

## **Cellular corrugated mattress**

Another type of wavy mattress that is widely used and popular is the cellular mattress, which is usually for patients whose weight is more than 80 kg, and they are generally used in hospitals.

Its salient features are listed below:

They have 17 tubular air tanks (cells) made of a combination of nylon and PVC with dimensions of length 190 cm, width 85 cm, and width 11 cm. Some of the cells are come with laser micro holes in order to made ventilation in area which can lead to sweating & it's possible to order in advance.

They have a compressor motor with dimensions of length 33 cm, width 15 cm and width 12 cm.

As its name suggests, this type of wavy mattress consists of cells that are horizontally placed together.

They are placed and connected by connections, and they are emptied and filled sequentially with air pumping.

The price of cell wave mattresses is higher than the egg type wave mattresses and they are used for patients and clients who have severe physical and movement weakness and are also prone to bed sores.

It is better for people who have more sensitive skin, such as the elderly, who have less skin turgor and whose skin is fragile, to use cellular wavy mattresses, which are mostly used in hospitals. With the help of cellular or ovoid structure and the use of elastic air mattresses, the bedsore mattress increases the patient's movement capabilities and distributes the weight on a wider surface, preventing the pressure on the body tissues and the formation of bedsores.

Therefore, the wavy mattress is a mattress-type tool that uses the wavy state of the air mattress to reduce the possibility of bed sores or pressure sores.