

Ecocell®

Evacuation Lifts

Ecocell®: The simplest solution for a fully compliant, eco-friendly, evacuation lift.

Morris Vermaport Ltd introduced the Ecocell® range of battery powered lifts to the UK 10 years ago. They have been designed to reduce energy consumption and to provide an “integrated stand-by power supply” for evacuation and power loss situations, answering all those accessibility issues for disabled or other users.

Ecocell® lifts are available in all sizes up to 13 persons, with geared or gearless machines, and options for “thru car” or “open adjacent” entrances. The Ecocell® can also reach speeds of up to 1.0m/s and travel up to 40m.

Accessibility

A key challenge is making your building accessible. The Ecocell® lift provides accessibility for all as it can be fitted as a new lift, or a replacement lift, ensuring that elderly or disabled users can access all areas.

Sustainability

The Ecocell® lift has a bank of individual batteries and chargers, which can be charged from alternative power sources such as PV cells or wind turbines.

Assessed to give 2 credits under the BREEAM-Ene 06 “energy efficient lifts”.

An emergency evacuation lift

The Ecocell® easily converts into an evacuation lift since it already has an in-built secondary power supply, as required by BS 9999.

The Ecocell® will continue to run in the event of a power failure. As an evacuation lift it will do over 100 journeys on battery power alone.

Self-evacuation

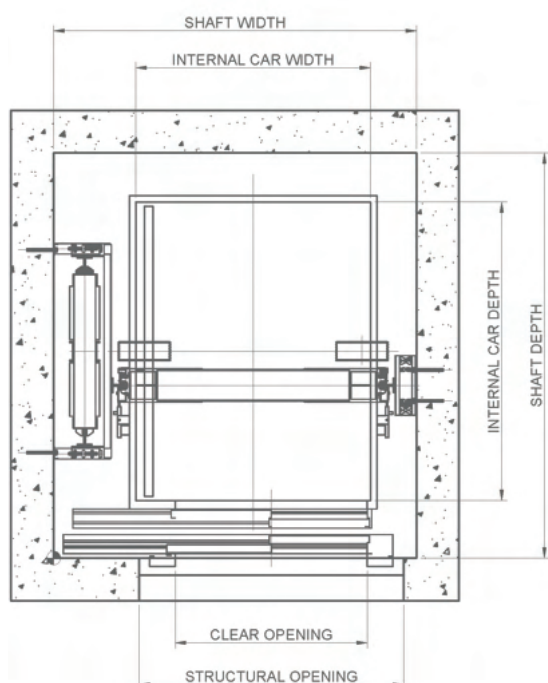
Self-evacuation is now available on the Ecocell®, utilising an access control system to give priority call and fire recall isolation to disabled users, allowing them to self-evacuate as part of their PEEP.



Benefits of Ecocell® Lifts

- Battery backup system - no loss of lift service in the event of a blackout or power-down.
- Excellent energy efficiency- independently verified by the Environmental Technology Centre, University of Nottingham.
- Photovoltaic panels can be installed as an option to recharge the batteries and on low usage can even power the lift for free.
- Reduced operational costs up to 10 times less than a conventional traction passenger lift and 15 times less than a conventional hydraulic passenger lift.
- Adds to the sustainability of the built environment.
- Guaranteed battery life.

Car capacity (kg)	6 Person 480	8 Person 630	10 Person 800	13 Person 1000	13 Person 1000
Configuration	Single Entry	Single Entry	Single Entry	Single Entry Square	Single Entry Stretcher
Car Size W x D (mm)	950 x 1300	1100 x 1400	1350 x 1400	1400 x 1600	1100 x 2100
Shaft Size W x D (mm)	1550 x 1650	1650 x 1800	1900 x 1800	1950 x 2000	1600 x 2500
Door Opening (mm)	800 - 900	800 - 900	800 - 900	800 - 1000	800 - 1000
Pit Depth (mm)	1200	1200	1200	1200	1200
Headroom (mm)	3600	3600	3600	3600	3600
Max Travel (m)	40	40	40	40	40
Speed (m/s)	1	1	1	1	1
Power (V)	240v 1ph	240v 1ph	240v 1ph	240v 1ph	240v 1ph
Amps (A)	50Hz 32 Amps	50Hz 32 Amps	50Hz 32 Amps	50Hz 32 Amps	50Hz 32 Amps



Contact us for more information:

Phone: 0115 973 7500

Email: ecocell@mvlifts.co.uk

Web: www.morrisvermaport.co.uk