



ARCHITECTURAL PLANNING GUIDE

REDEFINING ELEVATOR TECHNOLOGY

Deliver a user experience that inspires, informs, and delights. With KONE MonoSpace DX elevators you can harness the power of digitalization to take the elevator journey far beyond the ordinary.

Our goal is to create a user experience that both adds value to a building and maximizes comfort and safety for passengers.

Not only are our elevators now enabled with connectivity, we enhanced our elevator offering, so low, mid, and high rise buildings can take advantage of our technology. Our KONE MonoSpace 500 DX solution is enhanced to go higher and faster*.

KONE ECO-EFFICIENT SOLUTIONS

1 A green hoisting system

The KONE EcoDisc permanent-magnet synchronous motor, together with a vector-controlled drive system and regenerative options, delivers eco-efficient operation for every KONE DX elevator.

2 Regenerative drive

Regenerative drive technology recycles energy for immediate reuse within a building and can cut elevator energy consumption by up to 20%.**

3 Standby solutions

Lights, signalization and ventilation can consume a considerable amount of electricity even when the elevator is not moving. KONE's standby solutions cut energy consumption by powering down the equipment when it's not in use.

4 Eco-efficient car lighting

LED lighting is up to 80% more efficient and lasts up to 10 times longer than halogen lighting.

*Greater travel and speeds equal to or greater than 500 FPM available up to 3500 LBS in passenger elevator cars.

** Calculation based on the following: 3,500 lb. capacity, 350 fpm, 7 landings, 72 feet of travel and 200,000 starts per year.



KONE ELEVATORS

KONE MonoSpace® 300 DX

Application	Low rise
Type	Machine room-less
Powered by	KONE EcoDisc
Capacity	2000 - 3500 lbs. (907 - 1588kg)
Speed	150 fpm (.75 m/s)
Landings	2 to 4

The KONE MonoSpace 300 DX is a cost-effective elevator solution for low-rise buildings. It is durable, provides a wide range of cab interiors, stylish accessories, and easy to use signalization.

KONE MonoSpace® 500 DX

Application	Low- to mid-rise; new buildings
Type	Machine room-less
Powered by	KONE EcoDisc
Capacity	2000 – 5000 AIA lbs. (907 – 2268 kg)
Speed	150, 200, 350, 500* fpm (.75, 1.0, 1.78, 2.54 m/s)
Landings	5 to 36

The KONE MonoSpace 500 DX combines our proven eco-efficient technology with ride-comfort and design innovations.

*Greater travel and speeds equal to or greater than 500 FPM available up to 3500 LBS in passenger elevator cars.

KONE MonoSpace® Flex DX

Application	Low- to mid-rise; existing buildings
Type	Machine room-less
Powered by	KONE EcoDisc
Capacity	2000 – 5000 AIA lbs. (907 – 2268 kg)
Speed	150, 200, 350 fpm (.75, 1.0, 1.78 m/s)
Landings	2 to 15
Entrances	Option to reuse existing entrances
Flexible Platforms	With accommodation of reduced overhead dimension

KONE MonoSpace Flex DX is a turnkey full-replacement elevator solution for existing hydraulic and traction elevator systems.

KONE MonoSpace® 700 DX

Application	Mid- to high-rise
Type	Machine room-less
Powered by	KONE EcoDisc
Capacity	2000 – 5000 AIA lbs. (907 – 2268 kg)
Speed	200, 350, 500 fpm (1.00, 1.78, 2.54 m/s)
Landings	6 to 36

KONE MonoSpace 700 DX is a fully customizable machine room-less solution for mid- to high-rise applications.

KONE MiniSpace™ DX

Application	Mid- to high-rise
Type	Overhead machine room
Powered by	KONE EcoDisc
Capacity	2000 – 5000 AIA lbs. (907 – 2268 kg)
Speed	200, 350, 400, 500, 700 fpm (1.00, 1.78, 2.00, 2.54, 3.56 m/s)
Landings	6 to 63

KONE MiniSpace DX is an innovative, space efficient, mid-to high-rise solution.

KONE MONOSPACE® 300 DX

CONFIGURATIONS & DIMENSIONS

Max Travel⁽⁸⁾ 48 ft. [14.6 m]

Max Landings 4

Speed⁽⁸⁾

150 fpm
[.75 m/s]

Car Height (F)

7 ft. 6 in.
[2286 mm]

Entrance Height (G)

7 ft.
[2134 mm]

			(A)	(A) SEISMIC	(B)	(B) SEISMIC	(C)	(D)	(E)			
			CAPACITY LBS. (kg)	OPENING TYPE ⁽¹⁰⁾	HOISTWAY WIDTH (mm)	HOISTWAY WIDTH (mm)	HOISTWAY DEPTH (mm)	HOISTWAY DEPTH (mm)	INTERIOR WIDTH (mm)	INTERIOR DEPTH (mm)	DOOR WIDTH (mm)	STRETCHER ACCOMMODATION ⁽⁹⁾
FRONT OPENING	PASSENGER	2000 (907)	Side Opening	7'-4" (2235)	7'-9" (2362)	5'-9" (1753)	5'-9 1/2" (1766)	5'-8 7/8" (1750)	4'-4 7/16" (1332)	3'-0" (914)	NO	
		2500 (1134)	Side Opening or Center Opening	8'-4" (2540)	8'-9" (2667)	5'-9" (1753)	5'-9 1/2" (1766)	6'-8 7/8" (2055)	4'-4 7/16" (1332)	3'-6" (1067)	NO	
		3000 (1361)	Side Opening or Center Opening	8'-4" (2540)	8'-7" (2616)	6'-3" (1905)	6'-3 1/2" (1918)	6'-5 5/8" (1971)	5'-0 7/16" (1536)	3'-6" (1067)	NO	
		3500 (1588)	Side Opening or Center Opening	8'-4" (2540)	8'-7" (2616)	6'-11" (2108)	6'-11" (2108)	6'-5 5/8" (1971)	5'-6 5/8" (1693)	3'-6" (1067)	YES ⁽⁹⁾	
FRONT & REVERSE OPENING	PASSENGER	2000 (907)	Side Opening	7'-4" (2235)	7'-9" (2362)	6'-3 3/4" (1924)	6'-3 3/4" (1924)	5'-8 7/8" (1750)	4'-4 7/16" (1332)	3'-0" (914)	NO	
		2500 (1134)	Side Opening or Center Opening	8'-4" (2540)	8'-9" (2667)	6'-3 3/4" (1924)	6'-3 3/4" (1924)	6'-8 7/8" (2055)	4'-4 7/16" (1332)	3'-6" (1067)	NO	
		3000 (1361)	Side Opening or Center Opening	8'-4" (2540)	8'-7" (2616)	6'-11 3/4" (2127)	6'-11 3/4" (2127)	6'-5 5/8" (1971)	5'-0 7/16" (1536)	3'-6" (1067)	NO	
		3500 (1588)	Side Opening or Center Opening	8'-4" (2540)	8'-7" (2616)	7'-6" (2286)	7'-6" (2284)	6'-5 5/8" (1971)	5'-6 5/8" (1693)	3'-6" (1067)	NO	

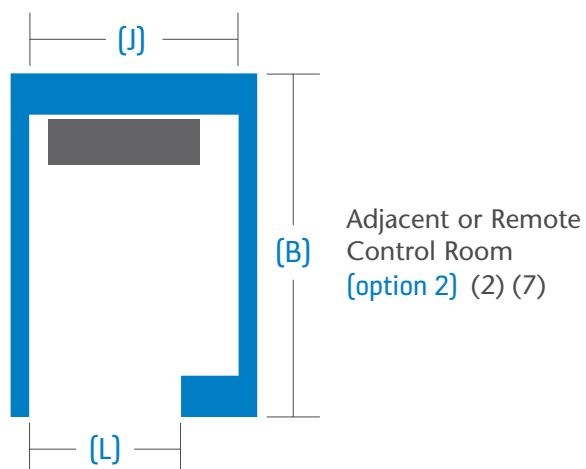
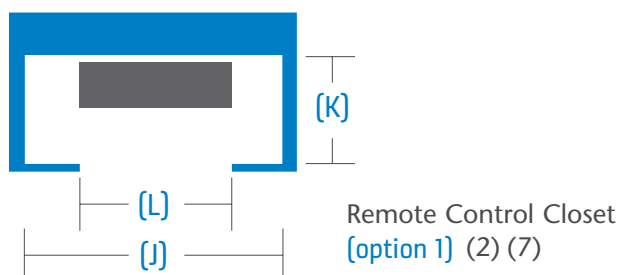
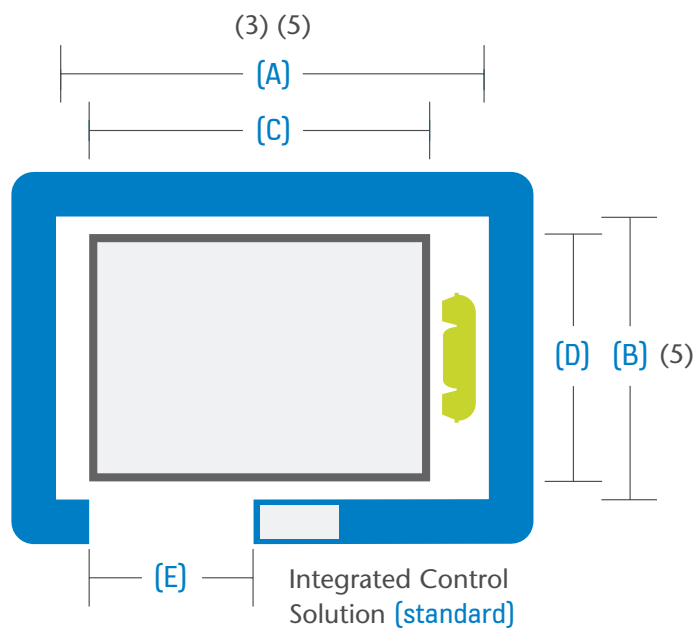
CLEAR OVERHEAD (H) AND PIT DEPTH (I)			CONTROL SPACE		(J)	(K)	(L)
CAPACITY LBS. (kg)	150 FPM [.75 m/s]		CAPACITY LBS. (kg)	CONTROLLER SPACE	WIDTH (mm)	DEPTH (mm)	DOOR WIDTH (mm)
	Pit Depth (mm)	Clear Overhead (mm)					
2000 to 3500 (907 to 1588)	5'-0" (1524)	11'-8" (3556) ⁽¹⁾	2000 to 3500 (907 to 1588)	Remote Closet	4'-1" (1245)	1'-8" (508)	3'-6" (1067)
			2000 to 3500 (907 to 1588)	Adjacent or Remote Room	5'-0" (1524)	Dimension (B)	3'-0" (914)

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

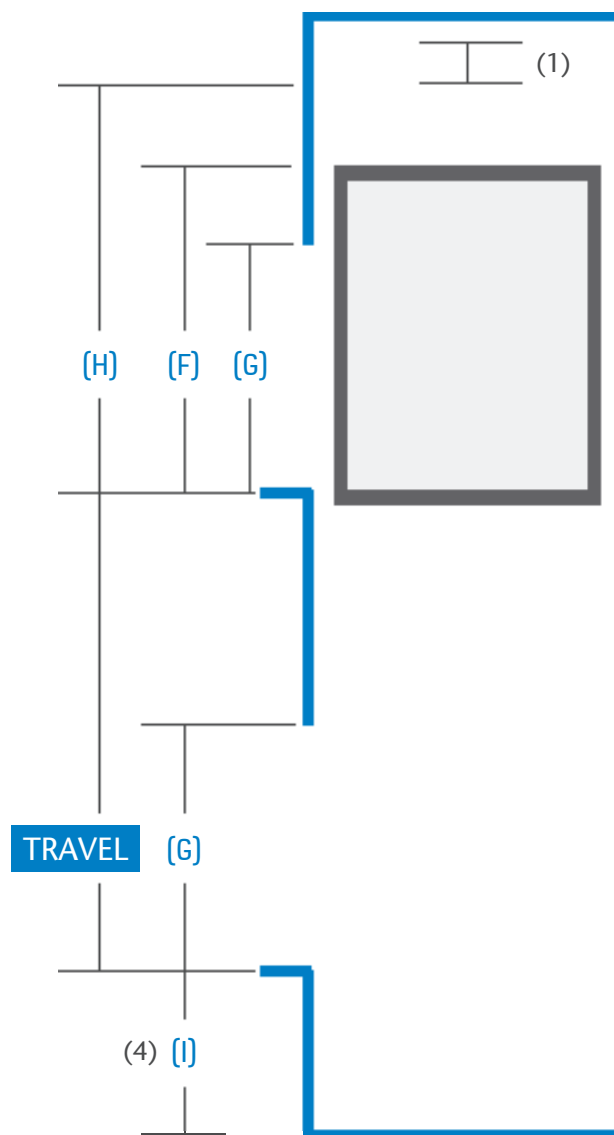
Notes

- (1) An 8" inch tall hoist beam is required for installation (by others). Dimension (H) reflects 11'-8" clearance under hoist beam. This clearance is available with a moveable hoist beam.
- (2) If an EBD (Emergency Battery Device) is required please contact your KONE Sales Professional for further detail regarding dimensions, (J) and (L).
- (3) The published hoistway (A) dimensions represent the minimum clear inside requirements. Construction efficiencies can be realized by increasing these dimensions by up to 2" (51 mm).
- (4) For pit depths less than 5' (1524 mm) please contact a KONE Sales Professional.
- (5) 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.
- (6) A pit ladder wall pocket may be required. Please contact a KONE sales Professional.
- (7) Contact your local KONE Sales Professional regarding local code variations when utilizing the integrated remote closet options.
- (8) If IBC (International Building Code) 2018 or ASME A17.1-2019/CSA B44-19 code is applicable, contact your local sales professional for controller space configurations.
- (9) Stretcher accessibility based only for side opening type and International / California Building Code specified 24 inch by 84 inch stretcher with 5 inch degree radius corners. Customers in Canada, please review stretcher compliance with your local sales representatives.
- (10) All KONE MonoSpace 300 DX elevators utilize a single speed door.

Plan Views



Section View



KONE MONOSPACE® 500 DX

CONFIGURATIONS & DIMENSIONS

Max Travel^[8] 150 ft. (45.7 m)

Max Landings^[8] 15

Speed^[8]

150, 200, 350 fpm
(.75, 1.0, 1.78 m/s)

Car Height (F)

8, 9 or 10 ft.
(2438, 2743 or 3048 mm)

Entrance Height (G)

7, 8 or 9 ft.
(2134, 2438 or 2743 mm)

				(A)	(A) SEISMIC	(B)	(B) SEISMIC	(C)	(D)	(E)	
		CAPACITY LBS. (kg)	OPENING TYPE¹	HOISTWAY WIDTH (mm)	HOISTWAY WIDTH (mm)	HOISTWAY DEPTH (mm)	HOISTWAY DEPTH (mm)	INTERIOR WIDTH (mm)	INTERIOR DEPTH (mm)	DOOR WIDTH (mm)	STRETCHER ACCOMMODATION¹⁰
		PASSENGER									
FRONT OPENING	PASSENGER	2000 (907)	SSP	7'-6" (2286)	7'-11" (2413)	5'-9" (1753)	5'-9 ½" (1766)	5'-8 ¾" (1750)	4'-4 ¾" (1332)	3'-0" (914)	No
		2500 (1134)	SSP / CO	8'-6" (2591)	8'-11" (2718)	5'-9" (1753)	5'-9 ½" (1766)	6'-8 ¾" (2055)	4'-4 ¾" (1332)	3'-6" (1067)	No
		2500 IBC (1134)¹⁰	SSP	8'-11" (2718)	9'-5" (2870)	5'-9" (1753)	5'-9 ½" (1766)	6'-11 ¾" (2128)	4'-4 ¾" (1332)	3'-6" (1067)	Yes
		3000 (1361)	SSP / CO	8'-6" (2591)	8'-9" (2667)	6'-3" (1905)	6'-3 ½" (1918)	6'-5 ¾" (1971)	5'-0 ¾" (1536)	3'-6" (1067)	No
		3500 (1588)	SSP / CO	8'-6" (2591)	8'-9" (2667)	6'-11" (2108)	6'-11" (2108)	6'-5 ¾" (1971)	5'-6 ¾" (1693)	3'-6" (1067)	Yes
		4000 (1814)	CO	9'-8" (2947)	9'-8" (2947)	6'-11" (2108)	6'-11" (2108)	7'-6 ½" (2304)	5'-6 ¾" (1693)	4'-0" (1219)	Yes
	SERVICE	4000 (1814)	2SP	7'-8" (2337)	7'-8" (2337)	9'-2" (2794)	9'-2" (2794)	5'-7 ½" (1705)	7'-7 ¾" (2334)	4'-0" (1219)	Yes
		4500 (2041)	2SP	7'-8" (2337)	7'-8" (2337)	9'-8" (2946)	9'-8" (2946)	5'-7 ½" (1705)	8'-1 ¾" (2486)	4'-0" (1219)	Yes
		5000 (2268)⁹	2SP	7'-10" (2388)	7'-10" (2388)	10'-2 ½" (3112)	10'-2 ½" (3112)	5'-7 ½" (1705)	8'-9 ½" (2685)	4'-6" (1372)⁹	Yes
		5000 AIA (2268)	2SP	7'-10 ⅞" (2396)	7'-11 ½" (2426)	10'-5 ½" (3177)	10'-5 ½" (3177)	5'-9 ⅞" (1764)	9'-0 ⅞" (2755)	4'-6" (1372)⁹	Yes
FRONT & REVERSE OPENING	PASSENGER	2000 (907)	SSP	7'-6" (2286)	7'-11" (2413)	6'-3 ¾" (1924)	6'-3 ¾" (1924)	5'-8 ¾" (1750)	4'-4 ¾" (1332)	3'-0" (914)	No
		2500 (1134)	SSP / CO	8'-6" (2591)	8'-11" (2718)	6'-3 ¾" (1924)	6'-3 ¾" (1924)	6'-8 ¾" (2055)	4'-4 ¾" (1332)	3'-6" (1067)	No
		2500 IBC (1134)⁵¹⁰	SSP	8'-11" (2718)	9'-5" (2870)	6'-3 ¾" (1924)	6'-3 ¾" (1924)	6'-11 ¾" (2128)	4'-4 ¾" (1332)	3'-6" (1067)	Yes
		3000 (1361)	SSP / CO	8'-6" (2591)	8'-9" (2667)	6'-11 ¾" (2127)	6'-11 ¾" (2127)	6'-5 ¾" (1971)	5'-0 ¾" (1536)	3'-6" (1067)	No
		3500 (1588)¹⁰	SSP / CO	8'-6" (2591)	8'-9" (2667)	7'-6" (2286)	7'-6" (2286)	6'-5 ¾" (1971)	5'-6 ¾" (1693)	3'-6" (1067)	Yes*
		4000 (1814)	CO	9'-8" (2947)	9'-8" (2947)	7'-6" (2286)	7'-6" (2286)	7'-6 ½" (2304)	5'-6 ¾" (1693)	4'-0" (1219)	Yes
	SERVICE	4000 (1814)	2SP	7'-8" (2337)	7'-8" (2337)	10'-2 ½" (3102)	10'-2 ½" (3102)	5'-7 ½" (1705)	7'-7 ¾" (2334)	4'-0" (1219)	Yes
		4500 (2041)	2SP	7'-8" (2337)	7'-8" (2337)	10'-8 ½" (3252)	10'-8 ½" (3252)	5'-7 ½" (1705)	8'-1 ¾" (2486)	4'-0" (1219)	Yes
		5000 (2268)⁹	2SP	7'-10" (2388)	7'-10" (2388)	11'-3 ¾" (3451)	11'-3 ¾" (3451)	5'-7 ½" (1705)	8'-9 ½" (2685)	4'-6" (1372)⁹	Yes
		5000 AIA (2268)	2SP	7'-10 ⅞" (2396)	7'-11 ½" (2426)	11'-6 ⅞" (3522)	11'-6 ⅞" (3522)	5'-9 ⅞" (1764)	9'-0 ⅞" (2755)	4'-6" (1372)⁹	Yes

† SSP = Single Speed Side Opening / CO = Single Speed Center Opening / 2SP = Two Speed Side Opening

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CLEAR OVERHEAD (H) AND PIT DEPTH (I)						
CAPACITY LBS. (kg)	150 FPM (0.75 M/S)		200 FPM (1.00 M/S)		350 FPM (1.78 M/S)	
	PIT DEPTH (mm)	CLEAR OVERHEAD (mm)	PIT DEPTH (mm)	CLEAR OVERHEAD (mm)	PIT DEPTH (mm)	CLEAR OVERHEAD (mm)
2000 to 2500 (907 to 1134)	5'-0" (1524)	13'-0" (3962)	5'-0" (1524)	13'-4" (4064)	5'-6" (1676)	13'-6" (4115)
3000 to 3500 (1361 to 1588)	5'-0" (1524)	13'-0" (3962)	5'-0" (1524)	13'-4" (4064)	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)

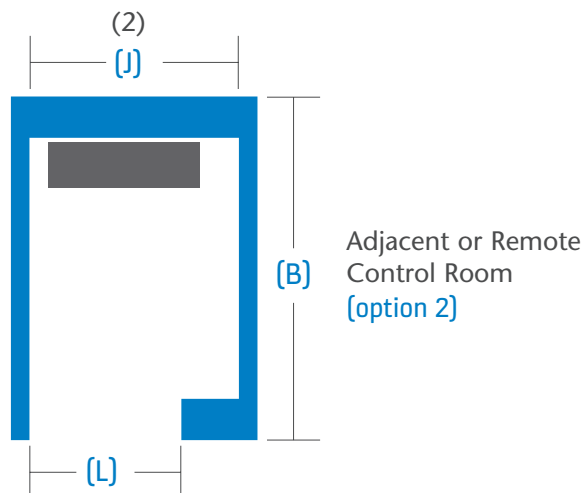
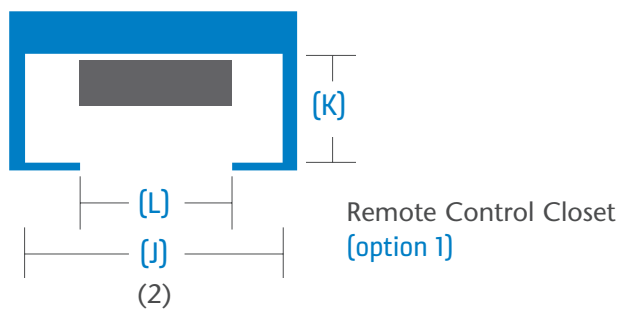
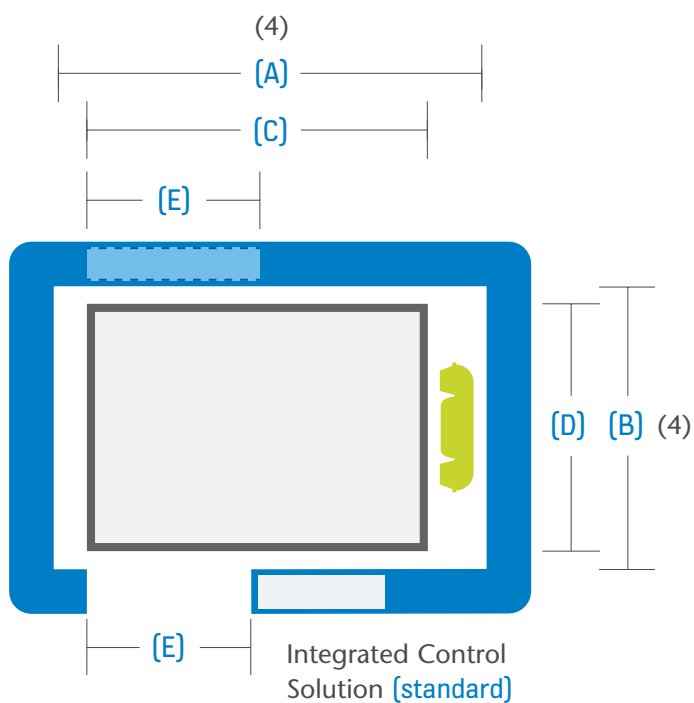
CONTROL SPACE ⁽¹¹⁾		[J]		[K]	[L]
CAPACITY LBS. (kg)	CONTROLLER SPACE	WIDTH (mm)	DEPTH (mm)	DOOR WIDTH (mm)	
2000 to 5000 AIA (907 to 2268)	Remote Room	4'-1" (1245) ⁽¹¹⁾	1'-8" (508) ⁽¹¹⁾	3'-6" (1067) ⁽¹¹⁾	
2000 to 5000 AIA (907 to 2268)	Adjacent or Remote Room	5'-0" (1524)	Dimension [B]	3'-0" (914) ⁽¹¹⁾	

Notes

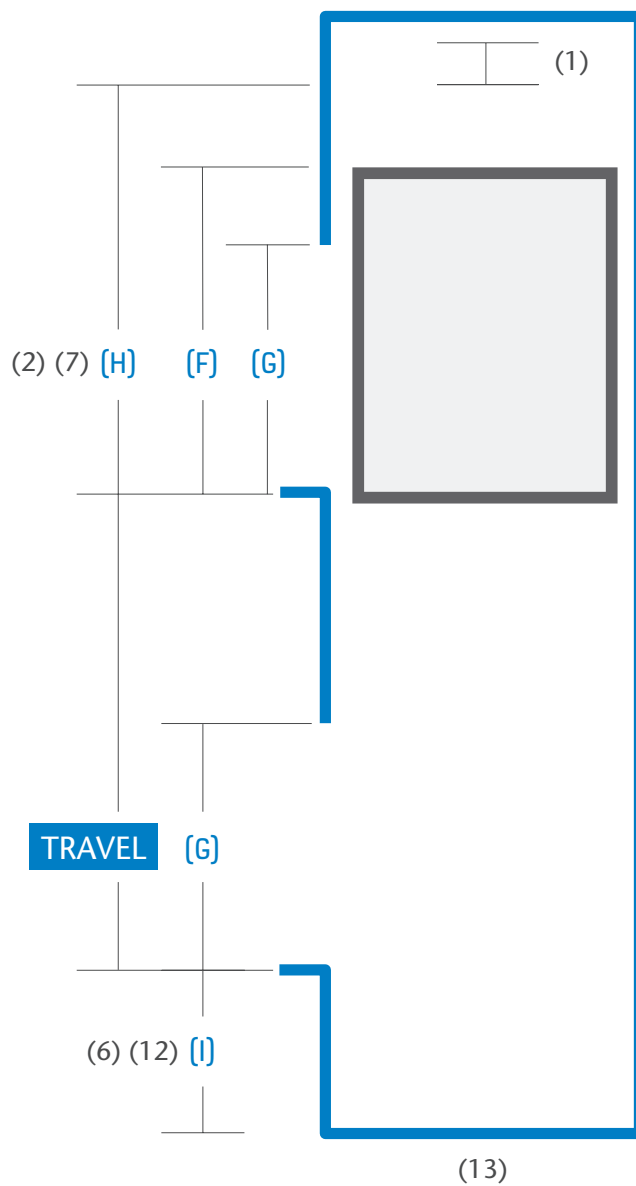
- (1) A hoist beam (by KONE) is required for installation (by others). Dimension [H] reflects clear under hoist beam.
- (2) If an Emergency Battery Device (EBO) or KONE Destination is required, please contact your KONE Sales Professional for further detail regarding dimensions [H], [J] and [L].
- (3) The published [A] hoistway dimension represents the optimum clear inside requirements and maybe reduced by up to 2" (51mm). However, this may result in construction inefficiencies.
- (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 (International Building Code) 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 building code (IBC) and California Building Code specified, 24 inch by 84 inch stretcher - with 5-inch radius corners. Elevator car must utilize a side slide door with the exception of the 4000 LB. passenger shaped car. In Canada (NBCC) 2500 LB. and larger elevators with single slide doors meet Canadian stretcher rule of 2010mm x 610mm.
- (11) If IBC (International Building Code) 2018 or ASME A17.1-2019/CSA B44-19 code is applicable, contact your local sales professional for controller space configurations.

*3,500 LB. Front / reverse elevators needs to have diagonal opposed doors and a wider recommend hoistway width of 8'-11" (9'-1" if seismic) to accommodate a stretcher. Please contact a KONE Sales Professional for more information.

Plan Views



Section View



Notes, continued:

Please consult a KONE Sales Professional regarding:

- (12) Pit depths less than 5'-0" (1524 mm).
- (13) Occupied space beneath the hoistway.
- (14) Local code variations when utilizing the integrated, integral and remote closet options.

KONE MONOSPACE® 500 DX

CONFIGURATIONS & DIMENSIONS

Max Travel 350 ft. (106.7 m)

Max Landings 36

Speed

500, 700 fpm
(2.54, 3.55 m/s)

Car Height (F)

8, 9 or 10 ft.
(2438, 2743 or 3048 mm)

Entrance Height (G)

7, 8 or 9 ft.
(2134, 2438 or 2743 mm)

			(A)	(A) SEISMIC	(B)	(B) SEISMIC	(C)	(D)	(E)		
FRONT OPENING	PASSENGER	CAPACITY LBS. (kg)	OPENING TYPE [†]	HOISTWAY WIDTH (mm)	HOISTWAY WIDTH (mm)	HOISTWAY DEPTH (mm)	HOISTWAY DEPTH (mm)	INTERIOR WIDTH (mm)	INTERIOR DEPTH (mm)	DOOR WIDTH (mm)	STRETCHER ACCOMMODATION ⁽⁷⁾
		2000 (907)	SSP	8'-1 1/4" (2472)	8'-3 5/8" (2531)	5'-11 5/8" (1821)	6'-0 1/2" (1843)	5'-8 7/8" (1750)	4'-4 7/16" (1332)	3'-0" (914)	No
		2500 (1134)	SSP / CO	9'-1 3/8" (2777)	9'-3 5/8" (2835)	5'-11 5/8" (1821)	6'-0 1/2" (1843)	6'-8 7/8" (2055)	4'-4 7/16" (1332)	3'-6" (1067)	No
		2500 IBC (1134) ⁽⁷⁾	SSP	9'-4 1/8" (2849)	9'-6 1/2" (2908)	5'-11 5/8" (1821)	6'-0 1/2" (1843)	6'-11 3/4" (2128)	4'-4 7/16" (1332)	3'-6" (1067)	Yes
		3000 (1361)	SSP / CO	8'-10" (2693)	9'-0" (2743)	6'-8 1/8" (2035)	6'-9" (2057)	6'-5 5/8" (1971)	5'-0 7/16" (1536)	3'-6" (1067)	No
		3500 (1588)	SSP / CO	8'-10" (2693)	9'-0" (2743)	7'-3" (2210)	7'-4" (2235)	6'-5 5/8" (1971)	5'-6 5/8" (1693)	3'-6" (1067)	Yes
		4000 (1814)	CO	9'-11 1/8" (3026)	10'-0 3/4" (3068)	7'-3" (2210)	7'-4" (2235)	7'-6 1/16" (2304)	5'-6 5/8" (1693)	4'-0" (1219)	Yes
		FRONT & REVERSE OPENING	PASSENGER	2000 (907)	SSP	8'-1 1/4" (2472)	8'-3 5/8" (2531)	6'-3 3/4" (1924)	6'-3 3/4" (1924)	5'-8 7/8" (1750)	4'-4 7/16" (1332)
2500 (1134)	SSP / CO			9'-1 3/8" (2777)	9'-3 5/8" (2835)	6'-3 3/4" (1924)	6'-3 3/4" (1924)	6'-8 7/8" (2055)	4'-4 7/16" (1332)	3'-6" (1067)	No
2500 IBC (1134) ⁽⁵⁾⁽⁷⁾	SSP			9'-4 1/8" (2848)	9'-6 1/2" (2908)	6'-3 3/4" (1924)	6'-3 3/4" (1924)	6'-11 3/4" (2128)	4'-4 7/16" (1332)	3'-6" (1067)	Yes
3000 (1361)	SSP / CO			8'-10" (2693)	9'-0" (2743)	6'-11 3/4" (2127)	6'-11 3/4" (2127)	6'-5 5/8" (1971)	5'-0 7/16" (1536)	3'-6" (1067)	No
3500 (1588) ⁽⁷⁾	SSP / CO			8'-10" (2693)	9'-0" (2743)	7'-6" (2286)	7'-6" (2286)	6'-5 5/8" (1971)	5'-6 5/8" (1693)	3'-6" (1067)	Yes*
4000 (1814)	CO			9'-11 1/8" (3026)	10'-0 3/4" (3068)	7'-6" (2286)	7'-6" (2286)	7'-6 1/16" (2304)	5'-6 5/8" (1693)	4'-0" (1219)	Yes

† SSP = Single Speed Side Opening / CO = Single Speed Center Opening

CLEAR OVERHEAD [H] AND PIT DEPTH [I]		500 FPM (2.54 M/S)		700 FPM (3.55 M/S)	
CAPACITY LBS. (kg) FT. (m)		PIT DEPTH (mm)	CLEAR OVERHD (mm)	PIT DEPTH (mm)	CLEAR OVERHD (mm)
2000 to 3500 ≤ 150 ft (1588) (45.7)		5'-11" (1803)	17'-2" (5232)	9'-8" (2946)	17'-2" (5232)
2000 to 3500 > 150 ft (1588) (45.7)		6'-8" (2032)	17'-2" (5232)	10'-5" (3175)	17'-2" (5232)
4000 ≤ 150 ft (1814) (45.7)		5'-11" (1803)	17'-2" (5232)	-	-
4000 > 150 ft (1814) (45.7)		6'-8" (2032)	17'-2" (5232)	-	-

CONTROL SPACE		[J]	[K]	[L]
CAPACITY LBS. (kg)	CONTROLLER SPACE	WIDTH (mm)	DEPTH (mm)	DOOR WIDTH (mm)
2000 to 4000 (907 to 1814)	Jamb Mounted Integrated Control Solution ⁽¹²⁾	—	1'-2 1/4" (362)	—
2000 to 4000 (907 to 1814)	Remote Room	4'-1" (1245) ⁽¹¹⁾	1'-8" (508) ⁽¹¹⁾	3'-6" (1067) ⁽¹¹⁾
2000 to 4000 (907 to 1814)	Adjacent or Remote Room	5'-0" (1524)	Dimension [B]	3'-0" (914) ⁽¹¹⁾

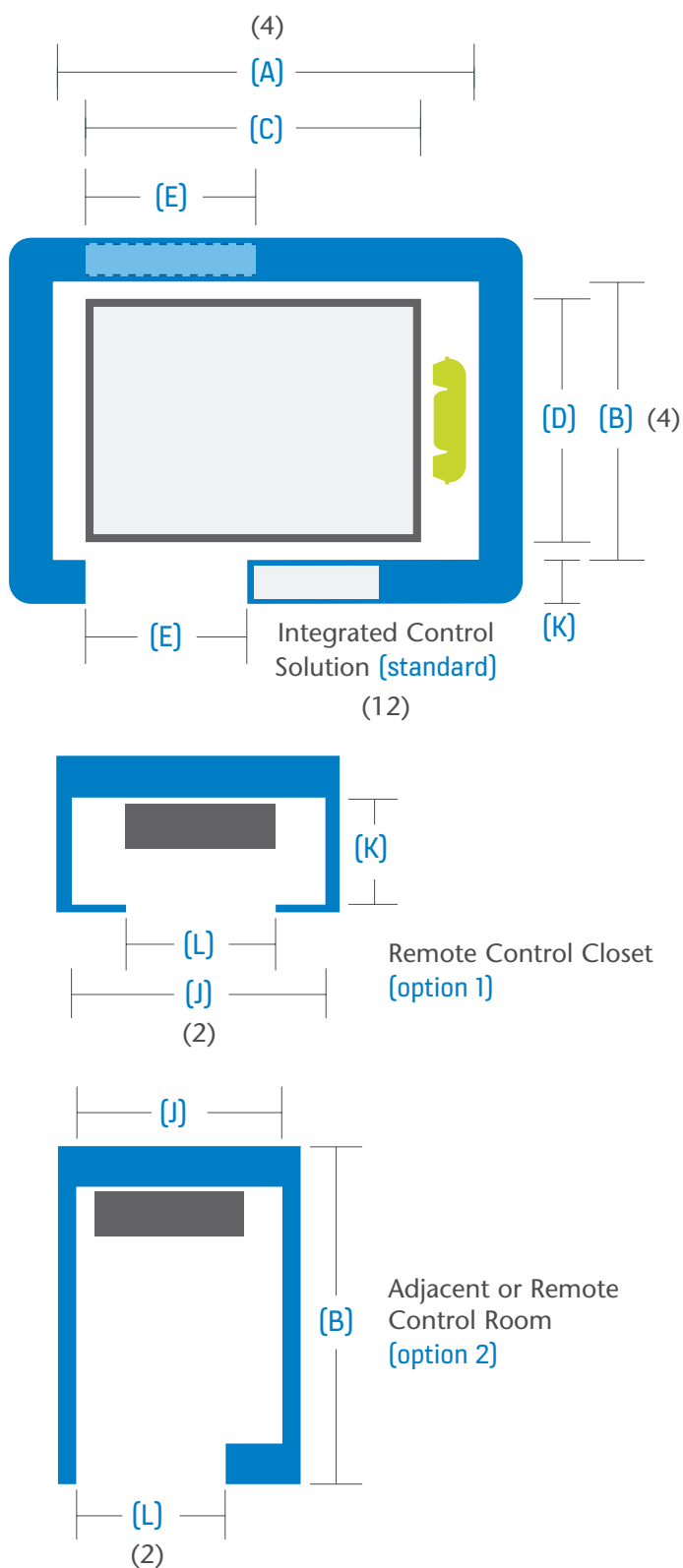
Visit kone.us for the latest project-specific details, CAD drawings, BIM models, CSI specifications, electrical data, reaction loads and building access requirements.

Notes

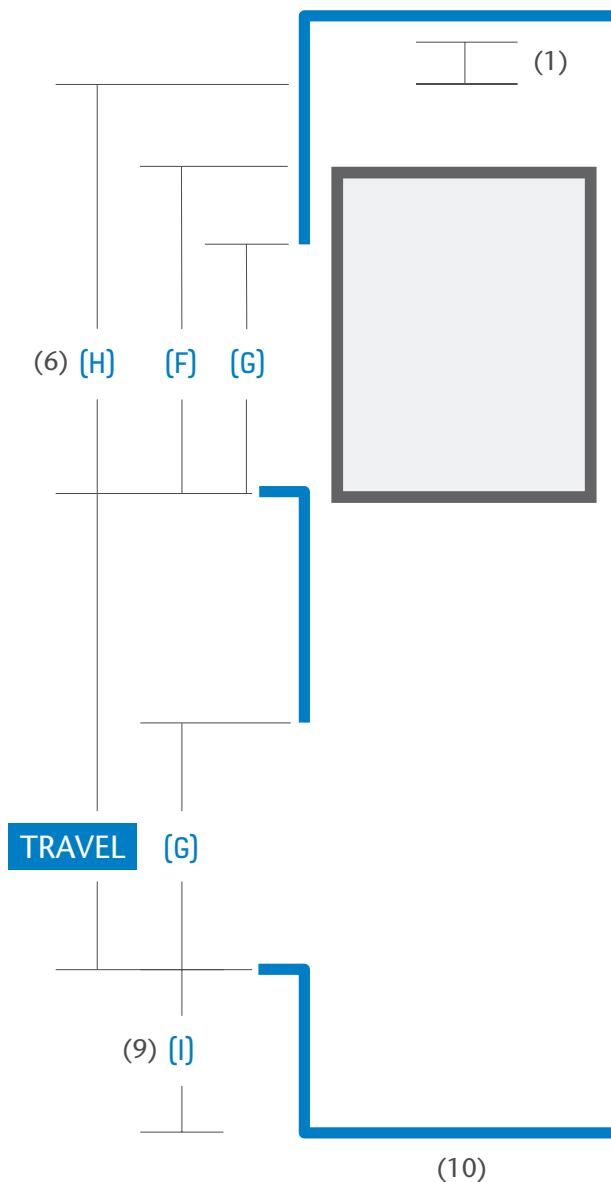
- (1) A hoist beam (by KONE) is required for installation (by others). Dimension [H] reflects clear under hoist beam.
- (2) If an Emergency Battery Device (EBD) or KONE Destination is required, please contact your KONE Sales Professional for further detail regarding dimensions [J] and [L].
- (3) The published [A] hoistway dimension represents the optimum clear inside requirements and maybe reduced by up to 2" (51mm). However, this may result in construction inefficiencies.
- (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) 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].
- (7) Stretcher accessibility based on international building code (IBC) 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. In Canada (NBCC) 2500 LB. and larger elevators with single slide doors meet Canadian stretcher rule of 2010mm x 610mm.
- (8) If IBC 2018 or ASME A17.1-2019/CSA B44-19 code is applicable, contact your local sales professional for controller space configurations.

*3500LB front / reverse elevator needs to have diagonal opposed doors and a wider recommend hoistway width of 8'-11" (9'-1" if seismic) to accommodate a stretcher. Please contact a KONE Sales Professional for more information.

Plan Views



Section View



Notes, continued:

Please consult a KONE Sales Professional regarding:

- (9) Smaller pit and overhead dimensions may be available per specific applications.
- (10) Occupied space beneath the hoistway is not allowed.
- (11) Local code variations when utilizing the integrated, integral and remote closet options.
- (12) Integrated Control Solution requires ≥ 460 V3 phase power.



KONE provides innovative and eco-efficient solutions for elevators, escalators and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way: from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace® DX, KONE EcoMod® and KONE UltraRope®.

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