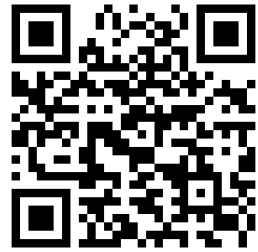


TradeCalc AI

Ten minutes. A few familiar calculations.
Help shape a tool built for the trades.

OPEN THE FREE BETA



SCAN TO TEST

01 / START HERE

Open the beta in your browser. No account or payment is required. Calculator opens first; use **Trade tools** for formulas or **Formula helper** for guided questions. Results below assume **3 decimals** and **Nearest** rounding.

tradecalc.colerippe.com

02 / TRY A KNOWN ANSWER

01 Calculator

Enter 5 ft 6 in + 2 1/2 in. Press =.

Expect: 5.708 ft; fractional display 5 ft 8 1/2 in.

02 Formula helper

Ask: "I have a 10-foot rise and 10-foot run. What is my diagonal?" Review, then Apply & calculate.

Expect: 14.142 ft diagonal; 45 degrees.

03 HVAC

Trade tools: Rectangular duct. Width 12 in, height 8 in, velocity 800 fpm.

Expect: 533.333 CFM; area 0.667 square feet.

04 Sheet Metal

Ask: "I need a 30-degree sheet-metal offset around an obstruction." Reply "6 inches" when asked. Confirm.

Expect: 12 in travel; 10.392 in advance (ideal centerline geometry).

05 Your trade

Try a familiar job using a result you have checked independently. Change one input and recalculate.

Expect: Check units, assumptions and rounding. Tell us what differs.

MAKE IT A FIELD TEST.

Install it, take it offline, and tell us what gets in the way.

03 / INSTALL & CHECK YOUR PHONE

iPhone / Safari: Open the calculator link. Use Share (or the page menu, then Share) > Add to Home Screen. Turn on Open as Web App if offered, then Add.

Android / Chrome: Open the calculator link. Use the three-dot menu > Add to home screen > Install. Follow the prompts.

Desktop / Chrome: Use the Install icon in the address bar when offered. If installation is unavailable, continue testing in the browser.

Offline check: While online, open the calculator and run one calculation. Close and reopen it online once. Then enable airplane mode and turn Wi-Fi off. Close and relaunch the installed app, try $7 + 8 = 15$, then repeat a trade calculation. Restore connectivity afterward. Report whether both the app and recent history survive relaunch.

Also check: tap accuracy, keyboard entry, dark/light mode, history restore, and whether any page needs sideways scrolling. Real-device installation and offline relaunch still need tester verification.

04 / SEND USEFUL FEEDBACK

Reply to the person who sent you the beta. Include:

1. Device, OS, browser and whether you installed it.
2. Tool or helper prompt, exact inputs, units and rounding settings.
3. Steps, expected result, actual result and a screenshot.
4. What felt useful or confusing; what you would change first.

Use the included **Feedback-template.txt**. Remove customer, job and personal details from screenshots or history exports before sharing. Feedback is not submitted automatically.

What this beta does - and what it still needs

31 trade tools, a deterministic math engine, and a local formula helper. The helper is not a live AI model. 182 automated tests passed in development; physical-device compatibility and independent trade review remain open. Approximate sizing is not an engineered or code-compliant design. Independently verify safety-critical results.

Guide and downloads: <https://tradecalc.colerippe.com/testing.html>

Installation references: Apple Safari guide / Google Chrome Help