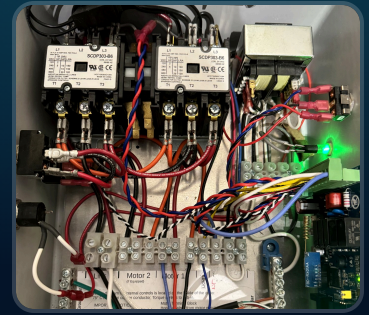


INSTALLATION GUIDE

Atlantis Mini Retrofit Kit

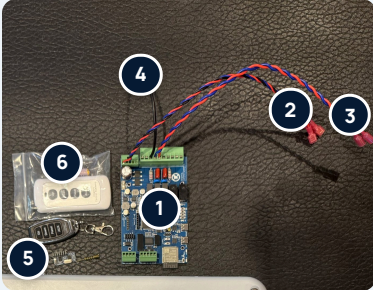
AUTO kit For TEC boxes WITH an Auto Control switch



FINISHED: MINI IN A TEC BOX

⚡ POWER OFF FIRST Turn off and lock the breaker. Test the box is dead. 120/240 V can kill. Qualified installers only.

■ BLUE = UP ■ RED = DOWN ■ BLACK = COMMON



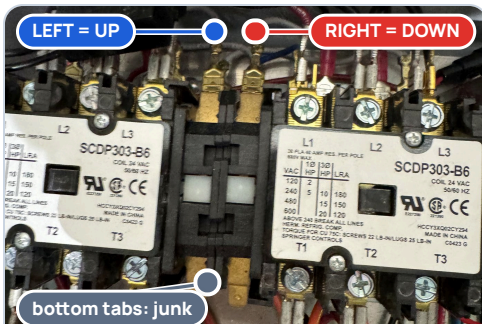
IN THE BOX

- 1 Atlantis Mini board, pre-wired
- 2 Switch harness: RED BLACK BLUE + WHITE BLACK
- 3 Spade wires: RED + BLUE
- 4 KEY wire: BLACK
- 5 Remote receiver + antenna
- 6 2 remotes + battery. Also: mounting tape

YOU NEED

- Flush cutters (wire snips)
- Needle-nose pliers
- Small flat + Phillips screwdrivers
- Voltage tester
- Red and blue tape

About 45 minutes



1 Pull the 2 top whites

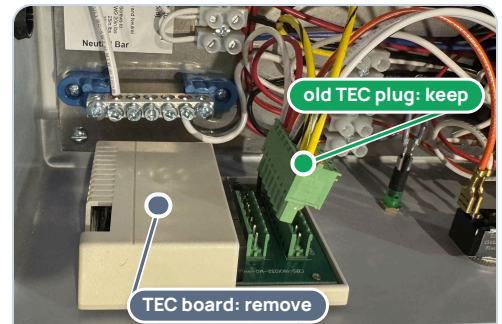
Between the contactors, pull the 2 WHITE wires off the top brass tabs. RIGHT = DOWN: red tape. LEFT = UP: blue tape. Bottom tabs: pull those wires too, tape (junk).

⚠ No snipping. Leave all 4 brass tabs empty.



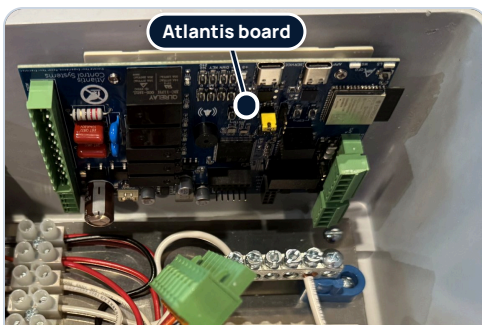
2 Clear both switches

Pull every old wire off the back of the UP/DOWN switch (by the transformer) and the AUTO CONTROL switch. Tape the ends. Leave LEVEL CONTROL and the key alone.



3 Unplug the TEC board

Tape the WHITE and RED at the 24AC/GND end of the green plug, then pull it off the TEC board. Remove the cream cover and TEC board; leave the cream base. Save the screws.



4 Mount the Atlantis board

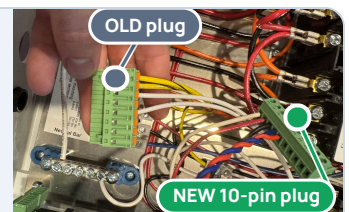
Same spot as the TEC board: TEC screws or the included tape. Tip: unscrew the cream base, fit the board on it, screw it back.

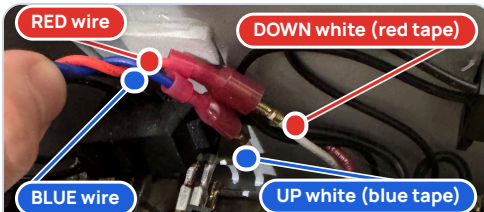
AUX2	A2_C	AUX1	A1_C	-24AC	DOWN	UP	KEY	-24AC	+24AC
empty	empty	old	old	never	kit	kit	kit	old	old

5 Move 4 wires to the Atlantis 10-pin plug

From the old TEC plug: both YELLOW → AUX1 + A1_C (dock light). Taped WHITE → +24AC. Taped RED → the -24AC beside it. Toss the old plug and its other whites: unscrew its long white at the small strip under the transformer, leave the other wire, re-tighten.

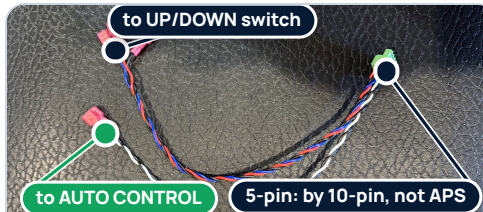
⚠ Never use the middle -24AC. It skips the key switch.





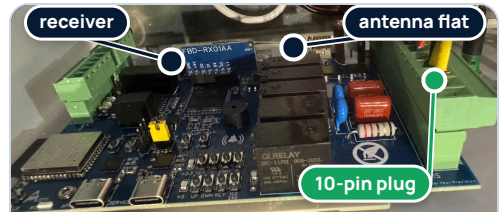
6 Whites to the red/blue spades

DOWN white (red tape) → spade on the kit's **RED** wire. UP white (blue tape) → spade on the **BLUE** wire. Both spades are red plastic.



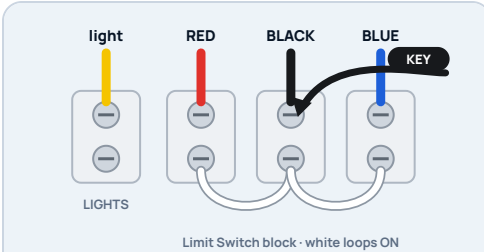
7 Wire both switches

UP/DOWN: **BLUE** top tab (transformer side), **BLACK** middle, **RED** bottom. AUTO CONTROL: **WHITE** + **BLACK**, either way.



8 Receiver on. Plugs in.

Plug the receiver onto its pins, label facing out. Lay the antenna flat. Push the 10-pin plug onto the board.

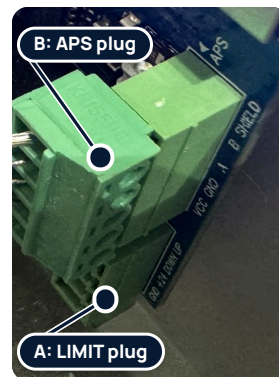


9 KEY wire to the middle

Kit **BLACK** KEY wire → the MIDDLE screw of the TEC Limit Switch block (the one with the black wire). Keep the white loops on all 3.

10 Pick your stop: A or B

Use ONE (Auto needs one). Limit switches → A. Atlantis Position Sensor → B.



A Limit switches

LIMIT PLUG

GND +24 DOWN UP
empty

- Move the 3 wires from the lift's limit switches (outer screws) onto this plug. Leave the inside wires and KEY. Put the white loops back on.

B Atlantis Position Sensor

APS PLUG

VCC GND A B SHIELD

- Bare shield → SHIELD. Go by the board labels, not the plug sticker.
- Power OFF to plug or unplug the sensor.

120 V or 240 V?

Atlantis wiring is the same for both.

120 V

- Incoming **BLACK** → LINE 1
- WHITE** → Neutral Bar
- GREEN** → Ground Bar
- KEEP the white jumper from the Neutral Bar to LINE 2

240 V

- FIRST remove the white jumper from the Neutral Bar to LINE 2
- BLACK** → LINE 1 · **RED** → LINE 2
- WHITE** → Neutral Bar
- GREEN** → Ground Bar
- Motors wired for 240 V (TEC's motor chart, not the nameplate)

Then set the board: hold SET 2 s → press 120/240 until solid **CYAN** = 120 or solid **ORANGE** = 240 → C → tap SET.

No neutral at the lift (only 2 hots + ground)? STOP. The TEC box needs TEC's 3-wire conversion first. Call us.

ON Power on and set up

- Breaker ON, key ON, AUTO CONTROL OFF: two green lights and a tune. LS light solid **BLUE** = ready (yellow breathing = key off).
- In the Atlantis Boater phone app, open this lift → Service Lift → Setup Wizard: Motors 1 · Auto Switch Installed ON · Key Detection ON.
- Limit Type: Limit Switches (A; only once wired, or the lift locks) or APS (B). APS: zero with the lift all the way up, then the UP stop, then the DOWN stop.
- Operation Timeout → Manual: time one full run with the switch, enter it + 2 s. Then set 120/240 on the board (box above).

No phone? Use the small labeled buttons on the Atlantis board (move the lift with the switch):

- Hold SET 2 s. Press 120/240 until solid cyan (120) or orange (240) → C.
- Press LIMIT until slow cyan (switches, only if wired) or magenta (APS) → C. APS only: 0 with the lift all the way up → C, UP at the upper stop → C, DWN at the lower stop → C.
- Hold UP + DWN + KEY 2 s. GREEN double blink → C. RED → let go of all 3, hold 2 s again → GREEN → C. Tap SET. Flip AUTO CONTROL OFF, then ON.

! Auto needs Limit Switches or a finished APS setup.

Test it (lift empty, people clear)

- ☐ Key OFF: nothing moves.
- ☐ AUTO CONTROL OFF. Hold the switch UP: lift goes UP. Hold remote UP: lift goes UP (remote dead? pair it, below).
- ☐ Both backwards? Power off, swap the 2 whites on the kit RED/BLUE spades.
- ☐ Only the switch backwards? Swap **RED** and **BLUE** on the UP/DOWN switch.
- ☐ AUTO CONTROL ON: LS light solid green. Tap UP once: lift runs to the top stop. Tap UP or DOWN again: it stops.
- ☐ Remote AUX = dock light. Pair a remote: press the receiver button once, then a remote button (not AUX): 3 flashes = paired.
- ☐ No lights at all? Check the 2 A fuse on the red fuse wire by the transformer.

