

**create
space**
and never
forget

POD 25 ft

Maintenance instruction

Applied systems



EXPANDABLE
movable spaces

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1. Maintenance intervals

The following sections describe the maintenance schedule for supplier produced systems such as BPW, LG, and GEZE. This information is intended to give customers a quick insight into the maintenance of the various systems built by suppliers of Expandable B.V. The maintenance schedule of the products built by Expandable B.V. can be found also in this Maintenance instruction. For carrying out maintenance work, Expandable B.V. refer to the documentation of the manufacturers of the products.



The documentation of the products built by suppliers such as BPW, LG, and GEZE are always leading. Therefore, always consult the relevant documentation or possibly the website of these brands.

1.1 Periodic maintenance schedule

Carry out the following inspections periodically at the interval mentioned.

Check	Daily/ before each journey	every 5,000 km or two weeks	every 5,000 km or monthly	every 30,000 km or every 3 months	every 60,000 km or every 6 months	every 120,000 km or every 12 months	Every 2 years	Instruction	Responsible Party
Exterior lighting	X								Driver/operator
Oil level			X					User manual	Driver/operator
Slide out support beam				X				Will be developed	Driver/operator
Hydraulic fil- ter						X		Will be developed	Service work- shop
Hydraulic oil							X	Will be developed	Service work- shop
Interior light- ing						X ¹			Service work- shop
Periodic inspection by legis-						X			Service work- shop

Check	Daily/ before each journey	every 5,000 km or two weeks	every 5,000 km or monthly	every 30,000 km or every 3 months	every 60,000 km or every 6 months	every 120,000 km or every 12 months	Every 2 years	Instruction	Responsible Party
lation									

¹ According to NEN 1010

1.2 LG Airco sytems



Before performing any maintenance, turn off the main power to the system.

1.2.1 Indoor unit

Grille, Case and Remote Control

1. Turn the system off before cleaning.
2. To clean, wipe with a soft, dry cloth.



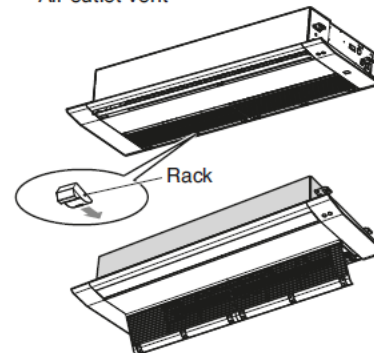
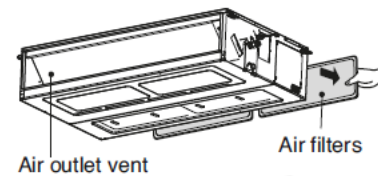
Do not use bleach or abrasives.



Supply power must be disconnected before cleaning the indoor unit.

Air filters

The air filters behind the front grille should be checked and cleaned once every 2 weeks or more often when necessary.



TU chassis : 4 EA Rack



Never use: Water hotter than 40 °C. Water hotter than 40°C could cause deformation and/or discoloration

		Volatile substances can damage the surfaces of the air conditioner. 
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1. Remove the air filters.
Take hold of the tab and pull slightly forward to remove the filter.

		When the air filter is to be removed, do not touch the metal parts of the indoor unit. It may cause an injury.
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2. Clean dirt from the air filter using a vacuum cleaner or washing with water.
If dirt is conspicuous, wash with a neutral detergent in lukewarm water.

		Do not use water with a temperature hotter than 40°C to avoid deformations.
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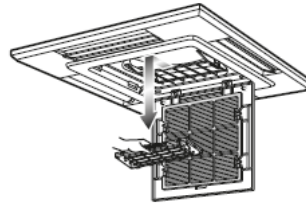
3. Let the filter dry in the shade after washing.

		Do not expose the air filter to direct sunlight or heat from a fire when drying it.
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4. Install the air filter.

Purifying filter(Optional)

The PLASMA filter behind the air filters should be checked and cleaned once every 3 months or more often when necessary.



1. After removing the air filters, pull slightly forward to remove the PLASMA filter.
2. Dip the PLASMA filter into the water mixed with neutral detergent, for 20~30 minutes.
3. Dry the PLASMA filter in the shade for a day (Especially, the humidity must be removed perfectly on this parts).



Note the cuts of electric discharge lines.

4. Re-install the PLASMA filter to the original position.

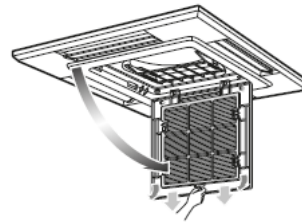


Don't touch this PLASMA Filter within 10 seconds after opening the inlet grille, it may cause an electric shock.

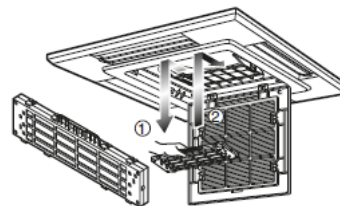
Replacement

Change the filter every 2 years.

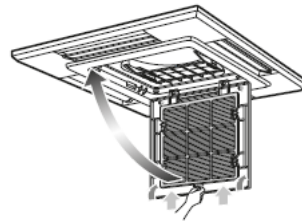
1. Open front panel and remove air filter.



2. Remove air purifying filter.
3. Insert new air purifying filter.



4. Reinsert air filter and close front panel.



Always consult the LG documentation for detailed information. This is always leading.

1.3 Cleaning and maintenance GEZE electrically operated sliding doors

The sliding doors of the manufacturer GEZE should be serviced annually by a GEZE service technician.



Set the mode of operation to “Off”.

- Secure door leaves against accidental movement before carrying out cleaning work.
- Cleaning should only be carried out by persons who have been instructed in the safety devices.
- Mark the door accordingly during cleaning.
- During cleaning work, secure the system against unauthorised switching of the mode of operation.

What is to be cleaned

Safety sensor
Glass surfaces
Stainless surfaces
Coated surfaces
Anodised surfaces
Programme switch

Table 1 Cleaning and maintenance GEZE

How is it to be cleaned

Wipe with moist cloth.
Wipe with a suitable glass cleaner and dry.
Wipe with non-scratching cloth.
Wipe with water and soap.
Wipe with non-alkaline potassium soap (pH value 5.5...7).
Wipe with damp cloth. Do not use a cleaning agent.

1.3.1 Maintenance



- ☐ The owner must ensure that the system is working perfectly. In order to ensure faultless operation, the door system has to be maintained by a service technician when the main tenance indicator lights up.
- ☐ Slimdrive SL T30 must be permanently ready to use. The operator is responsible for checking its functioning at least once a month.

The maintenance displays are located at the programme switches. The version differs depending on the programme switch used:

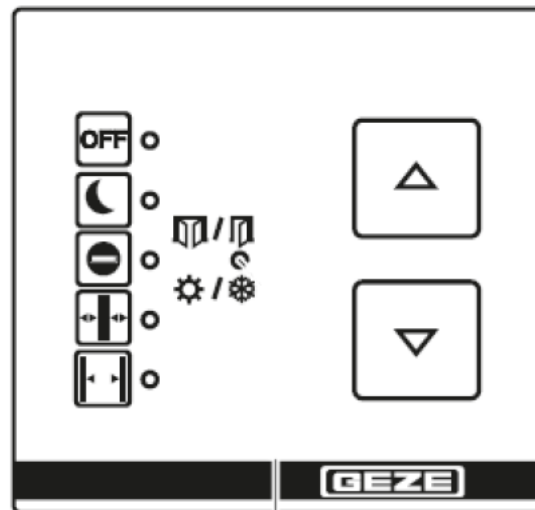


Fig. 1-1

Programme switch Maintenance indicator

Display programme switch

A red dot (17) appears at the bottom right of the display (also refer to Chapter 3.3.1 (GEZE manual).

TPS

“Reduced opening width” LED (18) flashes.

MPS, MPS-ST

LED (19) flashes.

Table 2 Cleaning and maintenance GEZE

The maintenance display lights up after the specified calendar period or number of opening cycles, depending on what occurs first:

Door system	Calendar period	Opening cycles
Standard	1 Year	500.000
FR variant	1 Year	200.000
RD variant	1 Year	200.000
T30 variant	1/2 year	200.000

Table 3 Cleaning and maintenance GEZE

GEZE offers maintenance contracts with the following services:

- ☐ Cleaning and readjustment of roller carriage and tracks
- ☐ Inspection and adjustment of toothed belts
- ☐ Inspection of door suspension plate and floor guide
- ☐ Inspection of fixing elements for firm fit
- ☐ Performance of miscellaneous adjustment work
- ☐ Performance of operational checks
- ☐ Perform function test for SL-RD and SL-T30

1.4 General periodical check list Expandable Pod

Vehicle data

Chassis Number

Registration number

Kilometres / Miles ABS-EBS /

Customer

Date:

Expandable Pod	To access	Check	Condition
Chassis	Check welds and bolted assemblies	☐	☐
Lifting cylinders	Check lifting and lowering using the control panel	☐	☐
Slide outs	Check extension and retraction using the control panel	☐	☐

Expandable Pod	To access	Check	Condition
Folding floor	Check that the folding floor folds in and out smoothly	☐	☐
Pod	Check for correct attachment and wear	☐	☐
Hose couplings	Tightness check of couplings	☐	☐
Lights	Check for correct operation and faults	☐	☐
Surfaces	Painting, Galvanising, Painting KTL	☐	☐
Periodic	Functional check	☐	☐
Floor	Screw tightening	☐	☐
Floor end	Check for damage to sealing weld, repair if necessary	☐	☐
Superstructure	Visual inspection	☐	☐
Roof	Visual inspection	☐	☐
Door tightness	Visual inspection	☐	☐
Door closing	Visual inspection	☐	☐

Expandable Pod	To access	Check	Condition
Interior of super-structure	Check for defects / leaks repair if necessary. Check tightness welds and repair if necessary	☐	☐
Operation panels	Check for faultcodes, blocking during retraction and extension, functionality according to user manual	☐	☐
Hydraulic system	Check for leaks in pipes and connections (if damaged - limited lifting force)	☐	☐
Door stop	Check correct operation, repair if necessary	☐	☐
Floor protection seal	Check for damage, repair if necessary	☐	☐
Air pipes	Check air pipes - fastening - check fastening system, repair if necessary	☐	☐
Superstructure	Visual platform check	☐	☐

Table 1 Periodical test report.

Check: ☐ NOT Checked, ☒ Checked. **Condition:** ☒ NOT OK, ☒ OK



Document any existing damage to the Expandable Pod before starting to work. For further technical details **always check** the latest operating instructions.

any questions?

contact us

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EXPANDABLE

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