

Nextra[®]

GEARLESS. GREENER. FASTER. HIGHER.



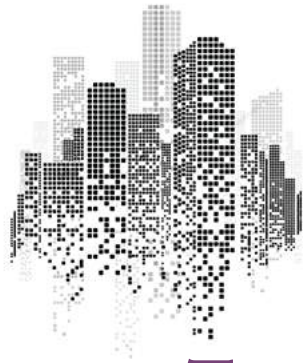
Perfecting the Art of Vertical Mobility



- ▲ Johnson Lifts are the pioneers in vertical transportation over 6 decades in India.
- ▲ Number one in sales volume since 2009.
- ▲ 300,000 square metres is the total area of our three lift factories with a combined manufacturing capacity of over 18,000+ units/ annum.
- ▲ We have fourteen lift models to suit every budget and need.
- ▲ Currently, we have over 1,00,000+ units under Annual Maintenance Contracts in India.
- ▲ Johnson manufactures heavy duty escalators in a 20,000 square metre factory in Chennai.
- ▲ We offer a wide range of escalators and travelators to cater to the needs of every sector.
- ▲ We operate from 80+ branches in India and 10+ offices overseas, with over 9,000+ Employees worldwide.



At 155 feet, one of the tallest lift testing towers in India at our Chennai factory.



THE INSIDE STORY

Nextra is manufactured at Johnson's three lift factories: two units in Chennai and one in Nagpur. The facilities are world-class in every way, from cutting-edge equipment to quality processes, and from the skills of our manpower to the brains in R&D. So when you buy a Nextra, you get the best in the world.



Hi-speed auto-loading CNC turret punch in action



Micron-accurate CNC press brake



The Salvagnini automatic line.



Nextra is the next generation in vertical transportation brought to you by Johnson Lifts. The heart of Nextra is a rare earth permanent magnet synchronous motor. This combined with the VVVF drive gives Nextra breakthrough advantages.

Save Energy

Nextra reduces your power consumption by 60%. The gearless motor increases efficiency around 80% by:

- Reducing start up current
- Saving electricity - the busier, the lift the more the saving as a result of high efficiency.
- Less heat generation and greater mechanical efficiency of motor as it runs at a lower rpm.

Save the Environment

Nextra is a green lift for greener buildings. In addition to the energy advantage, Nextra's gearless motor requires no lubrication and zero maintenance. No oil means no pollution.

Smoother Ride

The speed control works with closed loop feedback from the encoder to ensure safe and very smooth travel.

Save in the Future

Nextra's gearless motor is a wonder of modern technology with only one moving part and the bearings completely sealed. It generates higher lift travelling speeds at much lower motor speed.

All this adds up to trouble-free, smooth operation for decades to come.



TFT Colour Display

Easily customisable to display notices and advertisements.

VVVF Controller

This world leading technology comes standard in all Nextra lifts. The Variable Voltage Variable Frequency (VVVF) control, ensures 50% energy savings. It also creates comfortable ride quality with jerk-free starts and stops; Smooth acceleration and deceleration, and no landing variations, time after time. In the long run, this prevents wear and tear of components, which means less downtime and huge savings on spares.

VVVF Door Controller

Silken smooth door movement. Advanced features like adjustable independent times for opening and closing. Slow-nudging feature ideal for high traffic situations.

Stainless Steel Buttons

Sophisticated design - buttons flush with backplate. Orange LED illumination. Highly tamper resistant

Superior on all Counts

	Geared Machine	PMSM Gearless Machine
Nominal rotate speed (rpm)	1305	167
Motor capacity (kw)	19	11.5
Nominal current (amps)	40	26
Oil consumption (ltr)	15	0
Weight of the machine (kgs)	1200	320

Overload Indicator

When the lift is overloaded, there is an audible “overload” announcement as well as a message in the display panel.

Fireman Switch

To enable fire-service personnel to take over complete control over one or more lifts.

Floor Annunciator

Recorded voice announces the floor number on arrival. Accompanied by pleasant music.

Hall Lantern with gong

Landing fixture with illuminated arrow to indicate the direction in which the lift is heading and ringing tone is sounded as the lift stops at the landing.

ARD

Automatic Rescue Device - Automatically takes the lift to the nearest level in the case of a power interruption.

Door Frame

Only Johnson Lifts come with door frames in Decorative Laminated Steel Sheet (DLSS) that gives strength as well as an elegant appearance.

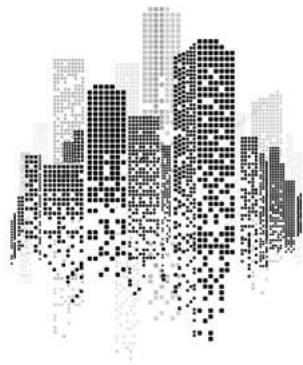
Full Height Car Fixture

Designed specially for high-rise buildings. With Press & Speak facility and overload indicator.



Infra Red Screen Sensor

Diagrammatic representation of the curtain of 212 infra red beams that prevents accidental closing of the door.



NEXTRA GALLERY



As you turn the page, imagine you are stepping into a wonderland of lifts. Here, you can choose from the most luxurious finishes, hi-tech operating panels; sleek false ceilings and more. The best the world has to offer for your most exclusive customers.

Select from the range of options and create your own work of “art”!

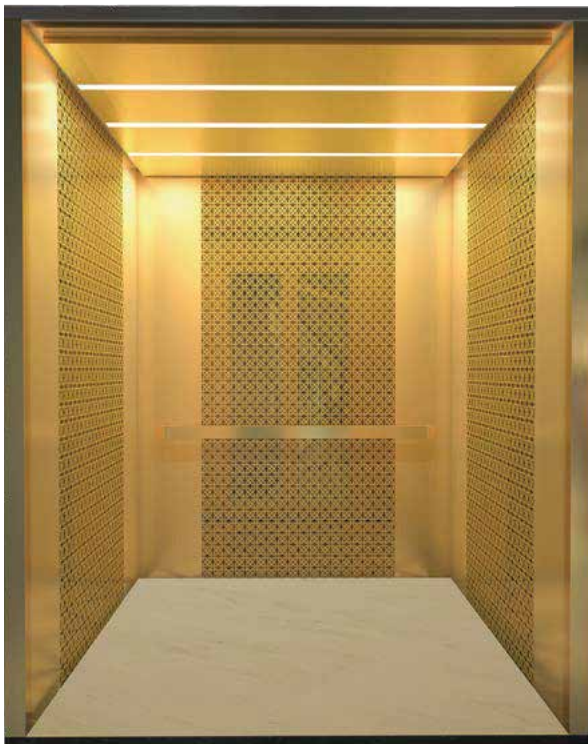
ANTHRACITE GREY



CEDAR



ETCHED GOLD



TEAK & HAIRLINE



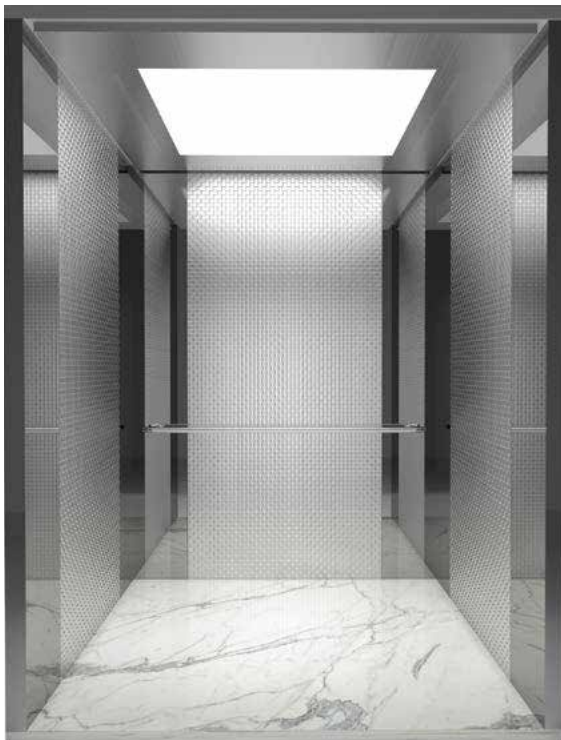
SS HAIRLINE



ETCHED WHITE



DAMA



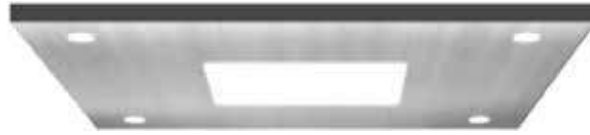
HONEYCOMB



NARROW DOOR JAMB



CEILINGS



JLFC01 Sleek Rectangular
with Crossflow Fan (Optional)



JLFC02 Premium Sleek Rectangular
with Crossflow Fan (Optional)



JLFC03 Sleek Small Circular /
Square Diffuser (Optional)



JLFC04 Premium Strip Ceiling
with Crossflow Fan (Optional)



JLFC08 - Sleek Small Circular
with Crossflow Fan

Finish : Single finish only possible for all of the above as per car panel finish

BUTTONS



JLBT01 Round



JLBT01 Round
Tactile (Optional)

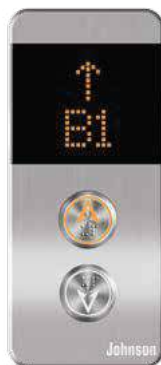


JLBT03 Oval

LANDING OPERATING PANELS



JLLP01
Grouting
(Optional)



JLLP03
Surfacemount
(Optional)



JLLP04
Grouting - Premium
(Optional)



JLLP05
Surfacemount

HALL LANTERNS



JLHL01 - Standard
Horizontal



JLHL02 - Premium Horizontal
without display (Optional)

DISPLAYS



JLDP01 Orange Square Dot Matrix (OSDM)



JLDP03 LCD 5" (Optional)



JLDP04 TFT 4.3" Horizontal (Optional)



JLDP04 TFT 4.3" (Optional)



JLDP05 TFT 7" Vertical (Optional)

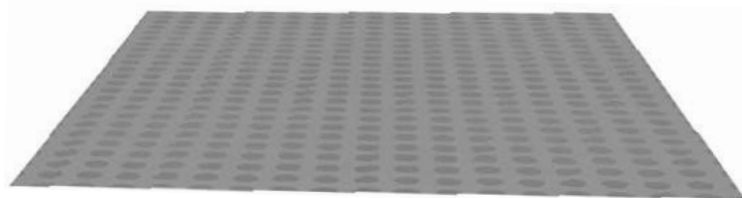


JLDP05 TFT 7" Horizontal (Optional)



JLDP06 TFT 10" (Optional)

FLOORING



JLFL 01 PVC



JLFL 02 Chequered Plate (MS / ALUM / SS) (Optional)
Standard - 3mm thickness (6mm thickness - optional)

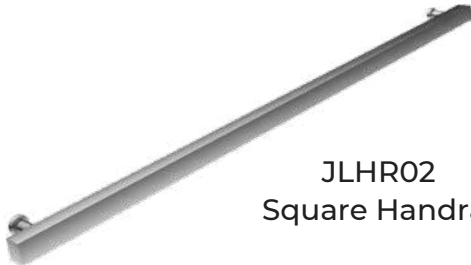


JLFL 03 Pergo (Wooden) (Optional)

HANDRAILS



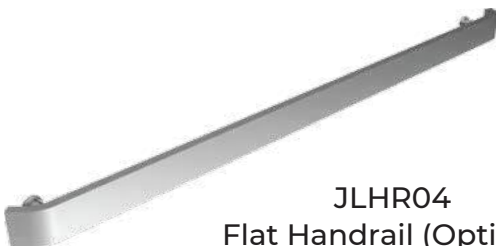
JLHR01
Round Handrail



JLHR02
Square Handrail



JLHR03 Round Handrail
(Physically Challenged)



JLHR04
Flat Handrail (Optional)



JLHR05 Tri Round
Handrail (Optional)

CAR OPERATING PANELS



JLCP01



JLCP02



JLCP03
(Optional)

* COP: JLCP01 Can be utilized for up to 14 stops.

* JLCP01: Not suitable for physically challenged requirements.



NEXTRA SPECIFICATIONS

CENTRE-OPENING DOOR LIFT (1.00 - 1.75 MPS)

Load		Speed in m/s	Car Inside		Lift Well		Entrance
Persons	Kgs		A	B	C	D	E
6	408	1.00 TO 1.75	1100	1000	1550	1600	700
			1200	900	1750	1500	800
8	544	1.00 TO 1.75	1300	1100	1750	1700	800
			1400	1000	1800	1600	
10	680	1.00 TO 1.75	1300	1350	2100	1800	800
			1400	1250	2150	1750	
13	884	1.00 TO 1.75	2000	1100	2450	1700	900 [#]
			1100	2000	2100	2400	900
15	1020	1.00 TO 1.75	2000	1200	2450	1800	1000
			1200	2000	2250	2400	
16	1088	1.00 TO 1.75	2000	1300	2450	1900	1000
			1300	2000	2300	2400	
20	1360	1.00 TO 1.75	2000	1500	2450	2100	1000
			1500	2000	2350	2400	
24	1632	1.00 TO 1.75	2000	1750	2500	2350	1000
			1500	2400	2350	2850	
26	1768	1.00 TO 1.75	1500	2500	2400	2900	1000
			1600	2400	2500	2800	
			1900	2000	2800	2400	



NEXTRA SPECIFICATIONS

SIDE-OPENING DOOR LIFT (1.00 - 1.75 MPS)

Load		Speed in m/s	Car Inside		Lift Well		Entrance
Persons	Kgs		A	B	C	D	E
6	408	1.00 TO 1.75	1200	900	1600	1600	800
			1100	1000	1500	1700	
8	544	1.00 TO 1.75	1300	1100	1700	1800	800
			1200	1200	1600	1900	
10	680	1.00 TO 1.75	1300	1350	2050	1900	800
			1400	1250	2150	1850	
13	884	1.00 TO 1.75	2000	1100	2400	1800	900 [#]
			1100	2000	1850	2500	
15	1020	1.00 TO 1.75	2000	1200	2450	1900	1000
			1200	2000	2000	2500	
16	1088	1.00 TO 1.75	2000	1300	2450	2000	1000
			1300	2000	2100	2500	
20	1360	1.00 TO 1.75	2000	1500	2450	2200	1000
			1500	2000	2250	2500	
24	1632	1.00 TO 1.75	2000	1750	2500	2450	1000
			1500	2400	2250	2950	
26	1768	1.00 TO 1.75	1500	2500	2300	3000	1000
			1600	2400	2400	2900	
			1900	2000	2700	2500	

Speed in m.p.s	Capacity	Pit Height (mm)	Car Height (CH)	Overhead Height (mm)	Clear Opening (H)	Minimum Floor to Floor Height (mm)	Below Lintel Height
1.25	6P to 26P	1500	2200 to 2600	CH + 2000	2000 to 2400	H + 750	H + 125
1.75	6P to 13P	1600		CH + 2600			
	15P to 26P	1800		CH + 2600			

#1000mm clear opening possible with additional cost (optional)

CENTRE-OPENING DOOR LIFT (2 MPS)

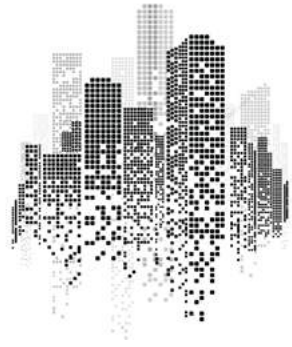
Load		Speed in m/s	Car Inside		Lift Well		Entrance
Persons	Kgs		A	B	C	D	E
8	544	2.0	1300	1100	1800	1760	800
			1400	1000	1900	1660	800
10	680	2.0	1300	1350	1800	2010	800
			1400	1250	1900	1910	800
13	884	2.0	2000	1100	2500	1760	900 [#]
			1100	2000	2060	2400	900
15	1020	2.0	2000	1200	2500	1875	1000
			1200	2000	2220	2400	1000
16	1088	2.0	2000	1300	2500	1975	1000
			1300	2000	2270	2400	1000
20	1360	2.0	2000	1500	2600	2185	1000
			1500	2000	2400	2400	1000
24	1632	2.0	2000	1800	2600	2500	1000
			1500	2400	2450	2800	1000
26	1768	2.0	2000	1900	2600	2600	1000
			1600	2400	2550	2800	1000

SIDE-OPENING DOOR LIFT (2 MPS)

Load		Speed in m/s	Car Inside		Lift Well		Entrance
Persons	Kgs		A	B	C	D	E
8	544	2.0	1300	1100	1800	1835	800
			1200	1200	1700	1935	800
10	680	2.0	1300	1350	1800	2085	800
			1400	1250	1900	1985	800
13	884	2.0	2000	1100	2500	1835	900 [#]
			1100	2000	1820	2500	
15	1020	2.0	2000	1200	2500	1955	1000
			1200	2000	1950	2500	1000
16	1088	2.0	2000	1300	2500	2055	1000
			1300	2000	2050	2500	1000
20	1360	2.0	2000	1500	2600	2265	1000
			1500	2000	2280	2500	1000
24	1632	2.0	2000	1800	2600	2600	1000
			1500	2400	2450	2900	1000
26	1768	2.0	2000	1900	2600	2700	1000
			1600	2400	2550	2900	1000

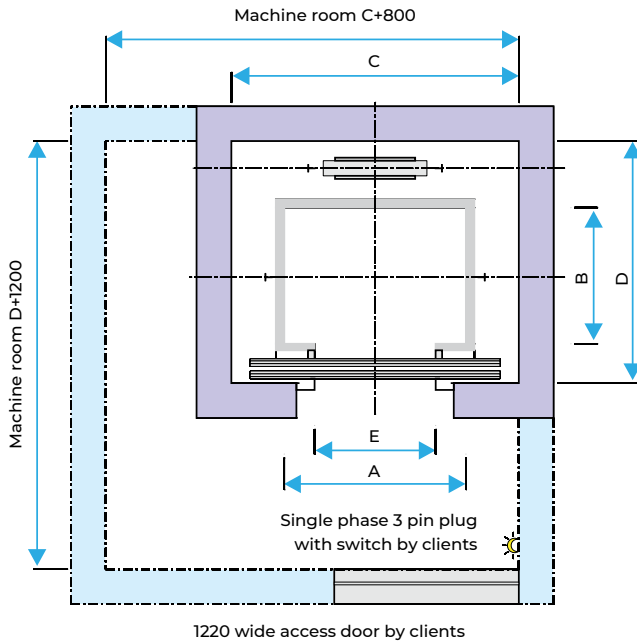
Speed in m.p.s	Capacity	Pit Height (mm)	Car Height (CH)	Overhead Height (mm)	Clear Opening (H)	Minimum Floor to Floor Height (mm)	Below Lintel Height
2	8P to 26P	2200	2200 to 2600	CH + 3000	2000 to 2400	H + 750	H + 125

#1000mm clear opening possible with additional cost (optional)

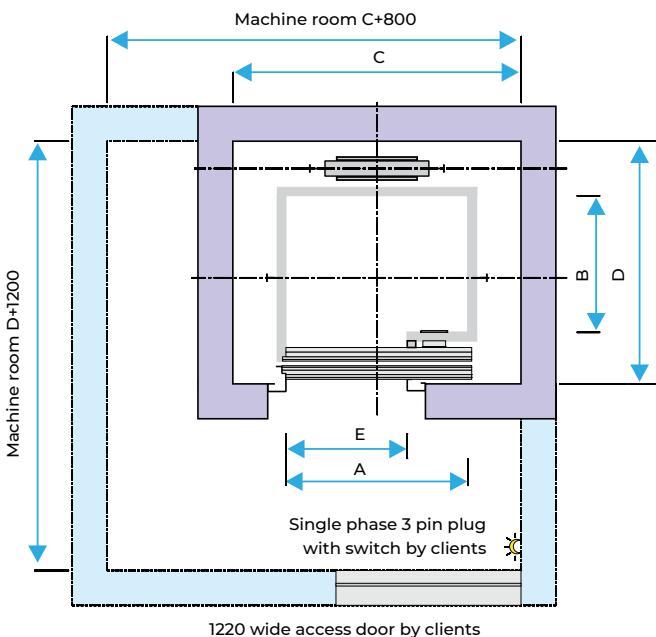


NEXTRA DIAGRAMS

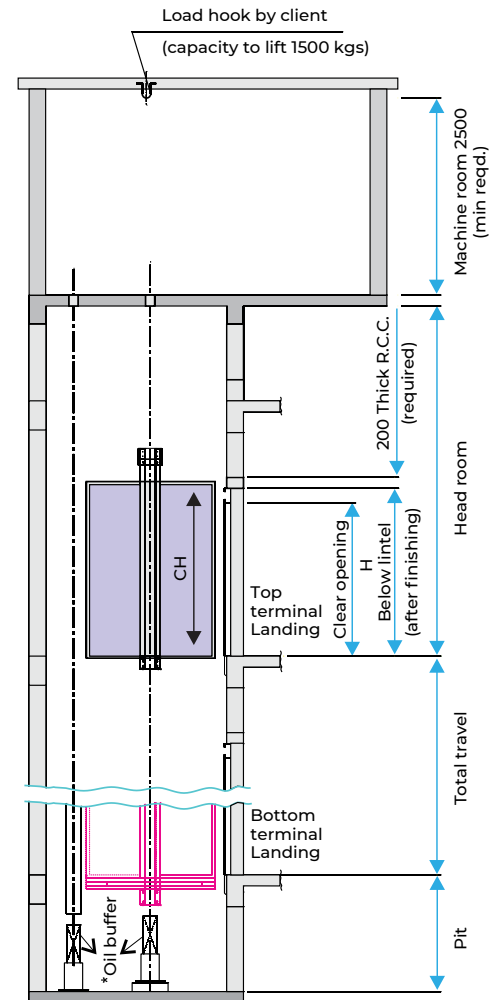
2 PANEL CENTRE-OPENING DOOR LIFT



2 PANEL SIDE-OPENING DOOR LIFT



ELEVATION



* Oil buffer only for lifts with a speed-rating of 1.75 & 2 m/s

Note: All dimensions are in millimetres. All dimension are clear finished liftwells after plastering. Dimensions are suitable for lift speeds upto 1.75 and 2 m.p.s. Dimension in the machine room depends on number and orientation of the lifts shafts. Lifting hook in machine room required. All walls minimum 150RCC or 230 brick. Hoistway front wall 230 brick preferred. RCC machine room structural slab 150 thick designed to sustain minimum 1000 kg/m² UDL. For specific requirements our local representative will be happy to work with you in preparation of the drawings.



JOHNSON FACTORIES

OUR UNMATCHED MANUFACTURING CAPABILITY



Johnson escalator factory complex in Oragadam, Chennai



Johnson lifts factory, Nagpur



Johnson lifts factory in Poonamallee, Chennai



Johnson lifts factory complex in Sengadu, Chennai

OVERSEAS

Nepal, Srilanka, Tanzania,
UAE, Uganda, Bhutan, Qatar,
Maldives, Saudi Arabia,
Oman, Bahrain

NORTH

Chandigarh, Gurgaon,
Delhi, Jaipur, Jammu,
Lucknow, Noida

EAST

Bhubaneswar, Guwahati,
Kolkata, Patna, Ranchi

CENTRAL

Amaravati, Bhopal,
Indore, Jabalpur, Nagpur,
Nashik, Raipur

WEST

Ahmedabad, Goa, Kolhapur,
Mumbai Andheri, Mumbai Mahpe,
Pune, Solapur, Surat, Vadodara

SOUTH

Bengaluru, Calicut, Chennai, Cochin,
Coimbatore, Hyderabad, Hubli, Hosur,
Madurai, Mangalore, Mysore, Puducherry,
Salem, Tirunelveli, Tirupathi, Tiruvannamalai,
Trichy, Trivandrum, Vijayawada, Vellore,
Vishakapatnam, Warangal



4 Factories | 80+ Branches in India | 10+ Offices Overseas | 9,000+ Employees



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