Simplest Lab

V% Screener — TradingView Setup Guide

How to configure a TradingView custom screener that exports the data the V% Screener needs.

The objective

The V% Screener is built to take a **large basket of liquid stocks** and refine that universe by velocity, volatility, trend structure, and aggression. Its discriminatory power comes from the V% formula — the ratio of this week's range to the stock's average weekly true range — combined with multi-timeframe performance ratios.

Your job in TradingView is **not** to filter for setups. The screener does that. Your job is to export a clean basket of tradeable stocks (price, market cap, liquidity) along with the data columns the screener needs to compute V%, aggression, and setup labels.

Pre-filtering on TradingView beyond price / market cap / volume actively limits the screener's utility. If you filter for, say, RSI > 60 in TradingView, you've removed the stocks the screener might have flagged as oversold reversals. Let the basket be wide. The screener narrows it.

Step 1 — Build the screener in TradingView

Open TradingView's stock screener (Products → Screeners → Stock Screener), then create a new screener with the filters and columns below.

Filters

Filter	Setting
Price	> $2
Market Capitalization	$2B – $10T
Average Volume (90 day)	> 3M
Exchange	NASDAQ, NYSE, AMEX (US-listed)

Why these filters: **price > $2** excludes penny stocks where data and execution are unreliable. **$2B–$10T market cap** targets liquid, institutional-grade names while excluding mega-cap mechanical movers. **90-day average volume > 3M** ensures tradeable liquidity (spreads, slippage, and exit risk all scale with average volume).

Do not add filters for RSI, % change, EMA position, or any of the columns the screener will compute. Those are output signals, not input filters.

Step 2 — Add the required columns

Click the column-settings (gear) icon in the screener and add exactly these columns. Column names below are TradingView's display labels — match them precisely.

#	Column (TradingView label)	Used for
1	`Symbol`	Identity
2	`Description`	Identity (company name)

3	`Price`	Current price
4	`High 1 week`	V% numerator
5	`Low 1 week`	V% numerator
6	`Open 1 week`	1W% denominator
7	`Change from Open 1 week`	1W% numerator
8	`Average True Range (14) 1 week`	V% denominator
9	`Performance % 1 month`	Aggression / trend
10	`Performance % 3 months`	Aggression / trend
11	`Performance % 6 months`	Aggression / trend
12	`Performance % 1 year`	Aggression / trend / arrow
13	`Exponential Moving Average (50) 1 day`	Setup label / MA stack
14	`Exponential Moving Average (200) 1 day`	Setup label / MA stack
15	`High All Time`	EXT proximity (ATH)
16	`Low 52 weeks`	(EXT) proximity
17	`Low All Time`	(EXT) proximity fallback
18	`Relative Strength Index (14) 1 week`	EXTP / setup label
19	`Relative Strength Index (14) 1 day`	Reference column
20	`Market capitalization`	Display / sort

If a column name doesn't match exactly, the screener will skip that row when it can't find the data. All 20 columns are required for full functionality.

Step 3 — Save and label the screener

Save the screener with a clear name so you can re-run it weekly without rebuilding. Suggested name:

`Simplest Lab — V% Screener Export`

Any name works as long as you can find it. The label has no functional effect — it just helps you identify the right screener when you have multiple saved.

Step 4 — Export weekly

Run the screener and export the results as CSV. Cadence:

Window	When to export
Earliest	After Friday's close (4:00 PM ET / 1:00 PM PT)
Latest	Before Monday's pre-market open (4:00 AM ET / 1:00 AM PT)
Best practice	Sunday evening, gives you a full weekend to review

The V% computation depends on the completed weekly bar. Exporting before Friday's close means the weekly High, Low, and Open columns reflect an in-progress week, which produces noisy readings.

Step 5 — Drop the CSV into the screener

Open the V% Screener page on Simplest Lab, then drag the exported CSV file into the drop zone near the top of the page. The screener will:

- Parse all rows and compute V%, 1W%, and aggression for each
- Filter to V% ≥ 1.2 (default — adjustable in the V% threshold input)
- Classify each row's setup label (REV, PBK, EXT, EXTP, or none) based on price / EMA stack / RSI
- Sort into trend regimes (TREND, (TREND), MIXED, POCKET) by 1W direction vs longer-term direction
- Surface the AGGR cross-cut showing only stocks with |aggression| ≥ 1.0 across all regimes

Common mistakes to avoid

Pre-filtering for setups in TradingView

Don't filter for RSI, % change, or EMA conditions in your TradingView screener. The Simplest Lab screener computes those signals from raw data and uses them to classify rows. If you pre-filter, you remove rows the screener would have flagged.

Missing or renamed columns

TradingView column labels are case-sensitive. "Performance % 1 month" works; "1M %" does not. The screener silently skips rows where required columns are absent.

Exporting mid-week

Weekly High / Low / Open / ATR are based on the current weekly bar. If you export Wednesday, those values reflect a partial week. Wait for Friday's close.

Filtering to too-small a basket

If you only export 50 stocks, the screener has nothing to discriminate between. Aim for 200-500 in the export so V% can do real work.

Questions or issues with the screener? Provide feedback through the Simplest Lab site contact form. This guide will be updated as the screener evolves.