

OEM



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Proprietary Note for Rectangular – Modular - Hyperbaric Oxygen Therapy Chamber

'xx' Tekna manufacturers Hyperbaric Oxygen Chambers for various applications from its two locations at Florida, USA and Chennai, India. Its primary focus is on medical applications to treat various clinical indications. Tekna obtained US FDA clearance for its manufacturing locations and all its current models of Monoplace and Cylindrical Multiplace Hyperbaric Oxygen chambers. They are "ASME U" Stamped and PVHO-1 & NFPA-99 code compliant for each chamber. Most of our installation base is at USA and in few other countries including India.

Tekna recently developed Rectangular Modular HBOT Chamber which is very unique and is first of its kind in the world. No other company manufacturers have developed "Rectangular Modular HBOT Chambers" and thus it's a proprietary item of Tekna. It's developed from our R&D centre at India.

Traditionally Multiplace Hyperbaric chambers consist of more than one seat and is manufactured and delivered as per the client requirement but strictly within the frame work of US FDA guidelines. They are manufactured by single welded construction to accommodate the required no. of seats. If the client wishes to expand their practise at a later date, by adding more seats it's just not possible and have to go for a new unit which is expensive and space consuming. Now with rectangular modular HBOT chambers developed by Tekna, it consists of modular sections that are bolted together. They consist of small sections that can be moved into the building through a 3 foot wide doorway/passage and then assembled. This removes the requirement to break or damage walls or to do any great civil work at the site. Secondly, the hospital can start with a few seats initially based on their current requirement and as they grow, they can easily add seats by bolting additional sections to the existing chamber and making it one continuous chamber.

- 1. "The Main Chamber/Compartment consists of Modular Sections that provides complete privacy for patients".

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2. Subsequent sections are bolted onto each other thereby, allowing increasing the number of seats at a later time. This is designed and developed by Tekna for the first time in the world. All other manufacturers have a single welded main chamber which has a predefined size. Thus they cannot add seats or modify to this main chamber once constructed. However, this is possible only with Tekna HBOT chambers as we have modular sections which is unique and offers customers to add seats even after the first construction.
3. Tekna proprietary Rectangular Modular HBOT Chambers come with the options of reclining and non-reclining seats. The seats will have a break to allow patients to comfortably seat themselves and to use the hood so that the neck-seal didn't interfere with the backrest.
4. Each seat will have individual air conditioning with full controls to the patient mounted on the hand-rest. The air conditioning or ECU (Environmental Control Unit) system will consist of a Motor outside of the pressure hull that is driving a fan on the inside of the chamber. The motor is not inside the chamber to prevent any fire hazard and is an absolutely safe option.
5. Since different patients have different comfort levels with regards to in-room temperature, each patient will be able to control the air flow and temperature at any seating position which suits them and is an added comfort.

The above features are very unique and available only with Tekna Manufacturing as other manufacturers don't provide these options.

We certify that this is a proprietary item that is currently not available with any other manufacturer to the best of our knowledge.

For Tekna Manufacturing

G. M. P. S. K.
Authorised Signatory



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