



A VANTAGE Company

Traction Data Form

GAL Manufacturing Company LLC

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www.gal.com

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	<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	NOTE: See Destination Dispatch Supplemental Data Form
Car Name: 1: _____ 2: _____ 3: _____ 4: _____ 5: _____ 6: _____ 7: _____ 8: _____	
Simplex (S)/Group (G):	
First Installed in Group: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Requested Ship Date:	
Car Speed (FPM):	
Car Capacity (Lbs):	
Number of Landings:	
Number of Openings: F: _____ R: _____ F: _____ R: _____ F: _____ R: _____ F: _____ R: _____ 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: _____ No. of Em. Brakes: _____	<input type="checkbox"/> Hilliard Brake
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: _____ 4: _____ 5: _____ 6: _____ 7: _____ 8: _____	
Motor Frequency	
Motor RPM	
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"/> Magnetek M1000	NOTE: DSD and Quattro are regenerative drives					
	<input type="checkbox"/> Quattro Cube	<input type="checkbox"/> Quattro AC	Motor Energy	<input type="checkbox"/> DBR (Non-Regen)				
	<input type="checkbox"/> Quattro DC	<input type="checkbox"/> DSD	Dissipation:	<input type="checkbox"/> Regen				
LINE CONDITIONING								
Iso. Transformer By:	<input type="checkbox"/> 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	<input type="checkbox"/> MAD Giotto*	<input type="checkbox"/> Digital Binary	Car PI Total Amount: _____					
Indicator:	<input type="checkbox"/> MAD Matisse*	<input type="checkbox"/> Multilight	Car Digital Binary/	<input type="checkbox"/> 24 VDC	<input type="checkbox"/> 24 VAC			
	<input type="checkbox"/> MAD Raffaello*	<input type="checkbox"/> 3 Character	Multilight Voltage:	<input type="checkbox"/> 120 VAC				
	<input type="checkbox"/> CE Microcom	<input type="checkbox"/> French (CE)	Front COP 1:	<input type="checkbox"/> F	<input type="checkbox"/> R	Car Calls		
	<input type="checkbox"/> Emotive	<input type="checkbox"/> Other: _____	Front COP 2:	<input type="checkbox"/> F	<input type="checkbox"/> R	Car Calls		
	<input type="checkbox"/> Vega		Rear COP 1:	<input type="checkbox"/> F	<input type="checkbox"/> R	Car Calls		
	<input type="checkbox"/> DL20		Rear COP 2:	<input type="checkbox"/> F	<input type="checkbox"/> R	Car Calls		
Voice Annunciator:	<input type="checkbox"/> MAD*	<input type="checkbox"/> CE Microcom	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"/> CE Microcom	Audible Signal:	<input type="checkbox"/> Gongs		Current: _____ A		

*: Suggested, F: Front, R: Rear

Traveling Cable	<input type="checkbox"/> Top Of Car Box*	Send COP Boards:	<input type="checkbox"/> To Fixture Manufacturer*
Termination:	<input type="checkbox"/> Car Operating Panel		<input type="checkbox"/> With Controller
Car Top Inspection	<input type="checkbox"/> By GAL* <input type="checkbox"/> By Others		<input type="checkbox"/> To Customer Before Controller
Station:	<input type="checkbox"/> By GAL, Weather Resistant	Inspection/Access	<input type="checkbox"/> 2-Position Access Enable Switch
Car Operation:	<input type="checkbox"/> Attendant Operation	Switches:	<input type="checkbox"/> 2-Position In-Car Inspection Switch
	<input type="checkbox"/> Car Switch Operation		<input type="checkbox"/> 3-Position Inspection/Access Switch
	<input type="checkbox"/> With Annunciator Lights	Handicap Buzzer:	<input type="checkbox"/> Passing Floor Tone
Sabbath Service:	<input type="checkbox"/> Standard <input type="checkbox"/> Special		<input type="checkbox"/> Car Call Acknowledgement Tone
<input type="checkbox"/> Auxiliary Fire Switch	<input type="checkbox"/> Remote Car Call		<input type="checkbox"/> Qualified by S Button

HALL SIGNAL FIXTURES

Hall Position Indicator:	<input type="checkbox"/> MAD Giotto* <input type="checkbox"/> Digital Binary	Hall Lantern	<input type="checkbox"/> 24 VDC* <input type="checkbox"/> 24 VAC
	<input type="checkbox"/> MAD Matisse* <input type="checkbox"/> Multilight	Voltage:	<input type="checkbox"/> CE Microcom <input type="checkbox"/> 120 VAC
	<input type="checkbox"/> MAD Raffaello* <input type="checkbox"/> 3 Character	Hall Lanterns In:	<input type="checkbox"/> All Floors* <input type="checkbox"/> Lobby Only
	<input type="checkbox"/> CE Microcom <input type="checkbox"/> French (CE)	Hall Lantern	<input type="checkbox"/> Chimes* Hall Lantern
	<input type="checkbox"/> Emotive <input type="checkbox"/> Other: _____	Audible Signal:	<input type="checkbox"/> Gongs Current: _____ A
	<input type="checkbox"/> Vega	<input type="checkbox"/> Remote Fire Command Station	NOTE: Includes
	<input type="checkbox"/> DL20		Return to Lobby and In/Out of Service Indicators.
Hall PI Total Amount: _____	Hall PI Size: _____ In.	Return to Lobby w/:	<input type="checkbox"/> Doors Open* <input type="checkbox"/> Doors Closed
Hall Digital Binary/	<input type="checkbox"/> 24 VDC <input type="checkbox"/> 24 VAC	In Service	<input type="checkbox"/> 24 VDC* <input type="checkbox"/> 24 VAC
Multilight Voltage:	<input type="checkbox"/> 120 VAC	Indicator:	<input type="checkbox"/> 120 VAC
<input type="checkbox"/> High Water Input and Reset		Out of 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			
<input type="checkbox"/> Car Call Security Indicator					<input type="checkbox"/> Inconspicuous Riser Security				

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

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 per Group: _____
<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 Complete System	No. of Monitors: _____	
	<input type="checkbox"/> Liftnet Interface	Size of each Monitor (17"/19"/23"/Other): _____	
	<input type="checkbox"/> Liftnet Software Only		
	<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

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	F	R
30																			
29																			
28																			
27																			
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3																			
2																			
1																			

Pit	<input type="checkbox"/> All Front <input type="checkbox"/> All Same as Car 1 <input type="checkbox"/> All Rear
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NOTE: All security types and special risers selected are given for every floor. For special configurations fill out page 6.	<input type="checkbox"/>	Additional Access Switch In Hall Door	Hall Access Switch Location																		
				1:	2:	3:	4:	5:	6:	7:	8:										
				F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R		
				Top Access																	
				Bottom Access																	

NOTE: Maximum of two access switch locations per car.

NOTES

SPECIAL CONFIGURATIONS

Floor Number	Car Security																Group Security								IR	Swing Riser	Swing Riser	Code Blue	VIP		
	1:		2:		3:		4:		5:		6:		7:		8:		Hall		Floor		Car		Hugs								
	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F
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