

**EXCELEVATOR
HYDRAULIC
RESIDENTIAL ELEVATOR**

Specifications

Furnish and erect (one) Waupaca Excelelevator™ Hydraulic elevator with cab ___ inches wide, ___ inches deep, and ___ inches clear height, with a capacity of 750 lbs. (12 sq. ft.) or 950 lbs. (15 sq. ft.), to travel a distance of ___ ft., serving ___ stops. Travel speed shall be up to 40 fpm.

Equipment to be designed and manufactured by Waupaca Elevator Co., Inc., Appleton, WI.

TRAVEL—Up to 50 ft., up to 6 stops.

PIT—For a normal installation, an 8 in. pit is required. Local codes and/or some options may require additional pit depth.

OVERHEAD—For a normal installation with a standard 7 ft.-0 in. cab height, 8 ft.-0 in. is required above the top floor. Local codes and/or some options may require additional overhead clearance.

GUIDE RAILS—Industry standard 8# T-rails with mounting brackets every 10 ft (max.). Rails are secured using 8# rail clips.

PUMP UNIT—Has a constant displacement rotary screw pump powered by a 2½ HP..208/230V single phase motor. Oil tank requires approx 30 gallons of AW32 high-grade hydraulic oil. Can be located up to 40ft away using ¾ in. schedule 80. oil line pipe.

VALVE—Two speeds for smooth starts and stops. Working pressure is 525 psi. at 5.5 gpm.

CYLINDER—Single stage, (1 pc) 4½ in. OD. .157 in wall.

PLUNGER—(1 pc.) 2 ¾ in. OD, .197 in. wall.

CAR FRAME—Full height with synthetic rollers at the top and bottom for extra rigidity. Includes twin instantaneous safeties. Slack rope safety is also included.

CABLES—The platform shall be supported by two or more 10mm. 8x19 traction steel cables, roped 2: 1.

ELECTRIC SUPPLY—230 volts. 30 amp. Single phase, 60 hertz with 3 pole disconnect switch and branch circuit wire. For 208 volts, single phase. a Buck Boost transformer must be added. A 115 volts, 15 amp. single phase for cab light circuit.

CONTROLS—Momentary contact, fully automatic. Call buttons included for each floor, car operating panel with buttons for each landing, cab light switch with auto timeout, alarm button, and emergency stop switch.

SIGNAL SYSTEM—Emergency alarm, wall mount telephone jack, and in-use indicators. Car here lights and flush phone box are available options.

CONTROLLER—Microprocessor based and mounted in a steel enclosure with hinged door and normally surface mounted. Controller and pump unit must be placed in machine room or space.

STOPPING DEVICES—Magnetic tape reader for leveling accuracy. Final top limit switch.

OVERLOAD—Fuses and thermal overload device provided.

CAB—Standard cab is of wood panels with solid wood handrail and trim. (Recessed down light or lighting is standard). Floor is wood construction, unfinished.

CAB GATE—Solid vinyl accordion gates, in one of our four stock colors (Chalk, Off-White, Natural or Light Oak) are standard on all cabs except the Estate LTD and the Raised Panel. Solid acrylic accordion gates, in one of our two stock colors (Bronze or Clear) are standard on the Estate LTD and the Raised Panel.

HOISTWAY—Enclosures are required at all landings for safety. Hoistway can be designed to fit standard car size or Waupaca can produce a custom sized car to fit your hoistway requirements. Hoistway must be plumb and square. Installer should confirm dimensions with Waupaca Elevator prior to construction.

INTERLOCKS—Required to prevent operation of elevator unless doors are closed and locked, and to prevent opening of any doors unless cab is at designated landing. (Self closures on the doors are recommended to insure proper closing.)

INSTALLATION—To be done by an authorized elevator contractor in accordance with installation/operating instructions provided by the manufacturer and supplied with the elevator, and in compliance with requirements of the National Electric Code, American Society of Mechanical Engineers safety code, and state and local building codes. Manufacturer assumes no liability for equipment not installed in compliance with these codes.

WORK DONE BY OTHERS—Suitable hoistway enclosure including pit, doors, and guide rail-mounting supports. Machine room including door with lock, 230 volt power source including manually operated fused line disconnect (to break both lines). 115 volt power source including disconnect and 115 volt outlet and light.

CODE ACCEPTABILITY—The Excelelevator is designed to meet the requirements of ASME-A17.1 national elevator code for residential elevators, many major city code requirements, and is fully certified by a registered professional engineer.

WARRANTY—The Excelelevator carries Waupaca's well-known two-year limited warranty on material and workmanship.

