



A VANTAGE Company

Traction Data Form

GAL Canada Elevator Products
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Internal Use Only	Data Sheet Revision #:	GAL Estimate #:	Date:
	GAL Controller Order #:	GAL Door Order #:	GAL Fixture Order #:
CUSTOMER INFORMATION			
Company Name:		Job Name:	
Company Address:		Job Address:	
Contact Name:		Technical Contact Name:	
Email:		Email:	
Phone:	Cell:	Phone:	Cell:
ELEVATOR SPECIFICATIONS			
Main Line Disconnect Voltage: _____ VAC		Motor Type: <input type="checkbox"/> AC <input type="checkbox"/> DC	
Phase: <input type="checkbox"/> 3 Ph/60 Hz <input type="checkbox"/> _____ Ph/_____ Hz	Dispatch Type: <input type="checkbox"/> Standard		
Machine Type: <input type="checkbox"/> Geared <input type="checkbox"/> Gearless	NOTE: See DD <input type="checkbox"/> Destination Dispatch		
Machine Location: <input type="checkbox"/> Overhead <input type="checkbox"/> Basement	<input type="checkbox"/> Destination Dispatch: Lobby Boost		
<input type="checkbox"/> MRL	<input type="checkbox"/> All Data Same As Car One		
Car Name:	1: _____	2: _____	3: _____
Simplex (S)/Group (G):	4: _____	5: _____	6: _____
First Installed in Group: <input type="checkbox"/>	7: _____	8: _____	
Requested Ship Date:			
Car Speed (FPM):			
Car Capacity (lbs):			
Number of Landings:			
Number of Openings:	F: _____ R: _____	F: _____ R: _____	F: _____ R: _____
Code of Compliance <input type="checkbox"/> 2000 <input type="checkbox"/> 2004 <input type="checkbox"/> 2005 <input type="checkbox"/> 2007 <input type="checkbox"/> 2009 <input type="checkbox"/> 2010 <input type="checkbox"/> 2013 <input type="checkbox"/> 2016			
(ASME/B44): <input type="checkbox"/> 2019 <input type="checkbox"/> NYC <input type="checkbox"/> Other: _____	<input type="checkbox"/> Job specifications sent to GAL		
MACHINE DATA			
Machine: <input type="checkbox"/> New <input type="checkbox"/> Existing	Emergency Brake: <input type="checkbox"/> Rope Gripper*		
H.W. Job #:	<input type="checkbox"/> Second Independent Brake		
Roping: <input type="checkbox"/> 1:1 <input type="checkbox"/> 2:1	<input type="checkbox"/> Draka Rope Brake		
<input type="checkbox"/> Other:	<input type="checkbox"/> Torin Sheave Clamp		
No. of Main Brakes: _____	<input type="checkbox"/> Hilliard Brake		
No. of Em. Brakes: _____			
Brake Pick Voltage: _____ V	Emergency Brake Pick Voltage: _____ V		
Brake Hold Voltage: _____ V	Emergency Brake Hold Voltage: _____ V		
Brake Resistance: _____ Ohms	Emergency Brake Resistance: _____ Ohms		
MOTOR DATA			
Motor: <input type="checkbox"/> New <input type="checkbox"/> Existing	Motor Brand: _____		
H.W. Job #:	Motor Encoder By: <input type="checkbox"/> GAL <input type="checkbox"/> Others		
AC Motor	1: _____	2: _____	3: _____
Motor Frequency	4: _____	5: _____	6: _____
Motor RPM	7: _____	8: _____	
Motor Horsepower			
Motor Voltage			
Motor Current			
Motor Accel. Voltage**			
Motor Accel. Current**			
Motor Torque**			
** Required for gearless applications			

NOTE: Application-specific motor data must be forwarded with this document.

DC Motor	1: _____	2: _____	3: _____	4: _____	5: _____	6: _____	7: _____	8: _____
Motor RPM								
Arm. Full Load Voltage								
Arm. Full Load Current								
Motor Horsepower								
Full Field Voltage								
Weak Field Voltage								
Standby Field Voltage								
Field Resistance								
Field Current								
Field Conn. (S, P, S/P)								
Motor Blower	<input type="checkbox"/> 115 VAC	<input type="checkbox"/> 115 VDC	Phase:		<input type="checkbox"/> 1 Phase	Current: _____ A		
Voltage:	<input type="checkbox"/> 230 VAC	<input type="checkbox"/> 230 VDC			<input type="checkbox"/> 3 Phase			
DRIVE INFORMATION								
Drive Type:	<input type="checkbox"/> KEB	<input type="checkbox"/> Quattro AC	Motor Energy		<input type="checkbox"/> Non-Regen			
NOTE: DSD/Quattro are regenerative	<input type="checkbox"/> Quattro Cube	<input type="checkbox"/> DSD	Dissipation:		<input type="checkbox"/> Regen			
	<input type="checkbox"/> Quattro DC	<input type="checkbox"/>			<input type="checkbox"/> Regen with DBR on Em. Power			
LINE CONDITIONING								
Iso. Transformer :	<input type="checkbox"/> By GAL	<input type="checkbox"/> Others	Contact Name: _____					
Isolation Transformer			Contact Phone: _____					
Drop Ship Address:			Contact Email: _____					
Over Current	<input type="checkbox"/> By GAL	<input type="checkbox"/> By Others	<input type="checkbox"/> Line Filter		<input type="checkbox"/> Line Reactor	<input type="checkbox"/> Load Reactor		
Protection Device:	<input type="checkbox"/> None (only available in Canada)		Motor to Controller Distance: _____ Ft.					
SELECTOR								
Selector Type:	<input type="checkbox"/> Absolute Positioning System		Mounting (APS):		<input type="checkbox"/> Standard*	<input type="checkbox"/> Corner Post		
	<input type="checkbox"/> Tapeless		Magnets (Tapeless):		<input type="checkbox"/> On Rail*	<input type="checkbox"/> Floor Flags		
<input type="checkbox"/> Weather Resistant	<input type="checkbox"/> Reduced Stroke Buffer		Governor to Controller Distance (Tapeless): _____ Ft.					
EMERGENCY POWER								
<input type="checkbox"/> Emergency Generator	<input type="checkbox"/> Intergroup		Intergroup		Master Grp Car Names: _____			
Emergency Power	<input type="checkbox"/> In Hall		Configuration:		2 nd Grp Car Names: _____			
Switch Location:	<input type="checkbox"/> In Remote Fire Command Station				3 rd Grp Car Names: _____			
<input type="checkbox"/> Emergency Power Recovery System (UPS by GAL)					4 th Grp Car Names: _____			
NOTE: Powered freight doors require separate UPS by others. NOTE: Master group recalls first, followed by 2 nd , 3 rd , 4 th .								
SIGNAL FIXTURES								
Fixture Manufacturer: _____			Elevator Off Switch:		<input type="checkbox"/> In COP	<input type="checkbox"/> In Hall		
<input type="checkbox"/> Extended Door Hold Time			Door Indicators:		<input type="checkbox"/> Door Closing	<input type="checkbox"/> Door Open		
<input type="checkbox"/> Fire Service Complete Indicator			Indicator Location:		<input type="checkbox"/> In Car	<input type="checkbox"/> In Hall		
CAR SIGNAL FIXTURES								
Car Position Indicator:	<input type="checkbox"/> MAD Giotto*	<input type="checkbox"/> C.E. Micro Comm	Car PI Total Amount: _____					
	<input type="checkbox"/> MAD Matisse*	<input type="checkbox"/> Emotive	Car Digital Binary/		<input type="checkbox"/> 24 VDC	<input type="checkbox"/> 24 VAC		
	<input type="checkbox"/> MAD Raffaello*	<input type="checkbox"/> Vega	Multilight Voltage:		<input type="checkbox"/> 120 VAC			
	<input type="checkbox"/> Vidatech	<input type="checkbox"/> 3 Character	Front COP 1 (Main):		<input type="checkbox"/> F	<input type="checkbox"/> R	Car Calls	
	<input type="checkbox"/> Digital Binary	<input type="checkbox"/> French (C.E)	Front COP 2 (Aux):		<input type="checkbox"/> F	<input type="checkbox"/> R	Car Calls	
	<input type="checkbox"/> Multilight	<input type="checkbox"/> Other: _____	Rear COP 1 (Aux):		<input type="checkbox"/> F	<input type="checkbox"/> R	Car Calls	
	<input type="checkbox"/> DL20		Rear COP 2 (Aux):		<input type="checkbox"/> F	<input type="checkbox"/> R	Car Calls	
Voice Annunciator:	<input type="checkbox"/> MAD*	<input type="checkbox"/> C.E. Micro Comm	COP Voltage:		<input type="checkbox"/> 24 VDC*	<input type="checkbox"/> 24 VAC		
	<input type="checkbox"/> Other: _____				<input type="checkbox"/> 120 VAC			
Car Lantern	<input type="checkbox"/> 24 VDC*	<input type="checkbox"/> 24 VAC	Car Lantern		<input type="checkbox"/> Chimes*	Car Lantern		
Voltage:	<input type="checkbox"/> 120 VAC	<input type="checkbox"/> C.E. Micro Comm	Audible Signal:		<input type="checkbox"/> Gongs	Current: _____ A		

Traveling Cable <input type="checkbox"/> Top Of Car Box (Junction Box) Termination: <input type="checkbox"/> Car Operating Panel Car Top Inspection <input type="checkbox"/> By GAL <input type="checkbox"/> By Others Station: <input type="checkbox"/> By GAL, Weather Resistant Car Operation: <input type="checkbox"/> Attendant Operation <input type="checkbox"/> Car Switch Operation <input type="checkbox"/> With Annunciator Lights		Send COP Boards: <input type="checkbox"/> To Fixture Manufacturer* <input type="checkbox"/> With Controller <input type="checkbox"/> To Customer Before Controller Handicap Buzzer: <input type="checkbox"/> Passing Floor Tone <input type="checkbox"/> Car Call Acknowledgement Tone <input type="checkbox"/> Qualified by S Button <input type="checkbox"/> Auxiliary Fire Switch <input type="checkbox"/> Remote Car Call							
Sabbath Service: <input type="checkbox"/> Standard <input type="checkbox"/> Special		<input type="checkbox"/> In-Car Inspection Switch							
HALL SIGNAL FIXTURES									
Hall Position <input type="checkbox"/> MAD Giotto* <input type="checkbox"/> C.E. Micro Comm Indicator: <input type="checkbox"/> MAD Matisse* <input type="checkbox"/> Emotive <input type="checkbox"/> MAD Raffaello* <input type="checkbox"/> Vega <input type="checkbox"/> Vidatech <input type="checkbox"/> 3 Character <input type="checkbox"/> Digital Binary <input type="checkbox"/> French (C.E.) <input type="checkbox"/> Multilight <input type="checkbox"/> Other: _____ <input type="checkbox"/> DL20		Hall Lantern <input type="checkbox"/> 24 VDC* <input type="checkbox"/> 24 VAC Voltage: <input type="checkbox"/> 24 VDC Serial <input type="checkbox"/> 120 VAC <input type="checkbox"/> C.E. Micro Comm Hall Lanterns In: <input type="checkbox"/> All Floors* <input type="checkbox"/> Lobby Only Hall Lantern <input type="checkbox"/> Chimes* Hall Lantern Audible Signal: <input type="checkbox"/> Gongs Current: _____ A <input type="checkbox"/> High Water Input and Reset <input type="checkbox"/> Remote Fire Command Station NOTE: Includes Return to Lobby and In/Out of Service Indicators. Return to Lobby w/: <input type="checkbox"/> Doors Open* <input type="checkbox"/> Doors Closed Out of Service <input type="checkbox"/> 24 VDC* <input type="checkbox"/> 24 VAC Indicator: <input type="checkbox"/> 120 VAC							
Hall PI Total Amount: _____ Hall PI Size: _____ In.									
Hall Digital Binary/ <input type="checkbox"/> 24 VDC <input type="checkbox"/> 24 VAC Multilight Voltage: <input type="checkbox"/> 120 VAC									
In Service <input type="checkbox"/> 24 VDC* <input type="checkbox"/> 24 VAC Indicator: <input type="checkbox"/> 120 VAC									
SECURITY									
		Car Call Security		Group Car Call Security		Hall Security		Floor Security	
		Secure	Override	Secure	Override	Secure	Override	Secure	Override
Security Activation	One Switch in Hall or Lobby	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	One Switch in Car	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/a	n/a	n/a	n/a
	GALileo/Liftnet	<input type="checkbox"/>	n/a	<input type="checkbox"/>	n/a	<input type="checkbox"/>	n/a	<input type="checkbox"/>	n/a
	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Security Access	One Switch per Floor in Car	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	n/a	n/a	n/a	n/a
	Card Reader	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	One Switch per Floor in Hall	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	One Switch in Hall or Lobby	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	GALileo/Liftnet	<input type="checkbox"/>	n/a	<input type="checkbox"/>	n/a	<input type="checkbox"/>	n/a	<input type="checkbox"/>	n/a
	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hugs Security: <input type="checkbox"/> Standard <input type="checkbox"/> With Bypass <input type="checkbox"/> In Car <input type="checkbox"/> In Machine Room		Push Button Car <input type="checkbox"/> With Acknowledgement Light Call Sec. Override: <input type="checkbox"/> Without Acknowledgement Light							

HOISTWAY FEATURES

Hall Calls:	<input type="checkbox"/> Serial 24 VDC*	<input type="checkbox"/> Discrete 24 VAC	Number of Standard Risers: _____
		<input type="checkbox"/> Discrete 24 VDC	Number of Swing/Inconspicuous Risers: _____
		<input type="checkbox"/> Discrete 120 VAC	Car(s) on Swing Risers: _____
<input type="checkbox"/> Hoistway Lighting Pilot Relay (Fire Service)		<input type="checkbox"/> Code Blue	<input type="checkbox"/> TUGs Service
<input type="checkbox"/> VIP Service	<input type="checkbox"/> Lobby Up Req. Button	<input type="checkbox"/> MA Emergency Medical	<input type="checkbox"/> Heliport Service

DOOR EQUIPMENT

Door Operation:	<input type="F"/> <input type="R"/> Automatic	Light Curtain/	<input type="F"/> <input type="R"/> GAL*
	<input type="F"/> <input type="R"/> Automatic with Swing	Edge Detector:	<input type="F"/> <input type="R"/> Other: _____
	<input type="F"/> <input type="R"/> Powered Freight	<input type="checkbox"/> Narrow Door, Floor(s): _____	
	<input type="F"/> <input type="R"/> Manual	<input type="checkbox"/> Heavy Door, Floor(s): _____	
Door By GAL: Operator:	<input type="F"/> <input type="R"/> MOVFR CAN Bus*	By Others:	<input type="F"/> <input type="R"/> Otis 6970 Standard
	<input type="F"/> <input type="R"/> MOVFR Standard		<input type="F"/> <input type="R"/> MAC/ECI 859N 1000
	<input type="F"/> <input type="R"/> MONXT CAN Bus*		<input type="F"/> <input type="R"/> HDLM
	<input type="F"/> <input type="R"/> MONXT Standard		<input type="F"/> <input type="R"/> Midi Supra
	<input type="F"/> <input type="R"/> MOVFE CAN Bus*		<input type="F"/> <input type="R"/> Dover
	<input type="F"/> <input type="R"/> MOVFE Standard		<input type="F"/> <input type="R"/> Dover Encore
	<input type="F"/> <input type="R"/> MOCT		<input type="F"/> <input type="R"/> Smart Tech Door
	<input type="F"/> <input type="R"/> MOD		<input type="F"/> <input type="R"/> AT 400
	<input type="F"/> <input type="R"/> MOM/MOH		<input type="F"/> <input type="R"/> AMD
	<input type="F"/> <input type="R"/> MODG		<input type="F"/> <input type="R"/> Other: _____
Door Operator	<input type="F"/> <input type="R"/> 230 VAC*	Powered Freight:	<input type="F"/> <input type="R"/> Courion iLearn*
Voltage:	<input type="F"/> <input type="R"/> 115 VAC		<input type="F"/> <input type="R"/> Courion MP
Retiring Cam:	<input type="F"/> <input type="R"/> Mechanical		<input type="F"/> <input type="R"/> EMS
	<input type="F"/> <input type="R"/> Electrical		<input type="F"/> <input type="R"/> Peelle Wireless
Made By:	<input type="checkbox"/> GAL <input type="checkbox"/> Others		<input type="F"/> <input type="R"/> Peelle PLC Slave
Voltage:	<input type="checkbox"/> 115 VAC <input type="checkbox"/> 115 VDC	<input type="F"/> <input type="R"/> Peelle PLC Standard	
	<input type="checkbox"/> 230 VAC <input type="checkbox"/> 230 VDC	<input type="F"/> <input type="R"/> Other: _____	
Phase:	<input type="checkbox"/> 1 Phase <input type="checkbox"/> 3 Phase	Current:	NOTE: Forward non-GAL door wiring diagrams to GAL.
		_____ A	

MONITORING

GALileo Monitoring:	<input type="checkbox"/> Machine Room Work Station*	Liftnet Complete System Configuration:
	No. Monitors: _____	No. of Groups: _____
	No. M.R.: _____	No. of Locations: _____
	Distance between M.R.: _____ Ft.	No. of Cars: _____
	<input type="checkbox"/> On-Site Work Station	No. of Computers: _____
	<input type="checkbox"/> Off-Site Remote Work Station	No. of Printers: _____
	<input type="checkbox"/> On-Site Display Monitor	No. of UPS Units: _____
Central Monitoring System:	<input type="checkbox"/> Liftnet Interface	No. of Monitors: _____
	<input type="checkbox"/> Liftnet Software Only	Size of each Monitor (17"/19"/23"/Other): _____
	<input type="checkbox"/> JRT Interface	
	<input type="checkbox"/> Solucore Interface	
	<input type="checkbox"/> Other: _____	Additional Notes: _____

MACHINE ROOM OPTIONS

<input type="checkbox"/> Earthquake Operation	Remote Governor	<input type="checkbox"/> 24 VDC
<input type="checkbox"/> Power Loss Manual Brake Pick	Set/Reset:	<input type="checkbox"/> 120 VAC

ADDITIONAL INFORMATION

77.37" H x 32.16" W x 16.59" D (Small), 77.37" H x 42.05" W x 18.14" D (Large), 67" H x 45.5" W x 16" D (A-Size; If AC Unit is needed)

NOTES

FLOOR OPENING CONFIGURATION																			
Floor Number	Floor Label	Alternate Floor Label	Floor Height (Ft.)	Floor Openings															
				1:		2:		3:		4:		5:		6:		7:		8:	
Overhead				F	R	F	R	F	R	F	R	F	R	F	R	F	R		
30																			
29																			
28																			
27																			
26																			
25																			
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7																			
6																			
5																			
4																			
3																			
2																			
1																			
Pit				<input type="checkbox"/> All Front <input type="checkbox"/> All Same as Car 1 <input type="checkbox"/> All Rear															
Total Height			Ft.																
NOTE: All security types and special risers selected are given for every floor. For special configurations fill out page 6.			Hall Access	1:	2:	3:	4:	5:	6:	7:	8:								
			Switch Location	F	R	F	R	F	R	F	R	F	R	F	R	F	R		
			Top Access																
			Bottom Access																
			Top Access Floor																
			Bott. Access Floor																
			NOTE: Maximum of two access switch locations per car.																
NOTES																			

[illegible]