



Crystal Clear & Healthy Mikva Water

SCB Installation Manual

Model: SCB

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.

SCB Package Components

Contents included in the SCB control box package

SCB CONTROL BOX



SCB Control Box



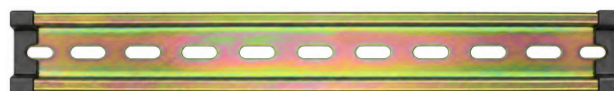
C13 Cable



Antenna



Installation Bag



DIN Rail

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
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

SCB control box dimensions

TECHNICAL REFERENCE



Dimension Reference

UNIT BODY	DEPTH	OVERALL WIDTH	ALLOWANCE
25.6 cm W 29.7 cm H 10.08 in W 11.69 in H	13.1 cm 5.16 in	~34.6 cm 13.62 in incl. cables + antenna	+5 cm / +4 cm cable side / antenna side 1.97 in / 1.57 in

SCB Installation

Before Installation

Before Installation

Installation

Complete these site preparations before the SCB arrives. Proper planning makes the installation cleaner and easier to service.

01 / SCB LOCATION

Choose the SCB location

- Plan to install the SCB outside the Bor Tevila in a dry equipment or service area.
- Choose an accessible wall location with enough clear space for the control box and service access.
- Choose a location close enough to the planned cable route and electrical supply.



Prepare the installation area

- Prepare a suitable conduit or protected cable route from the Bor Tevila to the planned SCB location.
- Make sure the selected wall area is suitable for the DIN rail and has enough room for the SCB to be mounted level.
- Make sure a suitable electrical outlet is available near the planned SCB location for the supplied C13 power cable.

BEFORE INSTALLATION

Confirm the planned location is dry, accessible, and ready for the DIN rail, cable route, and electrical connection before the system arrives.

SCB Installation

Installation - Wall Mounting

Before Installation

Installation

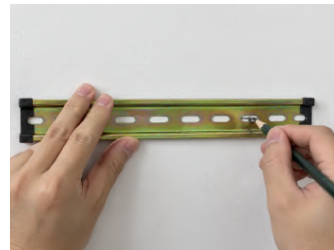
USE THE SUPPLIED DIN RAIL

Mount the SCB only after the DIN rail is level and firmly secured to the wall.

01

Position and mark the DIN rail

- Hold the supplied DIN rail horizontally at the selected SCB location.
- Use a level, then mark the wall through suitable slots near each end of the rail.



POSITION + MARK

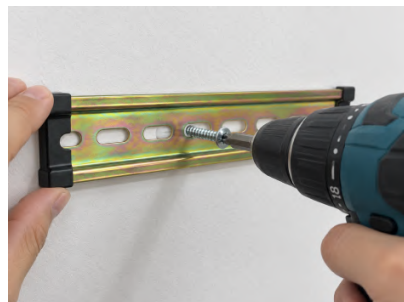
02

Drill, insert anchors, and secure the DIN rail

- Drill the marked mounting holes and insert the supplied wall anchors until fully seated.
- Place the DIN rail back over the anchors and align the slots with the mounting points.
- Fasten the DIN rail with the supplied installation screws. Tighten evenly and confirm the rail is level and firmly fixed.



INSERT ANCHORS



SECURE DIN RAIL

SCB Installation

Installation - Mount the Control Box

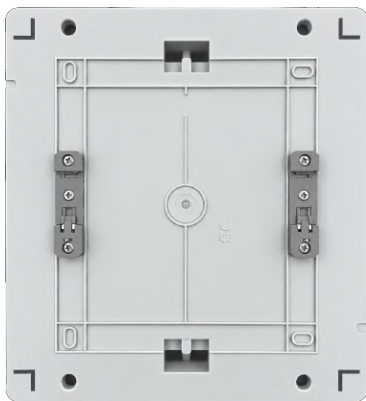
Before Installation

Installation

03

Mount the SCB on the DIN rail

- The SCB arrives with two DIN-rail adapters already installed on the back.
- Align the grooves in the rear adapters with the secured DIN rail.
- Click the SCB onto the DIN rail until both adapters are fully seated.
- Gently check that the SCB is firmly secured before continuing.



SCB BACK + ADAPTERS



ALIGN WITH DIN RAIL

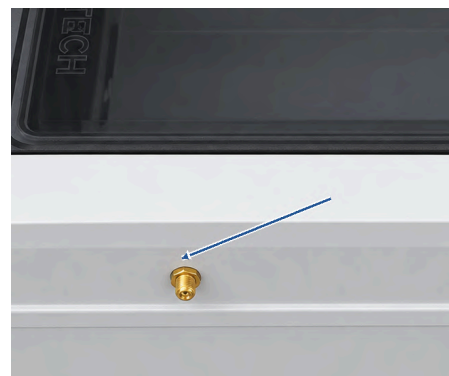


SCB SECURED ON DIN RAIL

04

Attach the antenna

Screw the supplied antenna onto the gold threaded antenna connector on the side of the SCB. Hand-tighten until secure.



ANTENNA CONNECTOR

SCB Installation

Installation - Connections & Finish

Before Installation

Installation

05

Connect the Filter Power Cable

- Locate the blue Filter Power Cable connection on the side of the SCB. Route the Filter Power Cable from the Bor Tevila to the SCB location.
- 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.



FILTER POWER CABLE



OPEN CONNECTOR



RAISE LEVERS 90°



MATCH + INSERT WIRES

06

Connect the C13 power cable

Insert the supplied C13 power cable into the C14 inlet on the SCB. Connect the other end to the appropriate power source only after mounting and filter wiring are complete.



C14 INLET

07

Power on and confirm installation

- Confirm the DIN rail is secure, the SCB is fully seated, the antenna is attached, and all cable connections are secure.
- Set the red SCB power switch to ON.



POWER SWITCH

NEXT: COMPLETE THE SCB FIRST-USE SETUP IN THE SCB OPERATION MANUAL.

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.



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.