

5.0 VERTICAL CIRCULATION

5.1 PASSENGER LIFTS & LIFTING PLATFORMS

THIS SECTION DEALS WITH THE PROVISION, LOCATION AND DESIGN OF PASSENGER LIFTS AND LIFTING PLATFORMS.

PERFORMANCE OBJECTIVES

The design and provision of accessible passenger lifts in terms of number, location, size and function shall be appropriate for the size, function, occupancy and use of the building such that all users are able to access all floors. Lifting platforms shall only be used for existing buildings.

5.1.1 MANDATORY PROVISIONS

The provision of lifting devices (see figure 39) will satisfy the performance objectives if:

GENERAL

1. All lifts in a building have appropriate provisions for the ambulant disabled and people with sensory impairments.
2. At least one lift in a building, serving all floors, is accessible to wheelchair users.
3. The lift lobby provides an unobstructed manoeuvring space of 1500mm x 1500mm as illustrated in figure 39.
4. The minimum internal accessible lift car dimensions are 1200mm wide x 1400mm deep.
5. The location of lifts is clearly identifiable from the building entrance and the routes to lifts

are step free, direct and free from obstructions.

6. Lift call buttons are mounted 900mm to 1100mm above finished floor level and at least 500mm from any return wall.
7. The mounting plate for the lift call buttons contrasts visually with the wall and the buttons contrast visually with the mounting plate. Call button symbols are embossed to facilitate tactile reading and light up when pressed.
8. The lift car doors and the floor area outside the lift contrasts visually with the adjacent walls.
9. Visual and tactile floor level indicators are provided adjacent to the lift call buttons and on the wall opposite the lift doors.
10. Within the lift lobby area it is possible to hear and see visual and audible indication of the lift arrival, direction of travel and the location of the available lift within a bank of lifts.

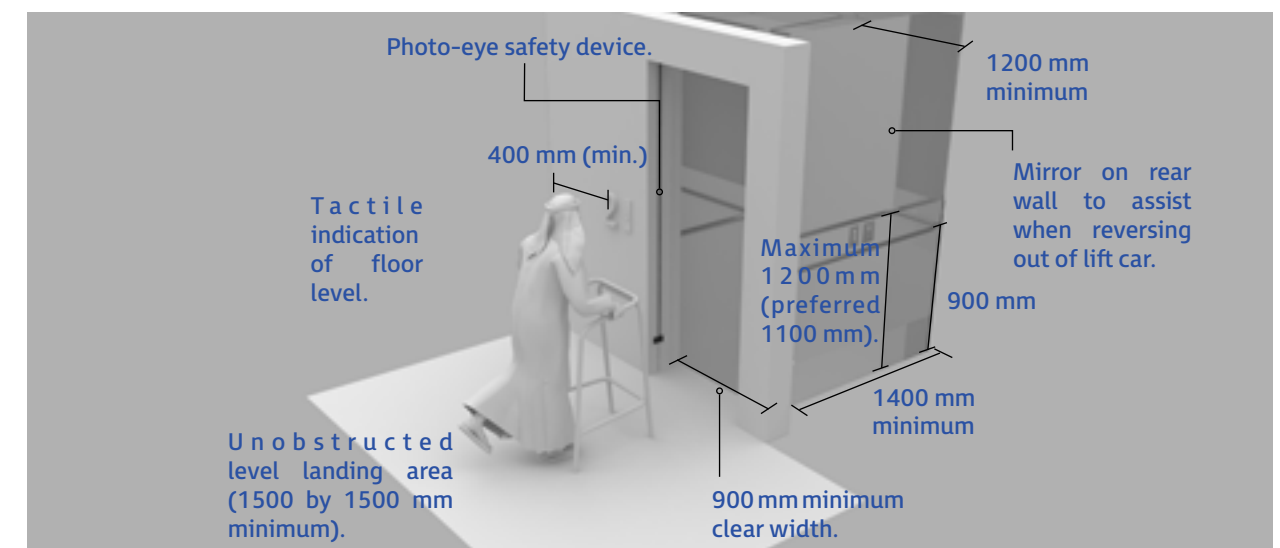


Figure 39 / lift dimensions