



Air safety cushion for diving from a 3 m diving board

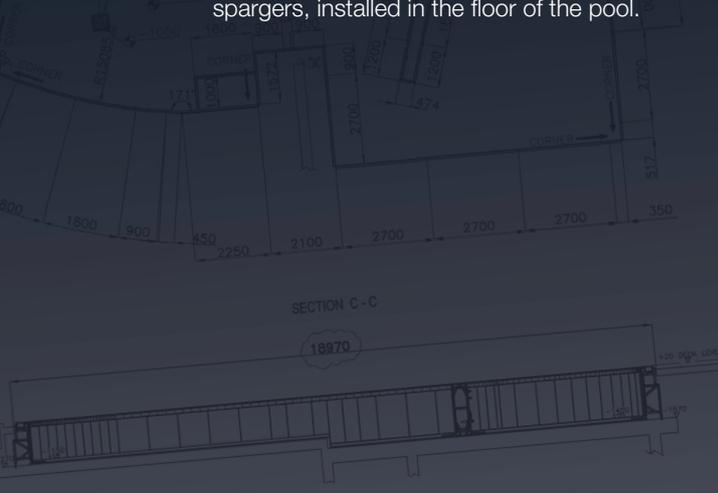
The system, installed worldwide in Olympic and similar high level facilities, was born out of the concept of generating a uniform mixture of water and air in the area where the diver enters the pool.

It produces an air cushion that allows the diver to practice the most difficult of dives without risk of serious injury when entering the water.

The coach controls the system with a hand held remote, that starts and stops an air valve that corresponds to the selected position.

He may therefore activate the system before the diver actually leaves the diving board.

The valve then closes automatically basing on a time factor controlled by a programme inside the electrical control box. The system includes a high pressure compressor, with a large capacity air tank which regulates the released air through a series of spargers, installed in the floor of the pool.

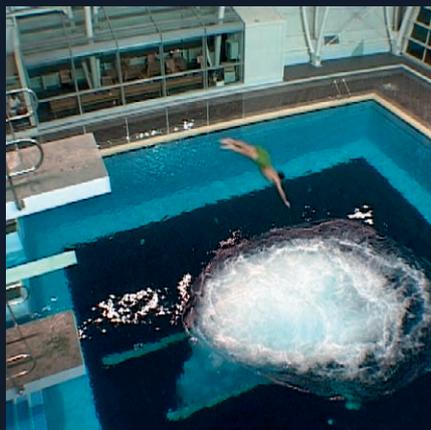
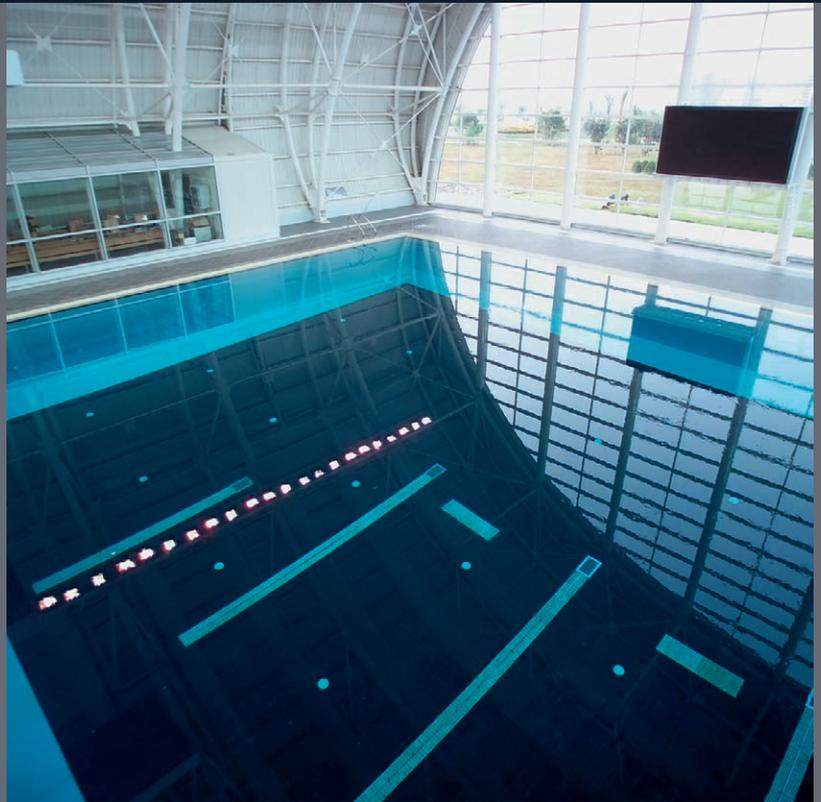


SECTION D-D
SCALE 1:10
510
125
85

Installation

Installation may be carried out both in pools under construction and in existing pools. In the first case Myrtha Pools provides designs and technical instructions for the necessary operations in concrete, as well as supervision under the guidance of their own installers specialised in this type of work.

The installation of the system is also possible in case existing pools. Further to proposals and project designs provided by Myrtha Pools, the air cushion release system may be installed together with the RenovAction technology. Myrtha Pools thought up this system for the refurbishment of obsolete pools. In these cases, the installation of the cushion may be also programmed in a later phase to the initial refurbishment of the pool, for example at the same time as eventual maintenance operations.



How it works

Safety air cushion system is a combination of a high-pressure compressor, a large capacity air tank and then all the necessary tubes and connectors with the spargers installed on the floor of the pool.

In addition the system includes all of the necessary valves, as well as automatic devices, safety systems and air filters, to ensure an

appropriate air flow, readily available to the spargers.

A motorized valve assembly is used to direct the air to the appropriate sparger, and the system is operated through a control panel which is mounted on the pool deck.

A portable radio wave control device is connected to this panel for the coach to use at his ease.



Via Solferino, 27 - 46043 Castiglione d/Stiviere (MN), Italy - P. O. Box 7
Tel. + 39 0376 94261 Fax + 30 0376 631482
info@myrthapools.com - www.myrthapools.com

