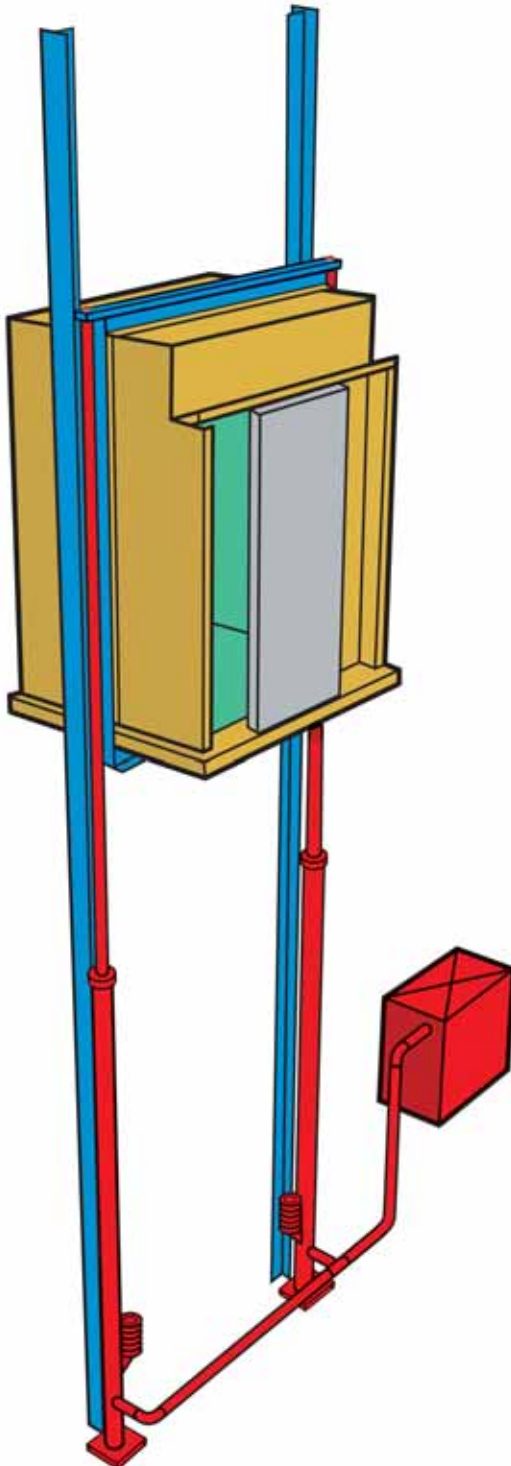




PASSENGER

Dual Jack • Front Opening



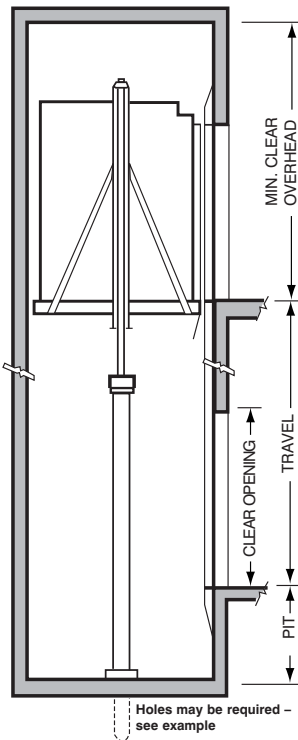
You can apply this Canton Elevator holeless elevator when difficult geology, such as bedrock or unstable silts, could drive drilling costs out of control. And, because no well-hole is required, this system can work as an above-ground installation servicing isolated floors in high-rise applications.

This series is available in 2000-lb. through 4000-lb. capacities with travels up to three floors (or more under special conditions). It incorporates our advanced hydraulic jack technology and the highest quality machinery and support components. You can choose from a variety of architectural finishes that permit you flexibility in coordinating with many decors and environs.

Like all Canton Elevator elevator systems, all components incorporated in this series are unequalled for efficient, reliable operation. What's more, they provide a simplified service format that helps assure the owner of low-cost maintenance over the long term.



This information is intended for preliminary planning. We have attempted to include the basic data that you will require in your planning efforts. For details about specific or custom installations please contact your local Canton Elevator representative, or contact us directly.



- Pit depth - 4'-0" min. is standard.
- Min. clear overhead required (based on 8'-0" high cab):
For up to 100 FPM = 11'-10".
For 100 FPM and over = 12'-1".
If available overhead clearance is less than above, cab height can be reduced according to code minimum.

- Total hoistway height required (pit floor to clear under roof) is:
For up to 100 FPM: (2) x (FL to FL travel) + 2'-6".
For 100 FPM and over: (2) x (FL to FL travel) + 3'-8".

If total hoistway height is not sufficient, (2) holes can be provided to make up required dimension. In this case, add an additional 6" to required height.

For up to 100 FPM - add 3'-0" in lieu of 2'-6".
For 100 FPM and over - add 4'-2" in lieu of 3'-8".

(If "open" holes are provided - jack unit sits on pad at bottom of hole - do **not** add additional 6".)

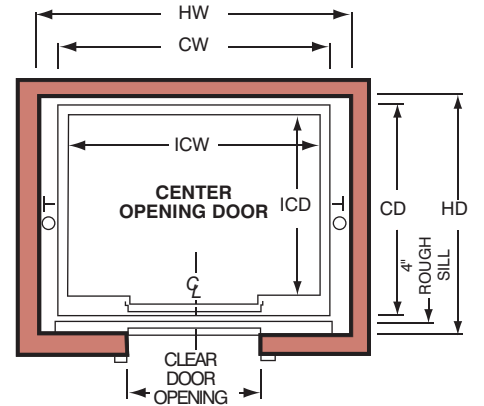
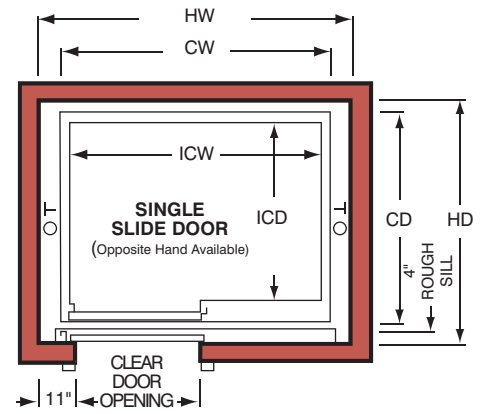
Note that clear overhead as required by code must always be maintained.

For example:

FL to FL travel of 16'-0", Speed of 125 FPM, Pit 4'-0", Overhead 13'-0" (exceeds 12'-1" required by code)

| Available | Required | |
|---------------|-------------------------|----------|
| Travel 16'-0" | (2) Travel = (2) 16'-0" | = 32'-0" |
| Pit 4'-0" | Over 100 FPM | + 4'-0" |
| O.H 13'-0" | Required | = 36'-0" |
| 33'-0" | Available | = 33'-0" |
| | Holes read | = 3'-0" |
| | Add additional | = 6" |
| | Hole depth required = | 3'-6" |

- Speeds available to 150 FPM
- Contact factory for travel over 30 ft.



NOTES:

1. Adequate supports for rail fastenings are required at all rail bracket locations (14' maximum spacing). Concrete or block walls (or steel or concrete beams) are recommended for support. Inserts should be furnished in block or brick walls. Blocks must be filled with mortar around inserts to provide rigid support.
2. Pit and overhead clearances shown are in accordance with ANSI code requirements.
3. A pit ladder (by others) is required if pit depth exceeds 36" (Rule 106. 1d).
4. If holes are required: leave (2) 12" square holes in pit floor at location shown to be grouted in by others after jacks are set - or gen. contr. to provide (2) 24" diameter "open" holes of required depth, with concrete pad at bottom to support jack unit mounting plate.
5. Top of hatch must be vented in accordance with building codes.
6. A 110V outlet is required in pit.
7. Hoist beam to be removed by others after elevator installation, if minimum cab clearance is not available.

MACHINE ROOM

- An area 5'-6" x 7'-0" x 8'-0" high is usually adequate for single car installation, with 3'-0" wide door opening for access.
- Recommended location is adjacent to elevator hoistway at lowest landing; however, it can be remotely located - and at any level - if necessary.
- Adequate heating and ventilation to meet code requirements must be provided.

| DIMENSIONS | CAPACITY | | | | |
|---------------------------|----------|--------|-------|--------|--------|
| | 2000# | 2500# | 3000# | 3500# | 4000# |
| HW | 7'-4" | 8'-4" | 8'-4" | 8'-4" | 9'-4" |
| HD | 5'-11" | 5'-11" | 6'-3" | 6'-11" | 6'-11" |
| CW | 6'-0" | 7'-0" | 7'-0" | 7'-0" | 8'-0" |
| CD | 5'-2" | 5'-2" | 5'-6" | 6'-2" | 6'-2" |
| ICW | 5'-8" | 6'-8" | 6'-8" | 6'-8" | 7'-8" |
| ICD | 4'-4" | 4'-4" | 4'-8" | 5'-4" | 5'-4" |
| CLEAR DOOR OPENING | 3'-0" | 3'-6" | 3'-6" | 3'-6" | 4'-0" |

* Car depth and hatch depth can be reduced by 1" if conditions require.
2000-lb. car complies with NEII recommendations for car to accommodate wheelchair.
2500-lb. and larger cars comply with NEII recommendations for car to accommodate ambulance size stretcher when equipped with single slide doors.



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