

Newsletter

SUN FLOWER

" INFINITY SWIMMING POOLS ...THE WONDERFUL EXPERIENCE OF SWIMMING "



Marina Bay Sands Hotel and Casino Singapore

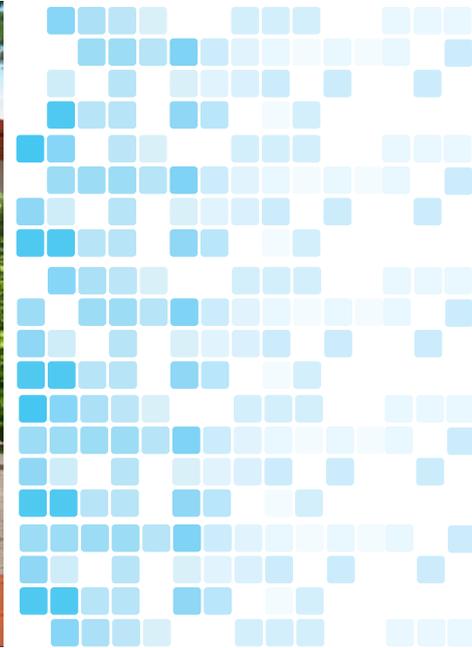
An INFINITY SWIMMING POOL also called as NEGATIVE EDGE POOL has been constructed with an illusion of extending all the way to the horizon. From the right perspective, this pool seems to stretch on endlessly and contractors often place the pool strategically so that it appears to merge with a larger body of water, like the ocean. This eye catching pool design was adopted by many luxury resorts which tout their infinity pools in brochures and other promotional materials.

Infinity pools come either in reflecting pool or actual swimming pool designs. Infinity swimming pools, though, aren't an inexpensive undertaking, and it requires a lot of work to put one in. Often, an infinity pool is sited along the edge of a cliff or just before a beachfront. The edge of the infinity swimming pool that will create the illusion of an endless horizon is the most important and precise of the pool's edges to be built.

Although the basics of the pool are the same as those for a regular pool, the contractor must be especially careful at the infinite edge of the pool. The edge of the pool is actually below the water level, allowing water to sluice over it and in to a trough that collects the water and circulates back in to the pool. The filtration and cleaning systems can be incorporated in to this trough so that the sound of falling water will cover up the noise of a pool filter system. Essentially, every pool of this type is a custom design, which allows the designer a wide range of flexibility in shape and placement.

An infinity pool provides better circulation than a skimmer type pool, but is also prone to more heat loss due to a higher water surface area when the infinity edge is operating.

When installing an infinity pool, caution should be taken that the infinite edge of the pool will draw the eye of the observer, so it is important to make sure that there is something beautiful beyond it. The designer should plan to cooperate with the landscape designer to create a pleasing backdrop for the pool.



3D View : Dr.Geetha at E.C.R Chennai

Pool Edges

In an infinity swimming pool, at least one of the pool's edges must be negative sloping, or below the operating waterline. The water that flows over the infinity swimming pool's edge is collected in a trough constructed beneath that negative edge. Once water is in the infinity swimming pool's trough, it's collected and then repumped back into the pool. There are also infinity swimming pools where water flows over all the edges, but they're more difficult to maintain from the user point of view.

Construction

Pumps in infinity pools have to be powerful enough to push water over the negative edge, which must be perfectly even as well. Pumps in an infinity pool also have to be strong enough to collect trough water and put it back into the pool. In addition, an infinity pool's water collection and return system has to be precisely built.

Considerations

Infinity swimming pools only push water over their edges when their dedicated pumps are operating. When an infinity swimming pool's pumps aren't running, water will remain just below the lip of the negative-edge side of the pool. It's very important that an infinity swimming pool be level, to prevent runoff of the pool's water over the negative edge of the pool itself. The illusion of an infinity pool's infinite horizon depends on properly siting it along the appropriate horizon.





Design conceived & developed by *Sun & Black Flowers*

Pool Maintenance

- Remove any large accumulation of debris on the bottom with a leaf scoop.
- Feed the pool with chlorine or other sanitizer to satisfy its requirements either manually or automatically.
- Check that the water level is high enough for the pump to operate correctly.
- Test and adjust sanitizer level (may require more frequent testing depending upon bather load and environmental conditions)
- Visually inspect pool water for clarity, color and visible contaminants
- Remove floating leaves
- Test and adjust Alkalinity
- Test and adjust Oxidizer and Stabilizer levels
- Clean the tile at the water line
- Check filter pressure and backwash only if required
- Check water level and adjust as necessary at the prescribed rate of 1" (25mm) per hour
- Add a preventative dose of algaecide as necessary

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