

VFX MRL

SOLUTIONS FOR LOW-MID RISE ELEVATORS



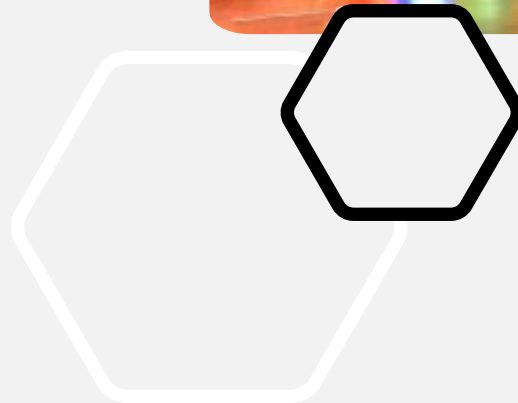
For the Field by the Field

VFX Advantage

Unparalleled Performance With Style

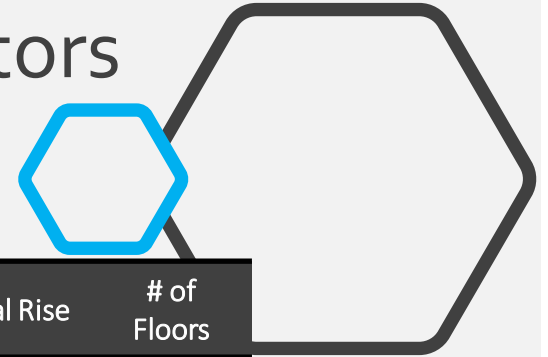
VFX offers a peak performing solution by offering eco friendly – space saving elevators. Utilizing the latest in technology, the VFX can provide a wide range of speeds and capacities to suit various building requirements. Designed with the low to mid-rise market in mind, the VFX provides optimal ride quality while offering stunning interior and exterior finishes.

Predetermined hoistway sizes allows builders, owners and architects the ability to design the buildings well in advance with peace of mind.



VFX MRL Hoistway Dimensions Passenger Elevators

Optimizing Building Space



Passenger Elevators Front Opening 2000 – 3500 LB Capacity

Capacity (lbs)	Speed (fpm)	Hoistway Width	Hoistway Depth	Platform Width	Platform Depth	Over Head	Pit Depth	Entrance Type	ENT Opening	Rough Opening	Total Rise	# of Floors
2100	100-350	7' 4"	5' 11"	6' 0"	5' 1"	16' 6"	5' 6"	SSSO	36" x 84"	50" x 94"	200'	20
2500	100-350	8' 4"	5' 11"	7' 0"	5' 1"	16' 6"	5' 6"	SSSO	42" x 84"	56" x 94"	200'	20
3000	100-350	8' 4"	6' 3"	7' 0"	5' 7"	16' 6"	5' 6"	SSSO	42" x 84"	56" x 94"	200'	20
3500	100-350	8' 4"	6' 9.5"	7' 0"	6' 2"	16' 6"	5' 6"	SSSO	42" x 84"	56" x 94"	200'	20

Passenger Elevators Front Opening 4000 - 5000 LB Capacity

Capacity (lbs)	Speed (fpm)	Hoistway Width	Hoistway Depth	Platform Width	Platform Depth	Over Head	Pit Depth	Entrance Type	ENT Opening	Rough Opening	Total Rise	# of Floors
4000	100-350	8' 1.5"	9' 2.5"	6' 0"	8' 4"	16' 6"	5' 6"	2SSO	48" x 84"	62" x 94"	200'	20
4500	100-350	8' 1.5"	9' 8.5"	6' 0"	8' 10"	16' 6"	5' 6"	2SSO	48" x 84"	62" x 94"	200'	20
5000	100-350	8' 4"	10' 1"	6' 2.5"	9' 2.5"	16' 6"	5' 6"	2SSO	48" x 84"	62" x 94"	200'	20

*For seismic Zone 2-3 Add 2" on the width of the Hoistway *

* Overhead dimensions based on 96" H cab *

VFX MRL Hoistway Dimensions Service Elevators

Optimizing Building Space

Service Elevators Front - Rear Opening 2000 – 3500 LB Capacity

Capacity (lbs)	Speed (fpm)	Hoistway Width	Hoistway Depth	Platform Width	Platform Depth	Over Head	Pit Depth	Entrance Type	ENT Opening	Rough Opening	Total Rise	# of Floors
2100	100-350	7' 4"	6' 4"	6' 0"	5' 10"	16' 6"	5' 6"	SSSO	36" x 84"	50" x 94"	200'	20
2500	100-350	8' 4"	6' 4"	7' 0"	5' 10"	16' 6"	5' 6"	SSSO	42" x 84"	56" x 94"	200'	20
3000	100-350	8' 4"	6' 11"	7' 0"	6' 6.5"	16' 6"	5' 6"	SSSO	42" x 84"	56" x 94"	200'	20
3500	100-350	8' 4"	7' 6"	7' 0"	7' 2.5"	16' 6"	5' 6"	SSSO	42" x 84"	56" x 94"	200'	20

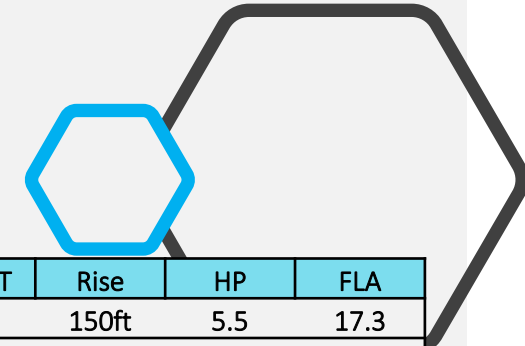
Service Elevators Front – Rear Opening 4000 - 5000 LB Capacity

Capacity (lbs)	Speed (fpm)	Hoistway Width	Hoistway Depth	Platform Width	Platform Depth	Over Head	Pit Depth	Entrance Type	ENT Opening	Rough Opening	Total Rise	# of Floors
4000	100-350	8' 1.5"	10' 0.5"	6' 0"	8' 9"	16' 6"	5' 6"	2SSO	48" x 84"	62" x 94"	200'	20
4500	100-350	8' 1.5"	10' 6.5"	6' 0"	9' 3"	16' 6"	5' 6"	2SSO	48" x 84"	62" x 94"	200'	20
5000	100-350	8' 4"	10' 11"	6' 2.5"	9' 7.5"	16' 6"	5' 6"	2SSO	48" x 84"	62" x 94"	200'	20

*For seismic Zone 2-3 Add 2" on the width of the Hoistway *

* Overhead dimensions based on 96" H cab *

VFX MRL Electrical Data



Charts Rated Current based on 480 VAC

Capacity	Speed	Front/Rear	Empty Car Weight	% CWT	Rise	HP	FLA
2100	100	Front	2863lbs	50	150ft	3.9	12.2
2100	150	Front	2863lbs	50	150ft	5.8	12.2
2100	200	Front	2863lbs	50	150ft	7.7	12.2
2100	250	Front	2863lbs	50	150ft	9.7	21.2
2100	300	Front	2863lbs	50	150ft	11.6	21.2
2100	350	Front	2863lbs	50	150ft	13.6	21.2
2100	100	Rear	2970lbs	50	150ft	3.9	12.2
2100	150	Rear	2970lbs	50	150ft	5.8	12.2
2100	200	Rear	2970lbs	50	150ft	7.7	12.2
2100	250	Rear	2970lbs	50	150ft	9.7	21.2
2100	300	Rear	2970lbs	50	150ft	11.6	21.2
2100	350	Rear	2970lbs	50	150ft	13.6	21.2
2500	100	Front	3220lbs	50	150ft	4.6	14.5
2500	150	Front	3220lbs	50	150ft	6.9	14.5
2500	200	Front	3220lbs	50	150ft	9.1	14.5
2500	250	Front	3220lbs	50	150ft	11.5	25.1
2500	300	Front	3220lbs	50	150ft	13.7	25.1
2500	350	Front	3220lbs	50	150ft	16	25.1
2500	100	Rear	3354lbs	50	150ft	4.6	14.5
2500	150	Rear	3354lbs	50	150ft	6.9	14.5
2500	200	Rear	3354lbs	50	150ft	9.1	14.5
2500	250	Rear	3354lbs	50	150ft	11.5	25.1
2500	300	Rear	3354lbs	50	150ft	13.7	25.1
2500	350	Rear	3354lbs	50	150ft	16	25.1

Capacity	Speed	Front/Rear	Empty Car Weight	% CWT	Rise	HP	FLA
3000	100	Front	3259lbs	50	150ft	5.5	17.3
3000	150	Front	3259lbs	50	150ft	8.2	17.3
3000	200	Front	3259lbs	50	150ft	10.9	17.32
3000	250	Front	3259lbs	50	150ft	13.87	30
3000	300	Front	3259lbs	50	150ft	16.4	30
3000	350	Front	3259lbs	50	150ft	19.2	30
3000	100	Rear	3381lbs	50	150ft	5.5	17.3
3000	150	Rear	3381lbs	50	150ft	8.2	17.3
3000	200	Rear	3381lbs	50	150ft	10.9	17.32
3000	250	Rear	3381lbs	50	150ft	13.87	30
3000	300	Rear	3381lbs	50	150ft	16.4	30
3000	350	Rear	3381lbs	50	150ft	19.2	30
3500	100	Front	3377lbs	50	150ft	6.3	20.1
3500	150	Front	3377lbs	50	150ft	9.6	20.1
3500	200	Front	3377lbs	50	150ft	12.7	20.1
3500	250	Front	3377lbs	50	150ft	15.9	34.9
3500	300	Front	3377lbs	50	150ft	19	34.9
3500	350	Front	3377lbs	50	150ft	20.3	34.9
3500	100	Rear	3412lbs	50	150ft	6.3	20.1
3500	150	Rear	3412lbs	50	150ft	9.6	20.1
3500	200	Rear	3412lbs	50	150ft	12.7	20.1
3500	250	Rear	3412lbs	50	150ft	15.9	34.9
3500	300	Rear	3412lbs	50	150ft	19	34.9
3500	350	Rear	3412lbs	50	150ft	20.3	34.9

Available Voltages 208/480/600 VAC Permanent Magnet Machines Variable Voltage Variable Frequency Drives 120 VAC Required For Lighting

VFX MRL Electrical Data

Charts Rated Current based on 480 VAC

Capacity	Speed	Front/Rear	Empty Car Weight	% CWT	Rise	HP	FLA
4000	100	Front	4143lbs	50	150ft	7.7	22.1
4000	150	Front	4143lbs	50	150ft	10.7	22.1
4000	200	Front	4143lbs	50	150ft	14.2	22.1
4000	250	Front	4143lbs	50	150ft	17.8	37.5
4000	300	Front	4143lbs	50	150ft	21.3	37.5
4000	350	Front	4143lbs	50	150ft	24.9	37.5
4000	100	Rear	4324lbs	50	150ft	7.7	22.1
4000	150	Rear	4324lbs	50	150ft	10.7	22.1
4000	200	Rear	4324lbs	50	150ft	14.2	22.1
4000	250	Rear	4324lbs	50	150ft	17.8	37.5
4000	300	Rear	4324lbs	50	150ft	21.3	37.5
4000	350	Rear	4324lbs	50	150ft	24.9	37.5
4500	100	Front	4265lbs	50	150ft	8	24.8
4500	150	Front	4265lbs	50	150ft	12	24.8
4500	200	Front	4265lbs	50	150ft	16	24.8
4500	250	Front	4265lbs	50	150ft	20	42.2
4500	300	Front	4265lbs	50	150ft	24	42.2
4500	350	Front	4265lbs	50	150ft	28	42.2
4500	100	Rear	4534lbs	50	150ft	8	24.8
4500	150	Rear	4534lbs	50	150ft	12	24.8
4500	200	Rear	4534lbs	50	150ft	16	24.8
4500	250	Rear	4534lbs	50	150ft	20	42.2
4500	300	Rear	4534lbs	50	150ft	24	42.2
4500	350	Rear	4534lbs	50	150ft	28	42.2

Capacity	Speed	Front/Rear	Empty Car Weight	% CWT	Rise	HP	FLA
5000	100	Front	4352lbs	50	150ft	8.9	27.6
5000	150	Front	4352lbs	50	150ft	13.3	27.6
5000	200	Front	4352lbs	50	150ft	17.8	27.6
5000	250	Front	4352lbs	50	150ft	22.3	46.9
5000	300	Front	4352lbs	50	150ft	26.7	46.9
5000	350	Front	4352lbs	50	150ft	31.1	46.9
5000	100	Rear	4605lbs	50	150ft	8.9	27.6
5000	150	Rear	4605lbs	50	150ft	13.3	27.6
5000	200	Rear	4605lbs	50	150ft	17.8	27.6
5000	250	Rear	4605lbs	50	150ft	22.3	46.9
5000	300	Rear	4605lbs	50	150ft	26.7	46.9
5000	350	Rear	4605lbs	50	150ft	31.1	46.9

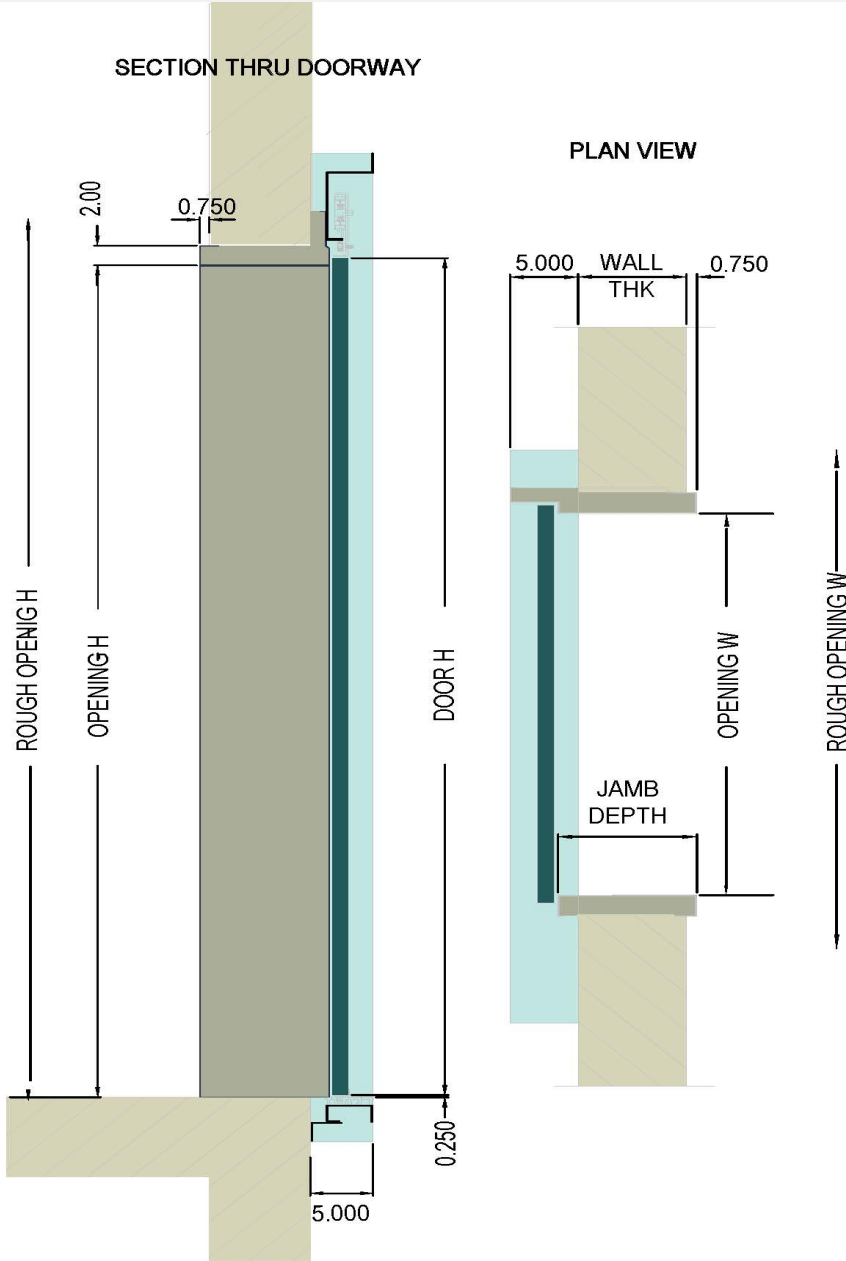
Available Voltages 208/480/600 VAC

Permanent Magnet Machines

Variable Voltage Variable Frequency Drives

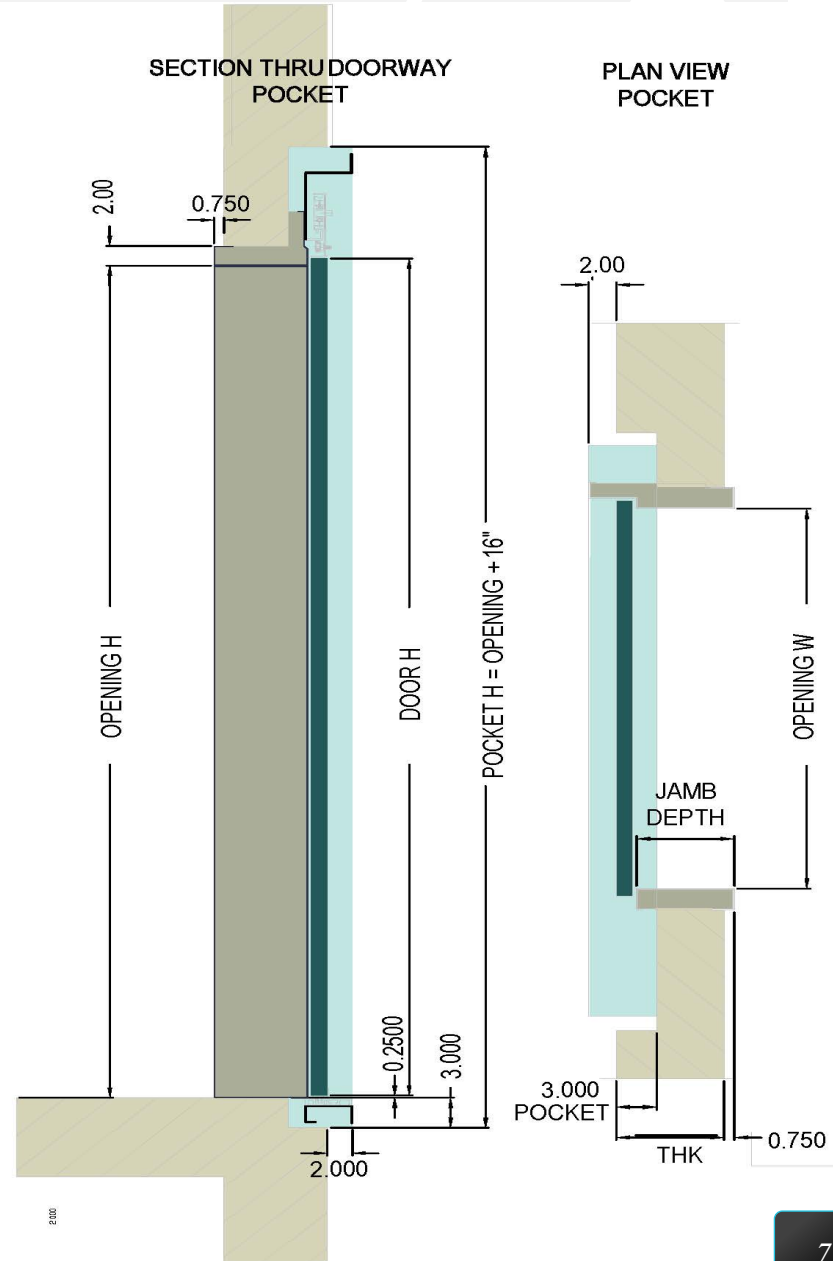
120 VAC Required For Lighting

VFX MRL Hall Door Frames Options

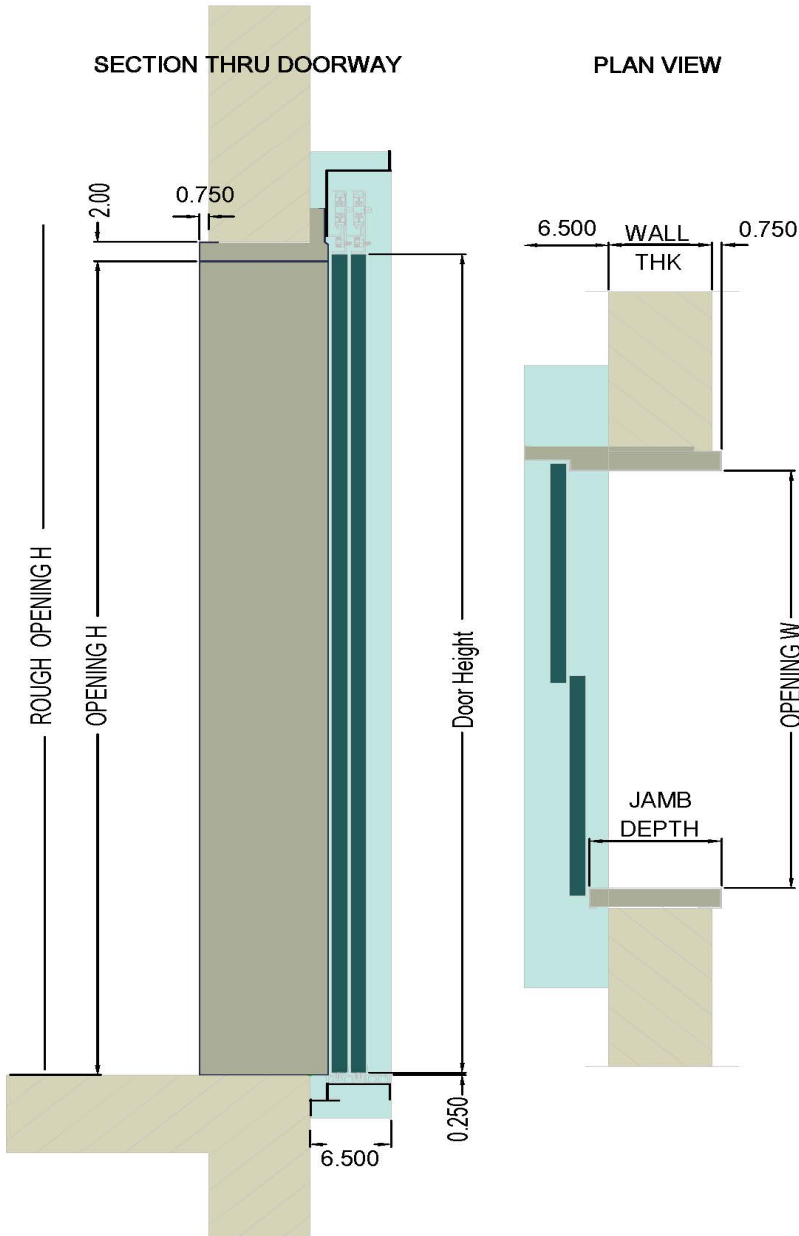


STANDARD SIZES			
OPEN W	OPEN H	RO W	RO H
36"	84"	50"	94"
42"	84"	56"	94"
HALL FRAME			
WALL THICKNESS	DRYWALL	STD	5 1/4"
	CMU	STD	8"
JAMB DEPTH			
STANDARD		POCKET	
DRYWALL	7 5/8"	DRYWALL	4 5/8"
CMU	10 1/4"	CMU	7 1/4"
STANDARD FINISHES			
POWDER COAT GREY PRIMER			
STAINLESS STEEL			
OTHER OPTIONS AVAILABLE			

Single Speed



VFX MRL Hall Door Frames Options



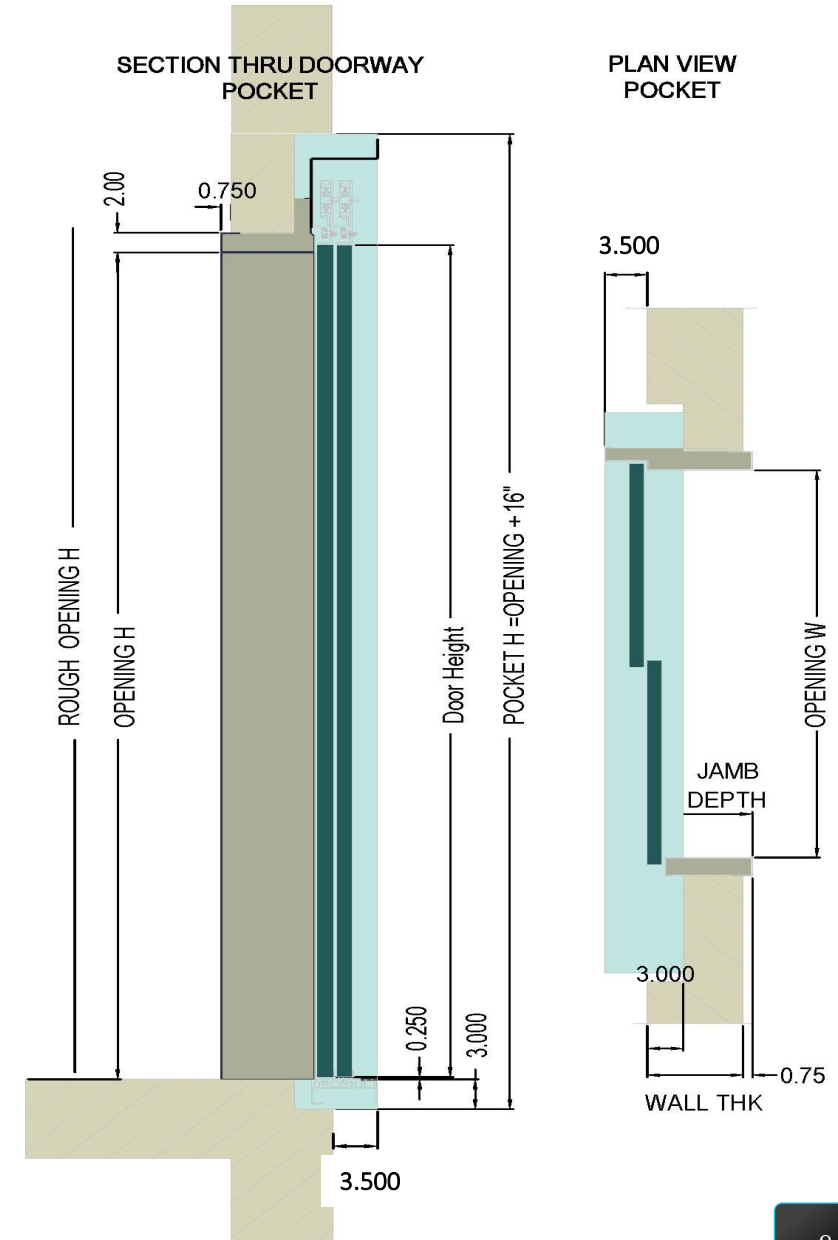
STANDARD SIZES			
OPEN W	OPEN H	RO W	RO H
42"	84"	56"	94"
48"	84"	62"	94"

HALL FRAME			
WALL THICKNESS	DRYWALL	STD	5 1/4"
	CMU	STD	8"

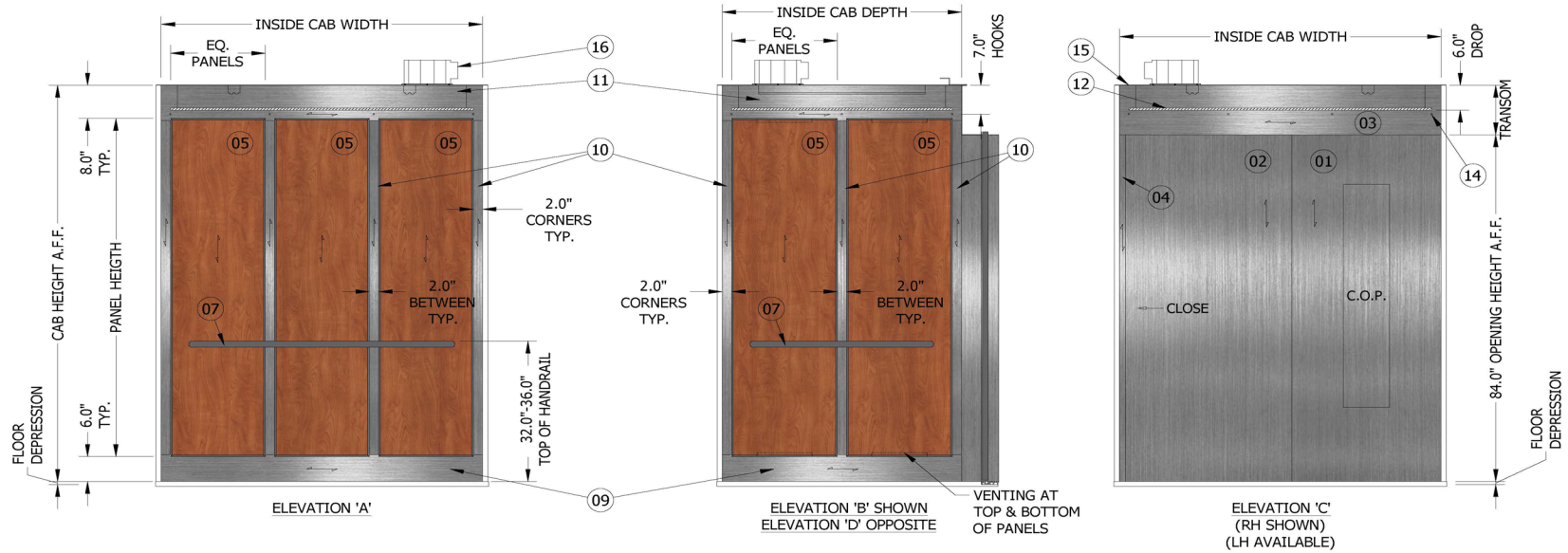
JAMB DEPTH			
STANDARD		POCKET	
DRYWALL	7 5/8"	DRYWALL	4 5/8"
CMU	10 1/4"	CMU	7 1/4"

STANDARD FINISHES
POWDER COAT GREY PRIMER
STAINLESS STEEL
OTHER OPTIONS AVAILABLE

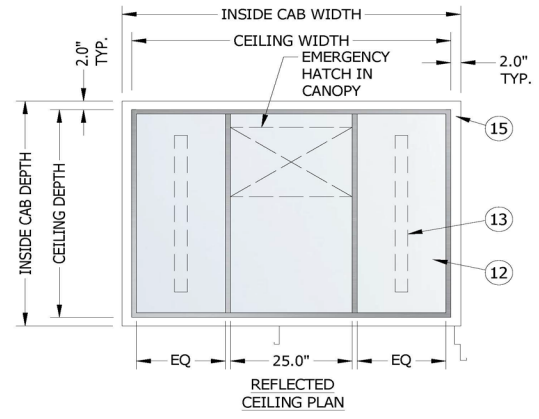
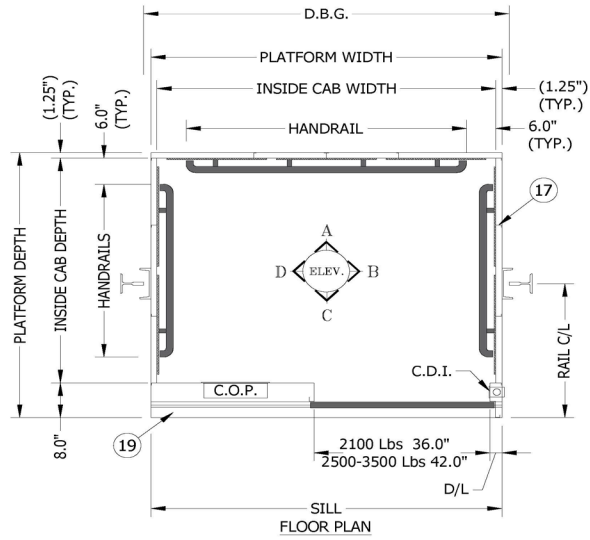
Two Speed



VFX MRL Passenger Elevator Standard Interior



PARTS LIST		
ITEM	DESCRIPTION	MATERIALS
01	RETURN	NEW 14ga SSSL #4
02	CAR DOOR	NEW CLAD w/ SSSL #4
03	TRANSOM	NEW 14ga SSSL #4
04	STRIKE POST	NEW 14ga SSSL #4
05	WALL PANELS	LAMINATE (COLOR TBD) w/ SSSL #4 J-TRIM
06	-	-
07	HANDRAILS	1-1/2" TUBE - SSSL #4
08	-	-
09	KICK PLATES	FLAT - SSSL #4
10	REVEALS	FLAT - SSSL #4
11	TOP BANDS	FLAT - SSSL #4
12	DROP CEILING	ALUMINUM FRAME; WHITE LEXAN DIFFUSERS LED "T8" STRIPLIGHTS (2) 3500K ; 24"/36"/48"
13	LIGHTS	1 SET OF EACH (PAD COLOR T.B.D.)
14	PADS/HOOKS (IF APPLICABLE)	(PAD COLOR T.B.D.)
15	CANOPY	NEW 12ga SATIN COAT POWDER COAT WHITE
16	2-SPD FAN	MAN-D-TEC MODEL # MVS-12-7
17	SHELL WALLS	NEW 14ga SATIN COAT
18	-	-
19	NEW SILL	1-SPD; ALUM OR NICKEL-SILVER



WALL PANELS	TYPE	FEATHERLIGHT
	STYLE	LAMINATE - COLOR TBD
	TRIM	J-TRIM

Available Options

- Stainless Steel Panels
- Textured SSSL Panels
- Lexan Drop Ceilings
- Ceiling Drop 4" or 6"
- Custom Designs
- Call for more details
- Led pot Light ceiling

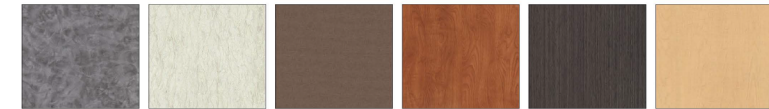
LAMINATE COLOR FOR REPRESENTATION ONLY.
(DESIRED COLORS ARE TO BE SPECIFIED)

WALL PAD COLORS:



TAUPE, BLUE OR GREY
(IF APPLICABLE)

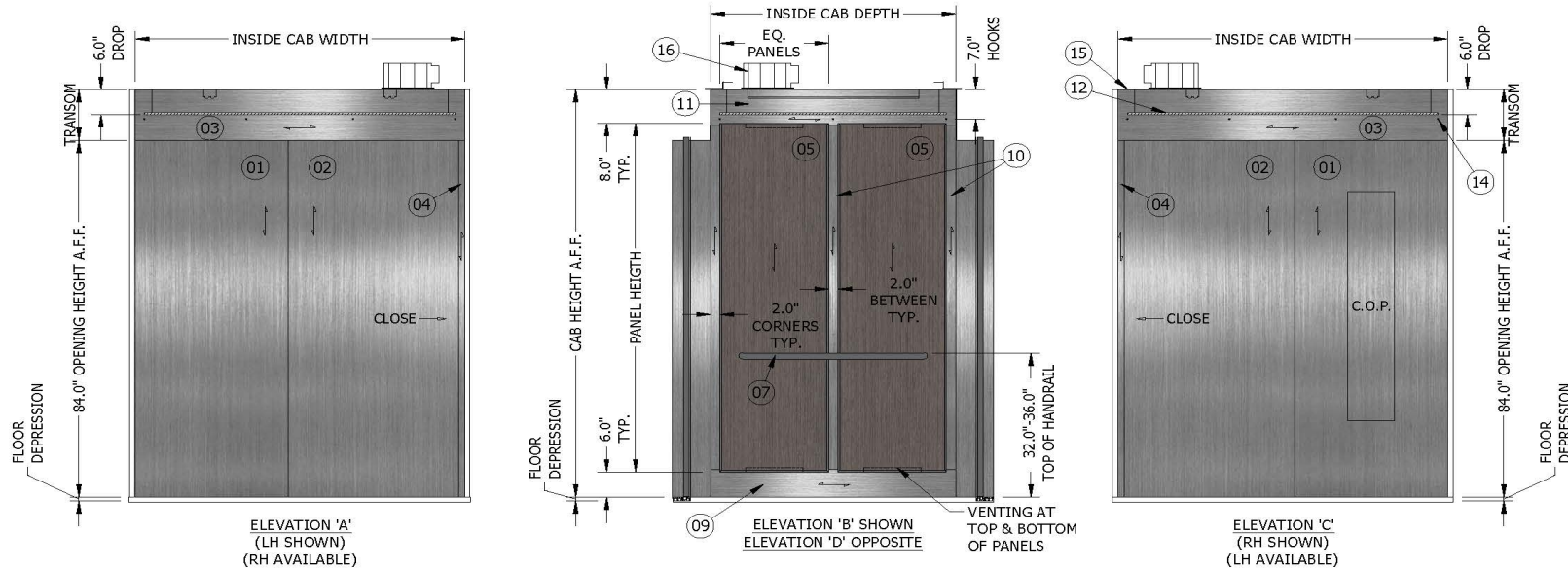
STANDARD LAMINATE SELECTION:



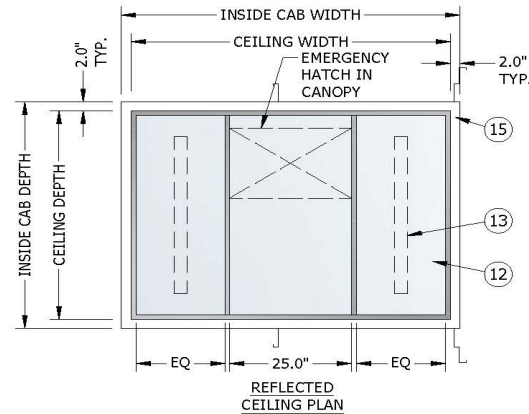
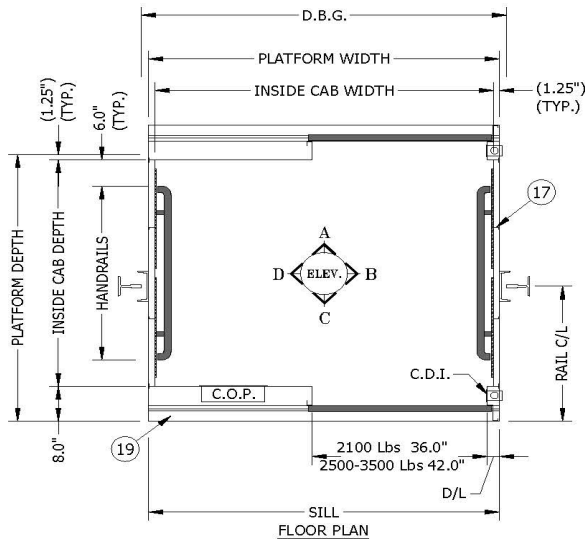
4779-60 PEWTER BRUSH
5003-38 WHITE CASCADE
4989-38 RUGGED LINEN
7054-60 WILD CHERRY
7949-18 ASIAN NIGHT
7909-60 FUSION MAPLE

CUSTOMER	VFX MRL-2	PASSENGER ELEVATOR
CUSTOMER ADDRESS	CUSTOMER ADDRESS	
JOB NUMBER	-MRL-XXXXX	
DRAWN BY		VFX Cab Approval
REVISIONS	0 --	
SCALE	1:30	DATE
DATE	JUNE/2020	SHEET 1 of 1

VFX MRL Service Elevator Standard Interior



PARTS LIST		
ITEM	DESCRIPTION	MATERIALS
01	RETURN	NEW 14ga SSSL #4
02	CAR DOOR	NEW CLAD w/ SSSL #4
03	TRANSOM	NEW 14ga SSSL #4
04	STRIKE POST	NEW 14ga SSSL #4
05	WALL PANELS	LAMINATE (COLOR TBD) w/ SSSL #4 J-TRIM
06	-	-
07	HANDRAILS	1-1/2" TUBE - SSSL #4
08	-	-
09	KICK PLATES	FLAT - SSSL #4
10	REVEALS	FLAT - SSSL #4
11	TOP BANDS	FLAT - SSSL #4
12	DROP CEILING	ALUMINUM FRAME; WHITE LEXAN DIFFUSERS LED "T8" STRIPLIGHTS (2) 3500K ; 24"/36"/48"
13	LIGHTS	1 SET OF EACH (PAD COLOR T.B.D.)
14	PADS/HOOKS (IF APPLICABLE)	NEW 12ga SATIN COAT POWDER COAT WHITE
15	CANOPY	MAN-D-TEC MODEL # MVS-12-7
16	2-SPD FAN	NEW 14ga SATIN COAT
17	SHELL WALLS	-
18	-	-
19	NEW SILL	ALUMINUM OR NICKEL-SILVER



WALL PANELS	TYPE	FEATHERLIGHT
	STYLE	LAMINATE - COLOR TBD
	TRIM	J-TRIM

Available Options

- Stainless Steel Panels
- Textured SSSL Panels
- Lexan Drop Ceilings
- Ceiling Drop 4" or 6"
- Custom Designs
- Led pot Light ceiling

LAMINATE COLOR FOR REPRESENTATION ONLY. (DESIRED COLORS ARE TO BE SPECIFIED)

WALL PAD COLORS:



TAUPE, BLUE OR GREY (IF APPLICABLE)

STANDARD LAMINATE SELECTION:



4779-60 PEWTER BRUSH 5003-38 WHITE CASCADE 4989-38 RUGGED LINEN 7054-60 WILD CHERRY 7949-18 ASIAN NIGHT 7909-60 FUSION MAPLE

CUSTOMER	VFX MRL-5	PROJECT	VFX CAB APPROVALS
CUSTOMER ADDRESS	CUSTOMER ADDRESS	SIZE	INSTALL NO.
JOB NUMBER	-MRL-XXXXX	SCALE	REF. # VFXMRL-5
DRAWN BY	AVT	DATE	JUNE 2020
REVISIONS	0	SHEET	1 OF 1

VFX MRL Fixture Options

Standard Car and Hall Button

US91



Red Amber Green Blue White

Key features

- 15mm high tactile legend
- Legend and halo illumination
- Vandal resistant with stainless steel front EN81-71 cat 2
- Large range of pressel legends
- Standard pressels are a stainless steel plate moulded with red or opal polycarbonate
- Similar style available in Jumbo body

Vandal Proof Car and Hall Button

US100



Red Amber Green Blue White

Key features

- Classic design
- Highly vandal resistant exceeds EN81-71 category 2
- Pressel/surround assembly is locked to the faceplate
- Metal pressel bottoms out on metal surround

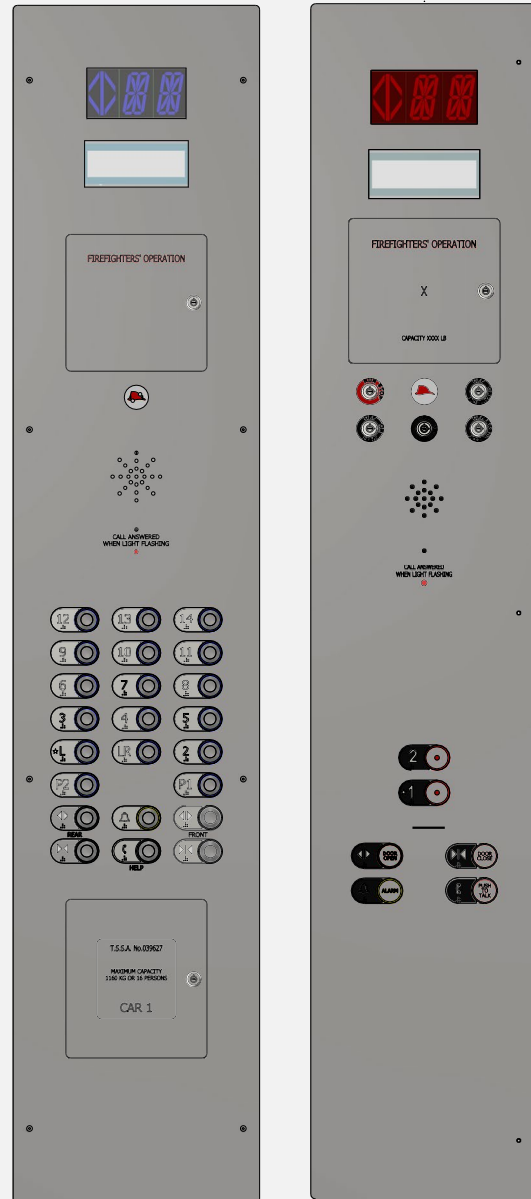
Standard Car and Hall Position Indicator

Key features

- 50mm high 3 characters blocks
- Display screen size 152mm x 53.4mm
- Direction arrow and gong control
- Scrolling arrow or legend
- Available in red, amber, green, blue and white
- P Serial and parallel options



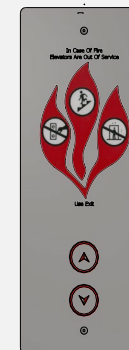
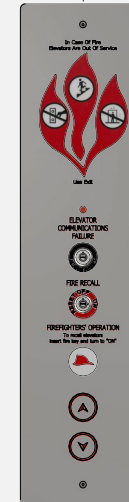
Car Station Layout



Car / Hall PI



Hall Fixtures



Options for Local Code Compliancy

- Phones handsfree
- Service cabinets
- Aux COP (front & rear only)
- Fire service cabinets
- Card reader (provisions)
- Certificate frames
- Rescue stations (multiple phone systems)
- 110 VAC Convenience Outlet
- Light Dimmer
- Voice Annunciator


VFX Machine Room-Less Elevator

Engineered for low-mid rise applications. Offering a smooth and quiet ride while saving space and energy.

Poised for Longevity and Style

- ✓ Energy Efficient
- ✓ Space Saving
- ✓ Easy to Plan and Install
- ✓ Cost Effective
- ✓ Flawless Ride
- ✓ Quiet
- ✓ Stylish
- ✓ Return on Investment





VFX MRL

Contact

 AVTBECKETT ELEVATORS LTD.

 844-360-0288

 sales@avtbeckett.com

 www.avtbeckett.com

BUILT ON EXPERIENCE AND TRUST

SOLUTIONS FOR LOW-MID RISE ELEVATORS

MADE IN CANADA