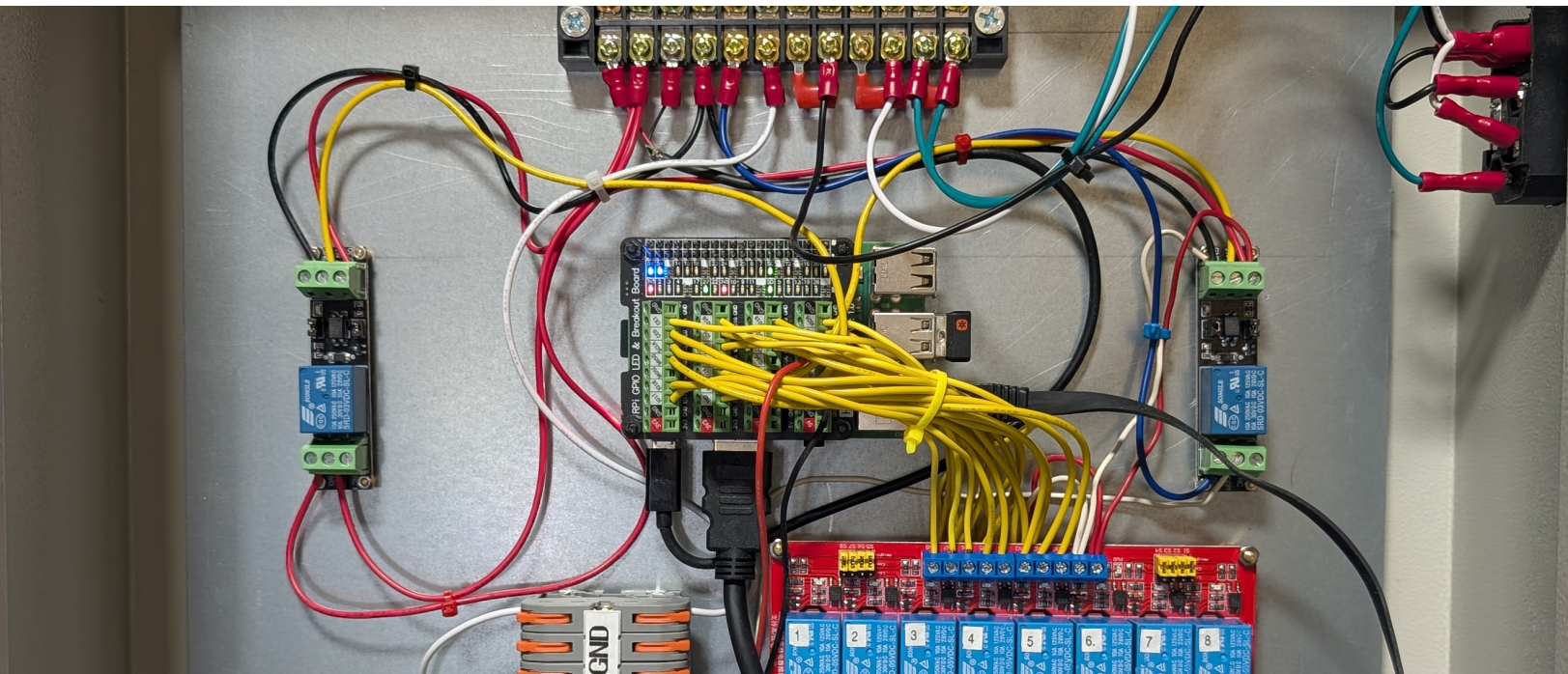


► HELLO, NEIGHBOR.

No cloud. No app. Just water.

You're about an hour away from a 20-zone irrigation system that lives on your home network, answers to your browser, and never phones home. This booklet shows you how.



► WELCOME

Thanks for not paying a subscription.

SprinkleSmarter is built around a single idea: your sprinkler timer should not depend on someone else's server staying online. Everything you'll set up in this guide — schedules, zones, weather-aware adjustments — lives on the controller itself, on your network, on hardware you own.

Most homeowners are watering on a schedule in well under an hour. If you've replaced a thermostat or an old irrigation timer, you have all the skills you need.

20 INDEPENDENT ZONES	24V AC STANDARD VALVES	Any BROWSER, ANY DEVICE	\$0 MONTHLY FEES, EVER
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STEP 01

What's in the box.

Open the carton on a flat surface. Set the controller aside and lay everything out before you start. Take a minute to confirm the contents match the list below.

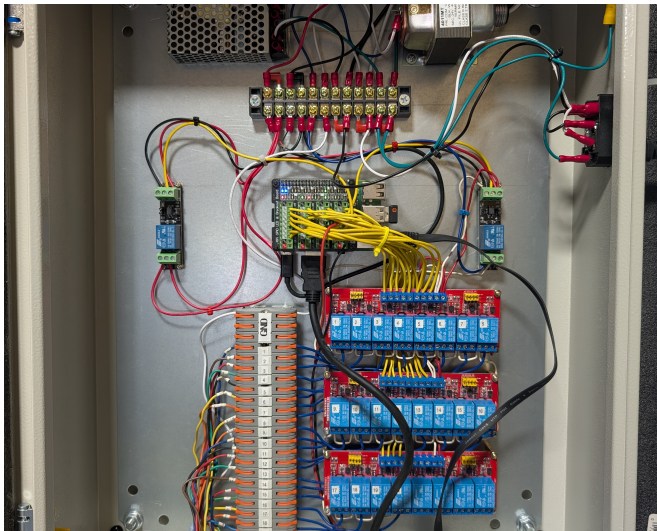


FIG. 1 · CONTROLLER IN OUTDOOR-RATED ENCLOSURE

CARTON CONTENTS

01	SprinkleSmarter controller Outdoor-rated steel enclosure with key-locked door. 20 independent zones.	× 1
02	AC power cord 5 ft. Plugs into the right side of the cabinet, below the rocker switch.	× 1
03	Wall-mount bracket kit 4 wall-mount brackets · 4× M8×16 mm hex bolts, O-rings & nuts.	× 1
04	Quick Start guide You're reading it.	× 1

IF YOU ORDERED CONNECTED OR PRO

Your unit also includes the external Ethernet port (Connected) and HDMI port (Pro). They're already wired internally — no extra steps here.

BEFORE YOU BEGIN

Tools you supply

Drill & bit, wire stripper, Phillips screwdriver, and wall anchors suited to your wall type (masonry plugs, lag shields, etc.).

Have handy

Your home Wi-Fi network name and password, and a phone or laptop on that network for setup.

Plan for

About 45 minutes, one person. An outlet within 5 ft of where the cabinet will mount.

STEP 02

Mount the controller.

SprinkleSmarter is outdoor-rated. Mount it on an exterior wall, in the garage, or any spot within reach of a standard outlet. If you're replacing an existing controller, the same wall location is almost always fine.

01 Cut power first.

Throw the breaker that feeds your existing irrigation controller. If you're starting fresh, just leave the power cord unplugged for now.

03 Attach the brackets.

Bolt the four wall-mount brackets to the back of the enclosure using the supplied M8×16 mm hex bolts, O-rings and nuts.

05 Bolt it down.

Drive a fastener through each bracket into the wall and snug them evenly so the box sits flat and level.

02 Choose your spot.

Within reach of an outlet (the supplied cord is 5 ft), within reach of your Wi-Fi, and near where your zone wires come out of the wall. Aim for chest height.

04 Mark & drill.

Hold the enclosure level against the wall, mark the four bracket holes, then drill and fit wall anchors suited to your wall type (masonry plugs, lag shields, etc.).

STEP 03

Wire the zones.

SprinkleSmarter uses lever-lock terminals — no tiny screws, no screwdriver. Lift the orange lever, push the wire in, drop the lever. Each terminal accepts solid or stranded copper up to 14 AWG.

⚠ CUT POWER Throw the breaker for the existing irrigation controller before touching any wires. The 24VAC at these terminals won't kill you, but it can singe your fingers and short the transformer.

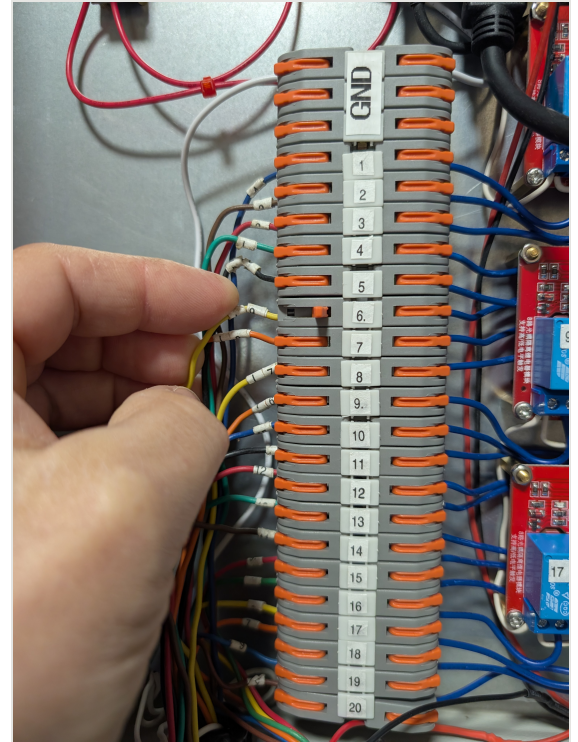


FIG. 3 · LEVER-LOCK TERMINAL STRIP — ONE NUMBERED TERMINAL PER ZONE (1-20) PLUS GROUND (GND).

01 Label every wire.

Before you remove anything from your old controller, wrap a strip of tape around each wire and mark its zone number as you disconnect it. Five minutes now saves an hour later.

02 Land the common.

Your zone valves share a common return (typically a single white wire — sometimes two). Land it on the GND terminals at the top of the strip.

03 Strip 5/16 in.

Trim each zone wire so 5/16 in (8 mm) of bare copper is exposed. Less, and the lever won't grip; more, and you risk a short.

04 Insert & lock.

Lift the orange lever, push the wire in until it stops, drop the lever. Tug gently to confirm. Repeat for every zone.

05 Close up and power on.

With every wire landed, close and lock the cabinet door. Restore power, then continue to Wi-Fi setup on the next page.

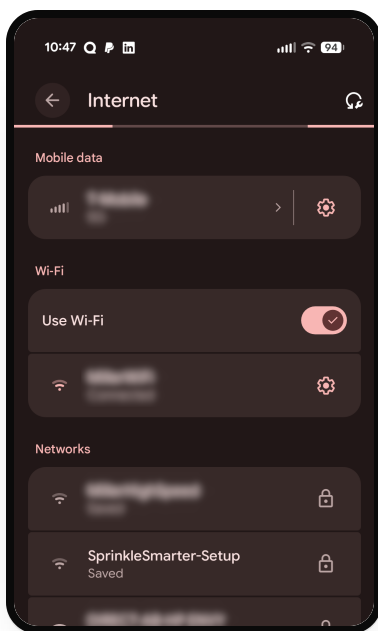
STEP 04

Join your Wi-Fi.

On first power-on, SprinkleSmarter broadcasts its own short-range network so you can hand it your home Wi-Fi credentials. You'll only do this once.

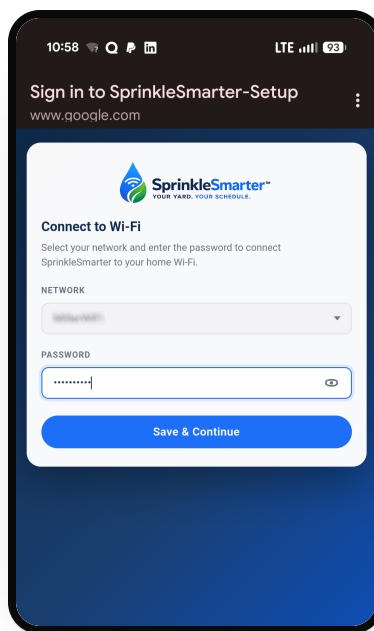


Plug in the power cord. Connect the supplied 5 ft cord to the right side of the cabinet, plug into a nearby outlet, and flip the rocker switch on. Give it about a minute to boot, then open Wi-Fi on your phone.



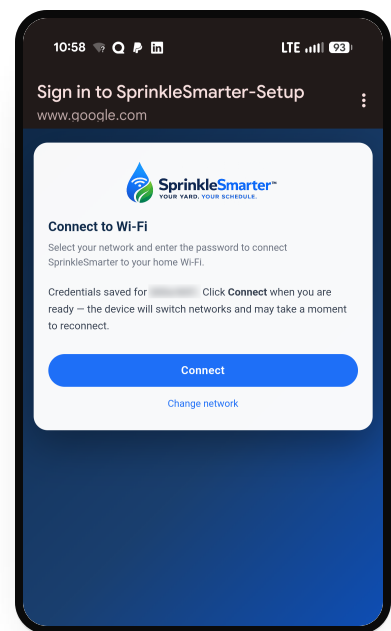
01 Join SprinkleSmarter-Setup

In your phone's Wi-Fi settings, join the controller's network. No password.



02 Pick your network.

Choose your home network, type its password, and tap **Save & Continue**.



03 Connect, then wait.

Tap **Connect**. The controller reboots onto your network — give it a few minutes to come back online.

FINISH

Re-join your home Wi-Fi, open `sprinklesmarter.local`, and set your Admin password.

CAN'T REACH .LOCAL?

Older Windows PCs: install Apple's free Bonjour, or use the unit's IP from your router.

NEED TO START OVER?

Hold the reset button (bottom panel, p. 9) **10 s** to re-enter Wi-Fi setup.

STEP 05

Name your zones, build a schedule.

With the controller on your network, open `http://sprinklesmarter.local` in any browser on your Wi-Fi — no app to install. The layout adapts from phone to desktop automatically.

01 Name your zones.

Each valve shows up as Z01–Z20. Open one and give it a *Display Name* you'll recognize at 6 a.m. — "Z15 · East Driveway End" beats "Zone 15."

02 Add a schedule.

Tap **+ Add Schedule**, give it a short name and a start time. *Edit*, *Copy*, or *Delete* any schedule from the table.

03 Add zones to it.

Expand the schedule and tap **+ Add Zone**. Pick the zone, set its *Days of Week* (or use the All / M-F / S-S presets) and a duration. End times total up for you.

04 Tune & enable.

Each zone has a *Zone Group Multiplier* (1×). Nudge it up to water a thirsty area more without re-timing every zone. Flip *Enabled* and it runs automatically.

sprinklesmarter.local/schedules

SYSTEM ENABLED AUTOMATIC VALVES ENABLED

Schedules [+ Add Schedule](#)

SHORT NAME	DISPLAY NAME	START TIME	TOTAL EFFECTIVE DURATION	END TIME	ENABLED	ACTIONS
▶ WeedFeed	Weed & Feed	4:00 AM	2:30	6:30 AM		Edit Copy Delete
▶ Lawn Redux	Lawn Redux	8:00 AM	5:45	1:45 PM		Edit Copy Delete
▶ Test One Zone	One Zone Only	3:41 PM	9:26	1:07 AM		Edit Copy Delete
☑ Seed Starter Evening	Seed Starter Evening	6:43 PM	0:08	6:51 PM		Edit Copy Delete

Expanded Schedule: Seed Starter Evening

ZONE	DAYS OF WEEK	START TIME	DURATION	ZONE GROUP MULTIPLIER	EFFECTIVE DURATION	END TIME	ACTIONS
Z15 - East Driveway End	Mon Tue Wed Thu Fri Sat Sun All M-F S-S None	6:43 PM	2	1×	2 min	6:45 PM	Edit Copy Delete
Z14 - East Pond Side	Mon Tue Wed Thu Fri Sat Sun All M-F S-S None	6:45 PM	2	1×	2 min	6:47 PM	Edit Copy Delete
Z18 - Front East Hill to V	Mon Tue Wed Thu Fri Sat Sun All M-F S-S None	6:47 PM	2	1×	2 min	6:49 PM	Edit Copy Delete
Z19 - Front Yard Along D	Mon Tue Wed Thu Fri Sat Sun All M-F S-S None	6:49 PM	2	1×	2 min	6:51 PM	Edit Copy Delete

[+ Add Zone](#)

FIG. 4 · THE SCHEDULES SCREEN, DESKTOP VIEW — A SCHEDULE EXPANDED TO SHOW ITS ZONE ROWS.

STEP 06

Now the fun part.

A schedule is the floor. These are the features people actually fall for.

AUTOMATIC + RAIN-AWARE It runs itself — and skips when it rains.

The controller works through your schedule on its own — showing what's running, what's next, and how long is left — and skips runs after rain.

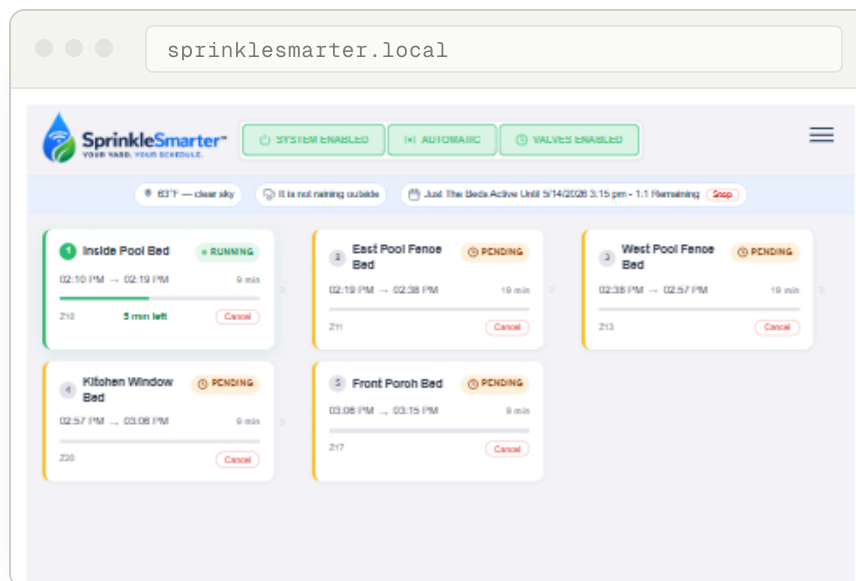
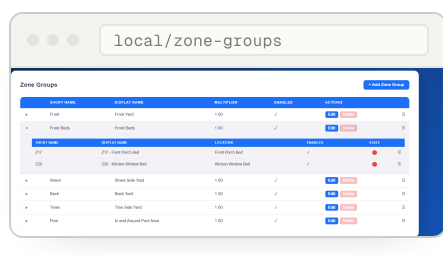


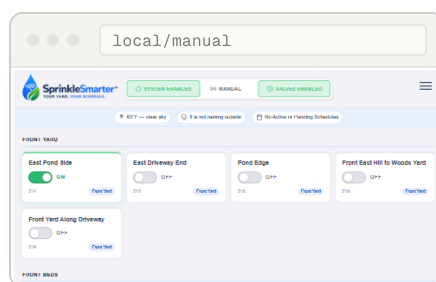
FIG. 5 · AUTOMATIC MODE — ONE ZONE RUNNING WITH TIME LEFT, THE REST QUEUED. WEATHER IS SHOWN UP TOP.



ZONE GROUPS

One number per area.

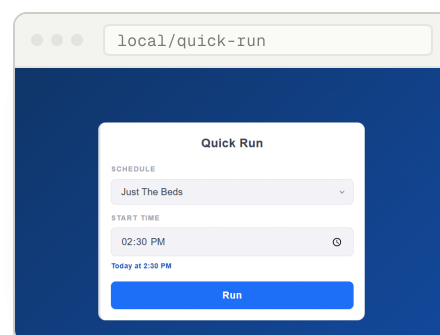
Group zones by area and give each a *multiplier*. Dial it up to water a dry area more — no re-timing each zone.



MANUAL

Any zone, one tap.

Fire a single zone on demand to test a head or blow out lines — no schedule needed.



QUICK RUN

Run a schedule now.

Pick a schedule, set a start time, hit Run — even off its normal day. *Automatic mode only.*

REFERENCE

Specs.

SprinkleSmarter runs on standard embedded Linux hardware. No proprietary chips, no locked firmware.

ELECTRICAL & PHYSICAL

ZONES	20 independent zones
ZONE OUTPUT	24V AC, 1.5 A total across active valves
RELAY POWER	+5V DC to the relay board, switched by System Enable
POWER INPUT	120V AC via 5 ft line cord; internal 24V AC supply
TERMINALS	Lever-lock, 14 AWG max, solid or stranded
ENCLOSURE	Outdoor-rated steel, key-locked door
DIMENSIONS	16 in W × 6 in H × 6 in D
WEIGHT	26 lb

BOTTOM PANEL – BUTTON & OPTIONAL PORTS



FIG. 5 · BOTTOM PANEL – RESET BUTTON (CENTER), HDMI (PRO), AND ETHERNET (CONNECTED & PRO).

RESET BUTTON

Hold for 10 seconds to put the controller back into Wi-Fi setup mode — it re-broadcasts

SprinkleSmarter-Setup so you can rejoin and re-enter your network details (p. 6).

NETWORKING & SOFTWARE

WI-FI	802.11 b/g/n/ac, 2.4 & 5 GHz, WPA/WPA2 personal
ETHERNET	Connected & Pro · 100 Mbps, RJ-45
HDMI	Pro · 1080p, direct-display setup
COMPUTE	Raspberry Pi (embedded Linux)
INTERFACE	Any modern web browser at sprinklesmarter.local
CLOUD	None — ever

ON-SCREEN STATUS CONTROLS

☒ System Enable	Switches +5V DC power to the relay board — the master cutoff.
☒ Automatic / Manual	Automatic runs your schedules; Manual gives direct on/off control of each zone.
☒ Valves Enable	Switches the 24V AC supply to the valves; turn off to service the system.

ALWAYS VISIBLE UP TOP. IN MANUAL MODE, BOTH SYSTEM ENABLE AND VALVES ENABLE MUST BE ON TO RUN A ZONE.

TROUBLESHOOTING

If something's not right.

Almost every first-time hiccup is one of the below. Work down the list before reaching out — and when in doubt, the reset button gets you back to a clean Wi-Fi setup.

RESET BUTTON On the cabinet's bottom panel (Fig. 5, p. 9). **Hold 10 seconds** to re-enter Wi-Fi setup — the controller re-broadcasts `SprinkleSmarter-Setup` so you can rejoin and re-enter your network details (p. 6).

POWER & CONNECTION

Nothing lights up / screen won't load.

Confirm the rocker switch on the right of the cabinet is ON and the 5 ft cord is seated at both the cabinet and the outlet.

Can't find the SprinkleSmarter-Setup network.

Give it a full minute to boot after power-on. If the unit already joined a Wi-Fi once, hold the reset button 10 s to put it back in setup mode.

sprinklesmarter.local won't open.

Make sure your phone or laptop is on the same home Wi-Fi. Older Windows PCs: install Apple's free Bonjour, or use the unit's IP from your router's device list.

Forgot the Admin password.

Hold the reset button 10 s to return to Wi-Fi setup; you'll set a new Admin password on the next first load.

WATERING

A zone won't turn on in Manual mode.

Both **System Enable** and **Valves Enable** must be ON — check the toggles at the top of the screen (p. 9).

The wrong sprinklers run for a zone.

A wire is on the wrong terminal. Re-check that zone's wire on the lever-lock strip (p. 5), then use Manual mode to fire each zone and confirm.

Zones “run” but no water comes out.

Confirm your irrigation main and backflow supply are open, and that Valves Enable is ON so the 24V AC reaches the valves.

A schedule didn't run.

The schedule must be **Enabled** and the system in **Automatic** mode. Double-check its days and start time — and note rain-skip may have trimmed it after recent rain.

STILL STUCK? EMAIL HELP@SPRINKLESMARTER.COM — SEE P. 11 FOR SUPPORT AND WARRANTY.

SUPPORT

If anything's off, get in touch.

We're a small company. Real humans answer email, usually within a business day.

If something's wrong with your unit, we'll make it right.

1 year Limited hardware warranty Covers manufacturing defects and electronics failure under normal use.	1 year Software updates included Every new build delivered through the app. Continued use stays free; new features are optional.
Free US shipping on your order Outbound ground shipping within the contiguous US is on us.	30 days Returns accepted Send it back in original packaging within 30 days. Return and warranty shipping are paid by the customer.

WEB

sprinklesmarter.com

SUPPORT

help@sprinklesmarter.com

MAILING

SprinkleSmarter, LLC
7651 Twin Acres Ct
Hudsonville, MI 49426

SAFETY Rated for outdoor use. Connect to listed Class 2 24VAC valves only. Do not connect line voltage to zone terminals. Cut power at the breaker before servicing wiring.



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REV. 26.05

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