



Crystal Clear & Healthy Mikva Water

Oxidation Installation Manual

Model: OXD

We thank you for the opportunity of allowing us to take part in this special mitzva of enhancing purity in Klal Yisrael. Every system used within the Bor Tevila is required to meet certain Halachic criteria and many of our products are assembled individually by hand with great detail in order to maintain the strict Halachic requirements. Although we try our utmost to have every system made at the highest quality standard, if your system is damaged in any way, please reach out to us immediately for assistance.

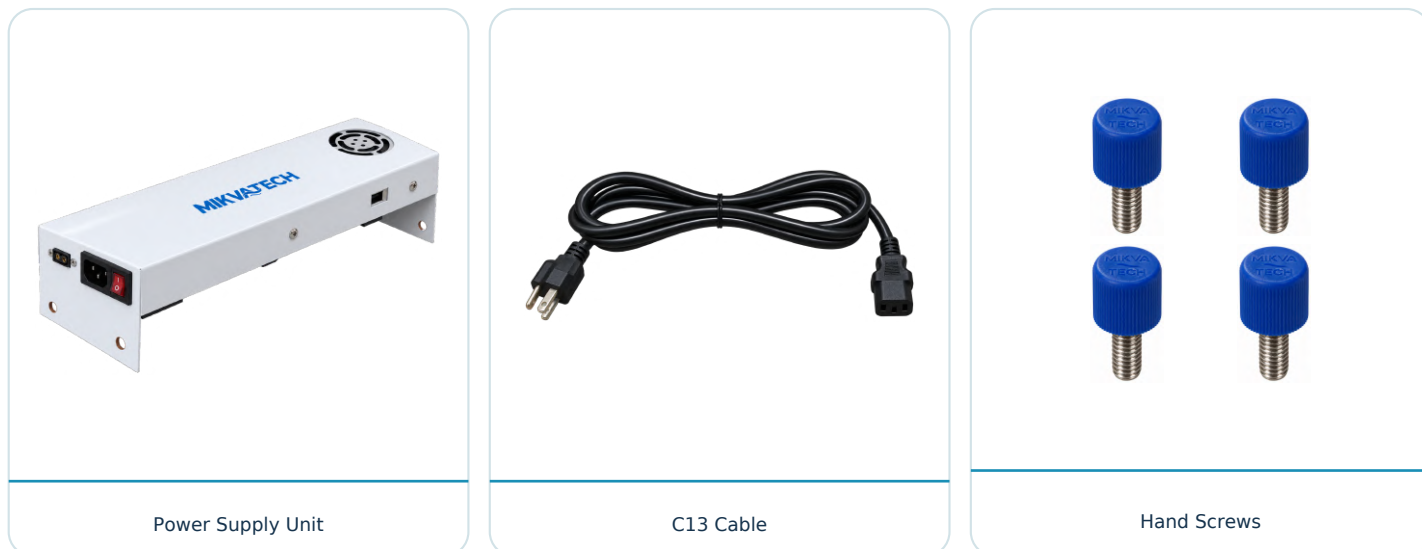
Oxidation Package Components

Contents included in the OXD oxidation unit box



Included in Separate Box

The power supply unit, C13 cable, and hand screws are packed separately from the OXD oxidation unit.



System Model Specs

Standard system model specifications

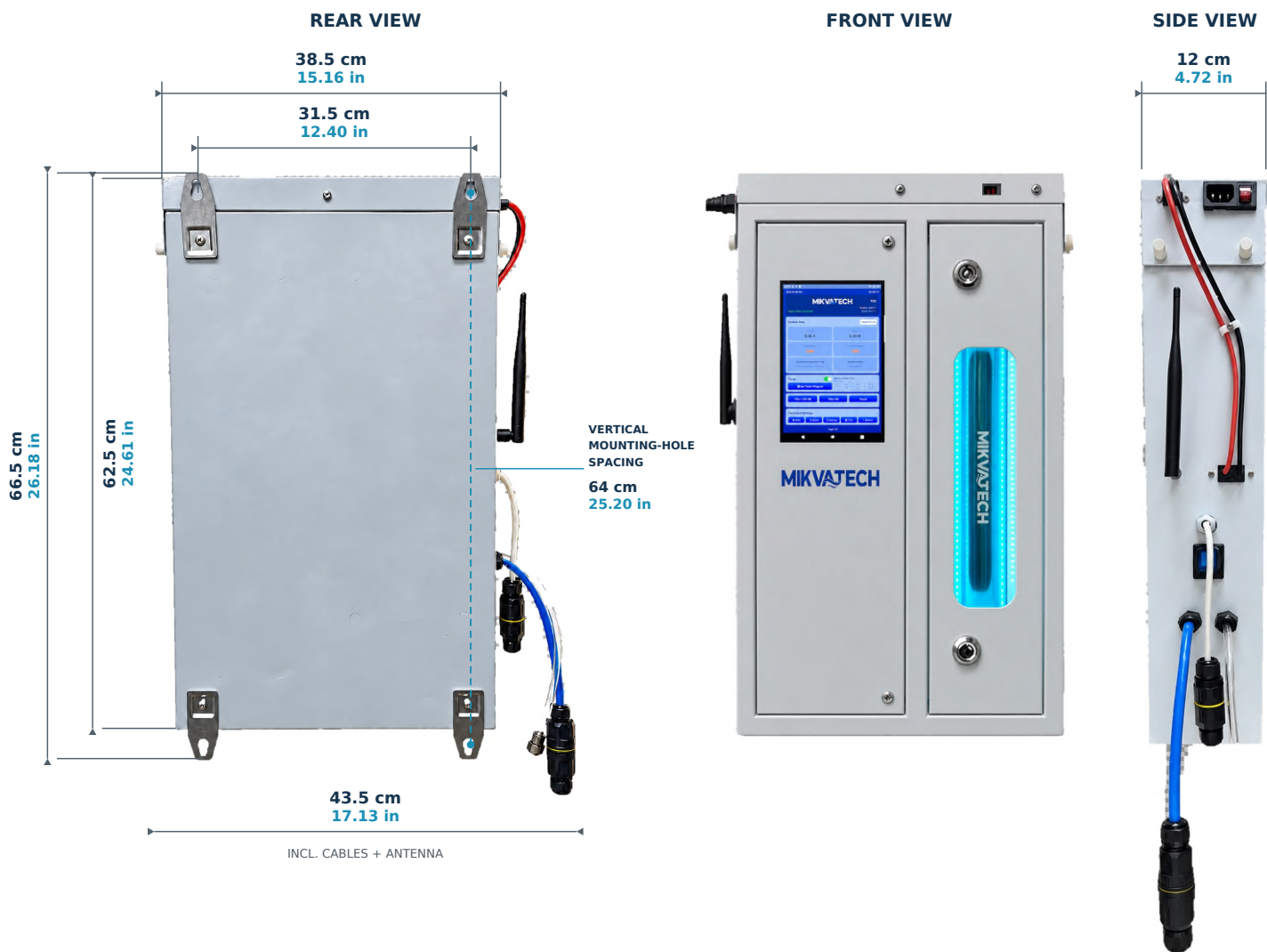
Comparison of standard system models and maintenance intervals.

Specification	FLTM-10	FLTM-75	FLTM-150
Amount of Daily Tovlim	<10	<75	<150
Suggested Water Volume of Bor Tevila	800 US gal / 3 m ³	1,100 US gal / 4.5 m ³	1,600 US gal / 6 m ³
Flow Rate	33 GPM / 125 LPM	43 GPM / 165 LPM	65 GPM / 250 LPM
Estimated Oxidation Generator Lifespan	4,000 hours	4,000 hours	4,000 hours
Maximum Daily System Operation	10 hours	10 hours	10 hours
Input Voltage	Customized to 120 or 230V ~50/60Hz	Customized to 120 or 230V ~50/60Hz	Customized to 120 or 230V ~50/60Hz
Watt	180W	200W	250W
Standard Dimensions	See Dimensions page	See Dimensions page	See Dimensions page

Dimensions

OXD oxidation unit dimensions

TECHNICAL REFERENCE



Dimension Reference

UNIT BODY	OVERALL HEIGHT	MOUNTING HOLES	DEPTH / MAX WIDTH
38.5 cm W 62.5 cm H 15.16 in W 24.61 in H	66.5 cm 26.18 in incl. mounting ears	31.5 cm horiz. 64 cm vert. 12.40 in horiz. 25.20 in vert.	12 cm depth 43.5 cm max 4.72 in depth 17.13 in max

OXD Installation

Before Installation

Before Installation

Installation

Complete these preparations before installing the OXD. Proper placement and conduit preparation make the installation cleaner and easier to service.

01 / OXD LOCATION

Choose the oxidation-unit location

- Install the OXD outside the Bor Tevila in the selected equipment or service area.
- Choose a wall location that leaves the left-side connections accessible.
- Prepare the route from the Bor Tevila to the OXD before mounting the unit.

CONDUIT: AT LEAST 1"

Filter Power Cable and air tube are each approximately 10 mm (3/8") in diameter.



OXD - FRONT VIEW

Prepare the conduit and connection area

- Prepare a conduit at least 1" in diameter from the Bor Tevila to the OXD location.
- Route the low-voltage Filter Power Cable and the air tube together through the prepared conduit.
- Bring both connections to the left side of the OXD, where the installation connections are made.

OXD Installation

Installation - Wall Mounting

Before Installation

Installation

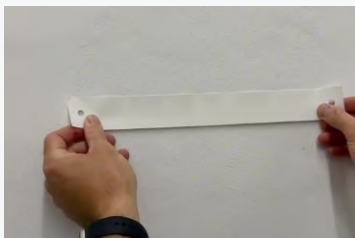
USE THE PROVIDED MOUNTING STENCIL

Position the stencil flat against the wall at the selected OXD location before drilling.

01

Position, drill and insert the anchors

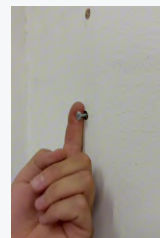
Place the supplied stencil flat against the wall at the selected OXD location. Drill through the stencil holes, then insert the supplied wall anchors.



POSITION STENCIL



DRILL

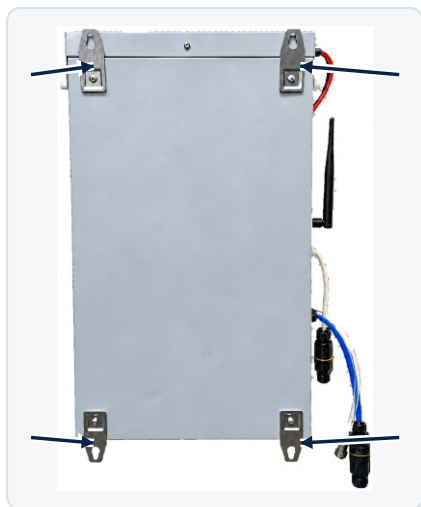


INSERT ANCHORS

02

Attach the Wall Mounting Ears

Attach all four Wall Mounting Ears to the rear of the OXD using the supplied screws.



4 WALL MOUNTING EARS

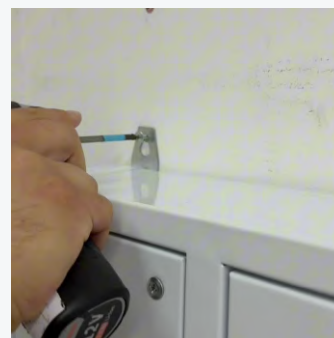
03

Hang and secure

Hang the OXD on the two upper wall anchors, then secure both top Wall Mounting Ears to the wall.



HANG UNIT



SECURE TOP EARS

OXD Installation

Installation - Power Supply Unit

Before Installation

Installation

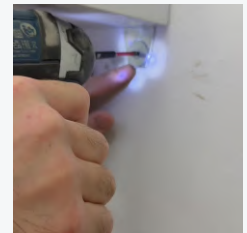
04

Drill and secure the bottom

Drill through the lower mounting-ear holes. Insert the supplied wall anchors, then secure both bottom ears to the wall.



DRILL LOWER HOLES

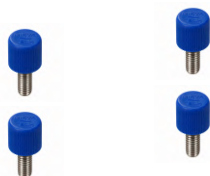


SECURE BOTTOM EARS

05

Install the power supply unit

Place the power supply unit on top of the OXD and secure it with the supplied hand screws. Orient the unit so the C14 inlet and red power switch face the same side as the antenna and cable connections.



4 HAND SCREWS



POWER SUPPLY UNIT



C14 INLET / SWITCH SIDE

ORIENTATION

C14 inlet and red power switch face the antenna / cable side of the OXD.

06

Connect the C13 power cord

Insert the supplied C13 power cord into the upper C14 inlet on the left side of the OXD.



CONNECT C13 POWER CORD

OXD Installation

Installation - Connections

Before Installation

Installation

07

Connect the Filter Power Cable

Open the inline connector. Raise the connector levers to 90 degrees, insert the incoming wires so they match the existing wires position-for-position, then close the connector. Gently pull the wires to confirm a secure connection.



OPEN CONNECTOR



RAISE LEVERS 90°

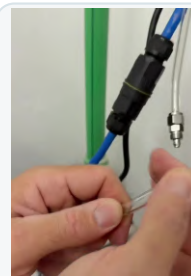


MATCH + INSERT WIRES

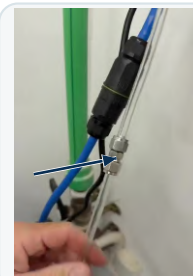
08

Connect the oxidation air tube

Connect the oxidation air tube to the corresponding left-side fitting and tighten the fitting securely.



CONNECT TUBE



TIGHTEN FITTING

OXD Installation

Installation - Finish

Before Installation

Installation

09

Set the supply-voltage selector

Set the voltage selector to match the local electrical supply. The selector shown in the installation video switches between 220V and 110V.

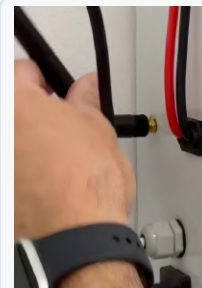


SET CORRECT VOLTAGE

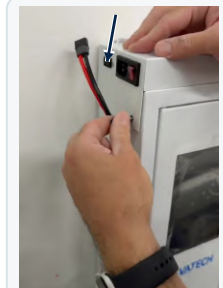
10

Connect the antenna and dual power cable

- Attach the antenna by screwing it onto the side connector.
- Connect the red-and-black dual power cable to the power supply unit.



ATTACH ANTENNA

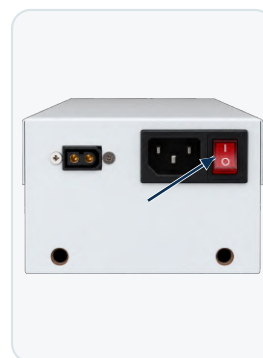


CONNECT DUAL CABLE

11

Turn on the device

Turn on the two side power switches shown in the installation video.



UPPER SWITCH



LOWER SWITCH

READ THE MANUAL AND WATCH THE INSTALLATION VIDEO

If anything is unclear, contact MikvaTech before operating the system.

Safety Warnings

Read before installation and operation

- ! Do not install the system without prior reading of this manual.
- ! Do not operate the system without prior reading of this manual.
- ! If anything in the manual is not clear to you, contact a company technician before installing and operating the system.
- ! Do not operate the system without water in the Bor Tevila.
- ! Do not place fingers into any part of the filter!
- ! If any component or part of the system breaks, immediately turn off the system and contact the company for replacements.
- ! Do not operate the filter with dirty or clogged cartridges.
- ! Do not feed any external devices or circuits from the oxidation and filter control unit.
- ! This system is intended for use and maintenance by trained and qualified personnel only. Children and untrained persons should not operate or service the system.
- ! Children in the Mikva should be supervised at all times to ensure that they do not touch the device.

Support & Resources

Final handoff before regular operation

BEFORE REGULAR OPERATION

Read the Safety Warnings on the previous page. Make sure the person responsible for routine operation has the OXD Operation Manual and is familiar with the operating instructions.

Need Assistance?

If anything in this manual is not clear to you, contact a MikvaTech technician before operating the system.

USA

(347) 773-1308

ISRAEL

02-664-6653 | +972-2-664-6653

EMAIL

info@mikvatech.com

WEBSITE

www.mikvatech.com

TECHNICAL SUPPORT WHATSAPP

+972-54-615-7101

CUSTOMER SERVICE WHATSAPP

+972-55-307-9998





Thank you for choosing MikvaTech.

We are honored to take part in this special mitzva
and to support the health and cleanliness of your mikva water.

For support and contact information,
please refer to the final page inside this manual.