

GENERAL NOTES

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**THE FOLLOWING IS TO BE PROVIDED BY THE PURCHASER
AND/OR CONTRACTOR UNLESS OTHERWISE SPECIFIED.**

- 1) ELEVATOR TO BE CONSTRUCTED IN ACCORDANCE WITH ASME A17.1 PART 5.3 AND ALL LOCAL CODES.
- 2) ELECTRICAL REQUIREMENTS ARE BY OTHERS AS FOLLOWS:
SAFETY SWITCH EXAMPLE: "SQUARE D" -- CAT# D-322N OR H-322N
-3 POLE DISCONNECT SWITCH
-230 VAC (SEE CHART) CIRCUIT 1 PHASE FUSED WITH (SEE CHART) DUAL ELEMENT TIME DELAY (EX. RK1, RK5, J, CC)
CLASS FUSE WITH GROUND AND NEUTRAL TO BE INSTALLED IN A LOCKABLE FUSED DISCONNECT. (DEDICATED CIRCUIT)
(208 VOLT 1 PHASE REQUIRES A BUCK BOOST TRANSFORMER)
-120 VAC 15 AMP CIRCUIT 1 PHASE WITH 15 AMP PROTECTION. (DEDICATED CIRCUIT)
- 3) IT IS RECOMMENDED FOR A MINIMUM OF ONE HOISTWAY DOOR, ENTRANCE, AND ASSOCIATED FRAMING TO BE LEFT UNFINISHED UNTIL THE ELEVATOR IS SET IN PLACE. CHECK WITH LOCAL DEALER FOR PREFERENCE.
- 4) HOISTWAY MUST BE PLUMB WITHIN 1/8 INCH PER 10 FT OF HEIGHT AND SQUARE AT ANY POINT WITHIN 1/4 INCH BASED ON DIFFERENCE IN DIAGONAL MEASUREMENTS.
- 5) MACHINE ROOM MUST BE PROVIDED FOR THE OPERATING EQUIPMENT THAT MEETS N.E.C. CLEAR SPACE REQUIREMENTS AND ALL LOCAL CODES. MACHINE ROOM MUST HAVE A LIGHT AND A CONVENIENCE OUTLET. TEMPERATURE IN HOISTWAY AND MACHINE ROOM TO BE MAINTAINED BETWEEN 60-110° F AND RELATIVE HUMIDITY SHOULD NOT EXCEED 95%.
- 6) CODE REQUIRES A TELEPHONE CONNECTION TO THE ELEVATOR CAR THEREFORE, A PHONE LINE MUST BE INSTALLED IN THE MACHINE ROOM.
- 7) ALL HOISTWAY DOORS REQUIRE AN INTERLOCK, DOOR HANDLE, AND LATCH SET.
NOTE : A buildout/spaceguard on the door may be needed to meet required clearances.
- 8) ANY ALTERATIONS TO THE EQUIPMENT WITHOUT WRITTEN AUTHORIZATION BY FOX VALLEY ELEVATOR WILL VOID ALL WARRANTIES.
- 9) STRUCTURE MUST BE CAPABLE OF SUPPORTING THE APPROPRIATE LOADS. LOCAL ENGINEERING SUPPORT IS RECOMMENDED.
- 10) WHEN USED, CONCRETE MUST BE A MINIMUM OF 4" THICK 3500 PSI.

General Specifications

Series:	Excelelevator 8 lb. T-Rail		Speed:	Nominal 40 ft/min (0.20 m/s)	
Rated Load (Capacity):	1000 lb / 453.6 kg		Logic:	STANDARD	
Motor:	3 HP STARTING AMPS: 96 FLA: 17 LRA: 96				
Controller:	230V 1 PH AC 60 HZ AMP: 18.75				
Size:	24" x 18" x 8"	Circuit:	30 AMP	Fuse:	25 AMP
Cab Light Circuit:	120V 15 AMP	Oil Line Pipe:	3/4" Schedule 80		
Shut Off Valve Pressure Rating:	1265 psi / 87.2 bar				
Maximum Working Pressure:	740 psi / 51 bar		8.45 GPM / 32 LPM		
Cable:	(2) 3/8" 8-19 Traction Steel				
Cab Emergency Light/Alarm Bell:	Standard	Gate Weight:	52 lbs.		
Hoistway Door Interlocks:		Travel (in):			
Cab Size:		# of Stops:			
Cab Model:	Manual Gate(s)				

Jack Specifications

EECO

Outer diameter of the piston	76.2mm / 3.00in.
Piston wall thickness	6.10mm / 0.24in.
Outer diameter of the cylinder	114.3mm / 4.50in.
Cylinder wall thickness	6.10mm / 0.24in.
Cylinder head outer diameter	146.05mm / 5.75in.
Head thickness	25.4mm / 1.00in.



ELEVATOR CONTRACTOR:
JOB NAME: _____ ORDER NUMBER: _____

HYDRAULIC ELEVATOR NOTES & SPECIFICATIONS

DRAWN BY:	DATE:	SIGNATURE OF APPROVAL	DWG. NO. C-003038
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