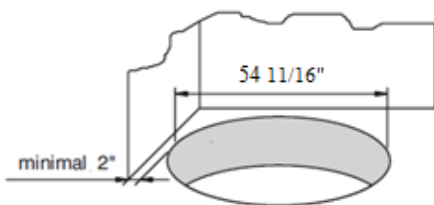


The below requirements are for the vacuum elevator model Air52. The external diameter of the Air52 is 52 11/16" (1,339mm).

Standard Model

- Minimum height required at the ground floor is 92" (2,34 m).
- Minimum required height at the upper floor is 107" (2,70 m).
- Diameter of finished through floor hole must be 54 11/16" (1,39m).
- When installing a three or four floor elevator, all openings' circular perforations should be perfectly aligned.
- The electric feed shall be 220VAC single phase through an independent line of conductors of AWG N° 10 (6mm²); there shall be ground connection and a thermo-magnetic switch of 35A to be used exclusively for the elevator. The electrical supply is to be near the head (elevator's top portion) and it is required to leave the female electrical receptacle at the top center of the elevator.
- It is strongly recommended that a Buck Boost or voltage stabilizer be installed along with the electrical work to prevent any damage to electrical components due to voltage fluctuation.
- When installing the elevator, consider the total dimensions, as a small room will generate a higher noise level. Therefore, it is not advisable to install the split motor in a very small facility.
- There must be an opening to make way for the cylinders of 54 11/16" (1,39 m) in diameter and of 92" (2,34 m) in length down to the ground floor. This access may be through door or window openings.
- Install a hook to bear 3200lbs at the ceiling where the elevator is to be installed to lift the cylinders. If it is impossible to install this hook, the minimum height at the last level shall be at least 109" (2,75 m).
- In no case must the perforation of the ceiling be less than 2" (5cm) from the wall, in order to allow for the installation tripod.



Split Unit Model

All requirements for the split unit model (remote location of head unit) are the same as the standard model except for the following...

- Minimum required height at the upper floor is 97" (2,47 m).
- Required space for remote location of head unit in attic or adjacent closet is 34" L x 24" W x 24" H (.86m x 0.61m x .61m)
- Remote location of head unit can be accommodated up to 30 linear feet (10 m) away from the elevator.
- Split unit connections require two 4" (10cm) PVC pipes to run the distance from the top of the upper floor cylinder split plate to the remote location of the head unit.
- Air supply to split unit has to be drawn from interior of residence (proper housing of head unit and air duct to interior of home required) housing of unit in attic should be a minimum of 6" greater on all sides than equipment.
- Electrical power supply to be provided within direct access to remote location of head unit.

