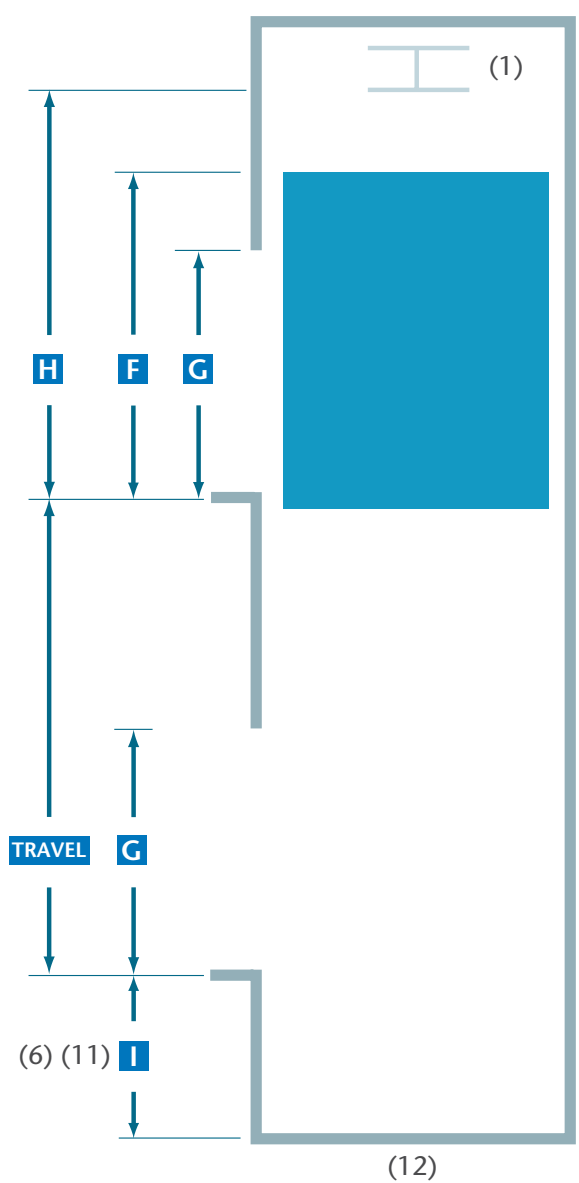
### Notes

- (1) A hoist beam (by KONE) is required for installation (by others). Dimension <sup>H</sup> 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 <sup>H</sup>, <sup>J</sup>, and <sup>L</sup>.
- (3) The published hoistway <sup>A</sup> 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 <sup>C</sup> and depth <sup>D</sup> dimensions represent the minimum clear inside requirements without raised panels. For interior width <sup>C</sup> and depth <sup>D</sup> 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 <sup>A</sup> 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 <sup>I</sup> dimension is based upon slide guides. For minimum pit depth <sup>I</sup> 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 <sup>H</sup>.
- (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.