

VARIO POOL

THE REAL DEPTH INVESTMENT



PRODUCT INFORMATION
MULTIPLE SECTION SUBMERSIBLE BULKHEAD

MULTI SECTION SUBMERSIBLE BULKHEAD

PRODUCT DESCRIPTION

A Variopool submersible or vertical bulkhead is designed to split a standard swimming pool into more than one individual spaces. The multiple section bulkhead facilitates a rapid transformation to the pool by creating even more independent water areas to host different activities for different groups than the traditional bulkhead. In its lowest position the submersible bulkhead disappears completely into a recessed niche located in the bottom of the pool tank creating a completely even pool floor. The system is easily operated from pool side using a custom programmed touchscreen control panel.

Once up in position, the locked bulkhead creates a solid partition closing off the area from the pool base to above water level so various activities can take place simultaneously. With the bulkhead in the up position the second part can go as deep as -1.4 mtr, creating up to five separate areas. The bulkhead face panels are slotted so that it does not interfere with the proper circulation of the water.

The multiple section submersible bulkhead is based on a buoyant system which can be raised or lowered with the aid of a hydraulic cylinders pulling on stainless steel cables. The steel cables attached to the bulkhead frame are directly connected to the cylinders by way of a self-lubricating pulley system eliminating any chance of contamination to the pool water. This buoyant system is a proven concept characterized by its simplicity and a minimum of moving parts resulting in a high level of reliability and lower maintenance costs.

Variopool submersible bulkheads are suitable for professional use and are fully compliant with the minimum requirements set by the FINA as well as European Norm EN13451-11.

TECHNICAL SPECIFICATIONS

Material - construction	Pickled and passivated Stainless Steel 316L frame construction
Material - finish	Slotted 20 mm thick Polypropylene panels with a non-slip surface
Colour	White (RAL 9010)
Buoyancy	Max. 200 kg/m ²
Material - cables	Dual Stainless Steel 316L twisted cables (individually certified)
Guide channels	Two (2) Stainless Steel channels incorporated into the pool walls
Actuating system	Hydraulic cylinders
Speed	250 – 330 mm/min.
Controls	PLC technology including programmable software

CONVENIENCE AND SAFETY

The submersible bulkhead has a standard base model which can be equipped with additional convenience features:

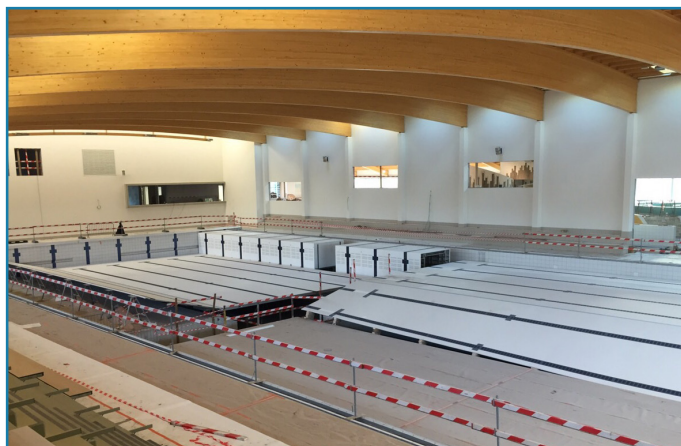
Standard	• Lockable control panel with custom Touch Screen and emergency button
Standard	• Internet connection cat. 6 for immediate remote maintenance access
Standard	• Warning light and sounder
Standard	• Finger grips on top edge and integrated anchors for swimming lane ropes
Standard	• Two access hatches for maintenance
Standard	• Competition racing lines in colours blue (RAL5013) or black (RAL9005)
Optional	• Integrated connections for competition timing equipment (Omega et al.)
Optional	• Foundations for starter blocks and/or integrated foot ledge
Optional	• Removable mirror-polished hand rails

REFERENCES

Below is a short list of references and two technical impressions. Variopool has designed and installed a multiple section submersible bulkhead. Feel free to contact us should you have questions about these or any other Variopool product by calling +31 226 333 000 or email via info@variopool.nl



Gent, Belgium



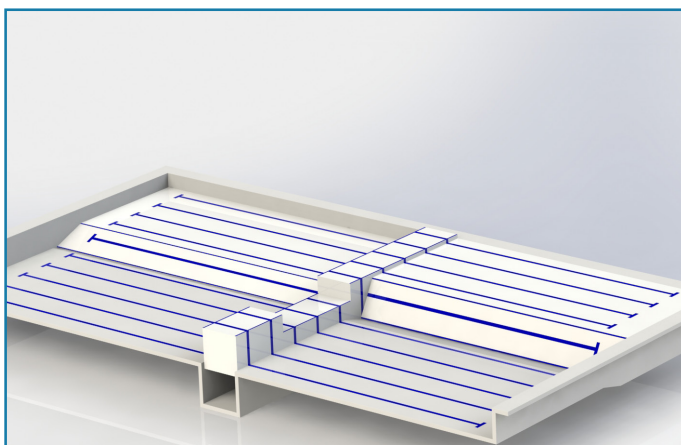
Brugge, Belgium



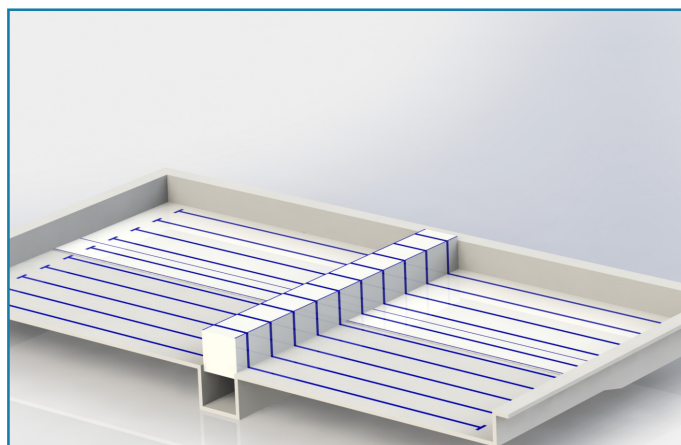
Umea, Sweden



Eskilstuna, Sweden



Three section bulkhead



Three section bulkhead