

## The TOOB™ Oxygen Infusion

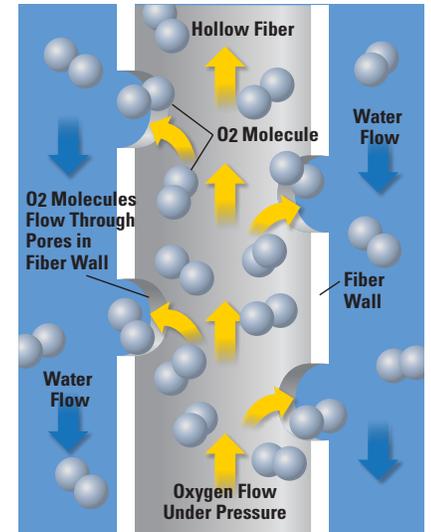


TOOB Solo  
(4 feet)

TOOB Craft  
(2 feet)



TOOB Craft



The **BioTherm TOOB™** is a revolutionary, efficient method of increasing the dissolved oxygen (DO) content of irrigation water, significantly improving plant health and productivity. The TOOB has an inlet for water, and another for pure oxygen (from an optional BioTherm O2GEN oxygen generator, or oxygen tanks from a commercial source). Oxygen enters the TOOB through long strands of a proprietary hollow "mass transfer" fiber. The O2 molecules are forced through microscopic holes in the fiber into the surrounding water, supersaturating it with dissolved oxygen. The oxygen remains in stable suspension throughout the irrigation process.

| SPECIFICATIONS             | TOOB  |
|----------------------------|---|
| <b>Material</b>            | PVC (grey)  |
| <b>Application</b>         | Irrigation; Hydroponics; Deep Water Culture; Tank management; Soil or soilless                                      |
| <b>Dissolved Oxygen</b>    | Solo: 0-50 mg/L • Craft: 0-25mg/L (water flow and pressure impact required oxygen flow to achieve target levels)    |
| <b>Water Flow/Pressure</b> | 0-18GPM / 0-40psi max   |
| <b>Water Pipe Sizes</b>    | Inlet and Outlet: 1" socket union   |
| <b>O2 Flow/Pressure</b>    | 0-3LPM/ 50psi   |
| <b>Filtration</b>          | 100 microns minimum   |
| <b>Oxygen Source</b>       | Customer provided tank or concentrator capable of pressure and volume requirements                                  |
| <b>Length</b>              | Solo: 43.25" (1098mm) • Craft: 21.5" (546mm)  |
| <b>Weight (dry)</b>        | Solo: 7.58 lbs. • Craft: 4.5 lbs.   |
| <b>Diameter</b>            | 3.5" (89mm)   |
| <b>Included</b>            | Vertical surface mount clamps; inlet pressure gauge; O2 flow regulator; O2 hose and fittings; Sch80 PVC ball valves |