



Minimum Clear Overhead:		Up to 100 fpm	Over 100 fpm
(w/8'-0" standard cab height)	1-Stage	12'-3"	12'-6"
	2-Stage	12'-6"	12'-6"
	3-Stage	13'-0"	13'-0"

Note: For clear overhead requirements on hydraulic elevators with extended travels contact AVT Lifts Sales Department.

Inside clear cab height of 7'-6" from finish floor to suspended drop ceiling on standard hydraulic elevator 8'-0" overall high cab. Optional cabs with extended heights are available, however the clear overhead heights must be increased. Contact AVT Lifts Sales Department for details.

2100 lb. capacity elevators are not available with Single-Speed-Center-Opening, (SCO), doors.

(1) 3500 lb. capacity elevators must have 3'-6" wide Single-Speed, Side-Opening, (SSO), to meet 84" stretcher IBC Code requirement. A 4000 lb. capacity elevators must have either a 4'-0" wide Single-Speed, Center-Opening, (SCO), or 3'-6" wide Single-Speed, Side-Opening, (SSO), doors to meet the 84" stretcher IBC code requirement.

A safety/hoisting beam, which is to be provided and installed by others in the location designated on the AVT Lifts elevator shop drawings is required by OSHA 1926.502. Clear overhead is to be measured from the upper floor level finish floor height to the underside of the safety/hoisting beam.

### **Machine Room Sizing for Holeless Hydraulic Elevators**

Single Car Elevator:

Submersible Power Unit: 7'-0" x 7'-0" w/ Minimum 3'-6" Wide x 6'-8" High Door

Dry Power Unit: 10'-0" x 6'-0" w/ Minimum 4'-0" Wide x 6'-8" High Door

Dual Car Elevator:

Submersible Power Unit: 10'-6" x 10'-6" w/ Minimum 3'-6" Wide x 6'-8" High Door

Dry Power Unit: 15'-0" x 12'-0" w/ Minimum 4'-0" Wide x 6'-8" High Door

Notes:

All machine rooms must have a clear floor to ceiling height of 7'-6"

Machine room temperature range to be a 32 F minimum - 100 F maximum. The non-condensing relative humidity levels should range between 10-90%.