EVERGREEN
MEDICAL PRODUCTS

Four Mattress Types

What each asks of your team · Long-term care and community · 2026

The four types

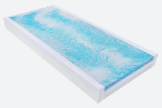
Evergreen offers all four

1

Foam

Non-powered. Nothing to inflate.

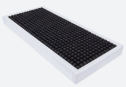
2



Gel-infused foam

Non-powered. Nothing to inflate.

3



Non-powered air-filled inserts

No powered pump. Set and checked by hand.

4



Powered surface

Evergreen surfaces automate pressure setup and therapy.

Through the day

What each asks of staff

	FOAM AND GEL-INFUSED FOAM	NON-POWERED AIR-FILLED INSERTS	EVERGREEN POWERED SURFACE
Setting the pressure	Nothing to set	By hand, every section, with a hand pump	Auto-Detect sets it
After a return to bed	No inflation adjustment	Hand check of every section	Therapy continues automatically
Changing the loaded areas	Only when the resident moves or is repositioned	Only when the resident moves or is repositioned	Alternating pressure
Head of the bed raised	No adjustment	No air added	Auto-Fowler adds air (OpalAir, OpalAir Turn)
If pressure falls	Not applicable	No alarm; hand checks are required	Audible and visual alarm
Heat and moisture	No powered airflow	No powered airflow	Low air loss

12

NON-POWERED AIR-FILLED INSERTS

Twelve hand checks in one day.

One mattress with four sections, each checked by hand after breakfast, lunch and supper. The cited manual requires checks at least daily, at every return to bed and after positioning-pillow placement.

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EVERGREEN POWERED SURFACE

The same day: the pump does the work.

The pump keeps the pressure it set, the therapy continues automatically after every return to bed, and an alarm signals if pressure falls.

For your care team

Questions to ask, and when to assess for powered

Using non-powered air-filled inserts? Five questions

1. Who does the hand check of every section, every day and at every return to bed, including nights and weekends?
2. Is everyone who returns a resident to bed trained to do the hand check and use the hand pump?
3. Where are the hand pump and repair kit kept?
4. How long does one hand check take, and how many are done each day? Time it for one resident.
5. Where is each check recorded, and what happens when a section has lost air?

Seven signs to consider a powered surface

1. Can't reposition themselves
2. Skin or clinical condition deteriorating
3. Moisture and heat buildup
4. Altered skin or Stage 1 injury
5. Stage 2–4 or unstageable injury
6. Multiple pressure injuries (not counting heels)
7. Injury can't be offloaded, or not healing despite optimal care

On every surface: inspect the equipment at least daily, and keep repositioning.

See a powered surface on your unit

Scan for the full guide. Book a demonstration and talk through a trial around one resident's or client's needs:
evergreenmedicalproducts.com/demo

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Insert requirements are from one manufacturer's manual for a non-powered, hand-inflated air overlay; follow the instructions for the product you use. The twelve-checks example is an illustration, not a measured staffing figure. Powered column: Evergreen product information. Any one sign is a reason to assess; assessment and a trial select the surface. © 2026 Evergreen Medical Products.