

# Fluke HVAC/R Solutions













### Gas heat solutions

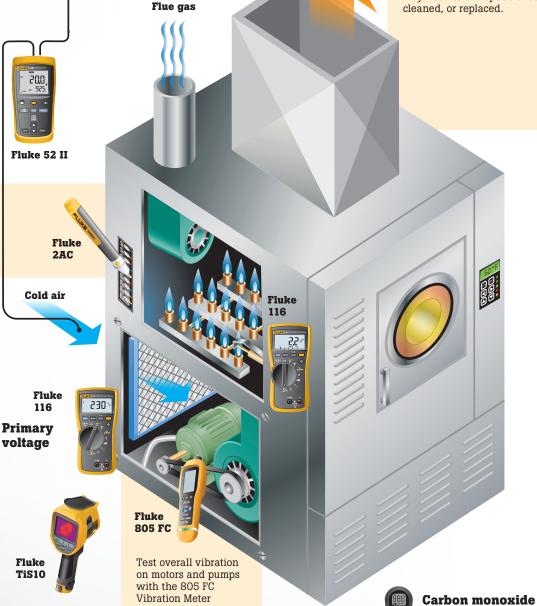
Air temperature difference Check the temperature difference across the heat exchanger with the Fluke 52 II, with the burner working. Expect a 40-75 °F temperature difference (TD). If the TD is low, then the fan is running too fast. If the TD is high, then the fan is running too slow or there is restricted air flow.

**Heated** air

Flame rod µA test Verify proper operation of the flame rectification circuit with the Fluke 116 in the µA mode. Compare measured value against flame control module specifications. Typical values are between 0.6 to 5.0 μA depending upon furnace manufacturer. If the µA reading is below specification, the flame rod may need to be repositioned, cleaned, or replaced.

## **Control voltage**Use the VoltAlert 2AC

to test for energized 24 V ac contacts.



Use the Fluke CO-220 to check for CO leaks around the heat exchanger, flue and other points within a building.

CO-220





### Fluke TiS10 Infrared Camera

Easy to use, point and shoot entry level infrared camera with 80x60 resolution—ideal for quick scans and inspections.



### Fluke 52 II Dual Input **Digital Thermometer**

The Fluke 52 Series II Thermometer provides high accuracy and performance in one of the most advanced, yet affordable dual input thermometers in the industry. Compatible with any J, K and many other type thermocouples. Ideal for differential temperature measurement.



### Fluke CO-220 Carbon **Monoxide Meter**

The CO-220 Carbon Monoxide Meter allows quick and reliable testing for carbon monoxide. The unit is easy to use with a large display andautomatic backlight. An audible beeper ticks faster as the CO level increases. Accurately measures from 0 to 1000 PPM of carbon monoxide.



### Fluke 805 FC Vibration Meter

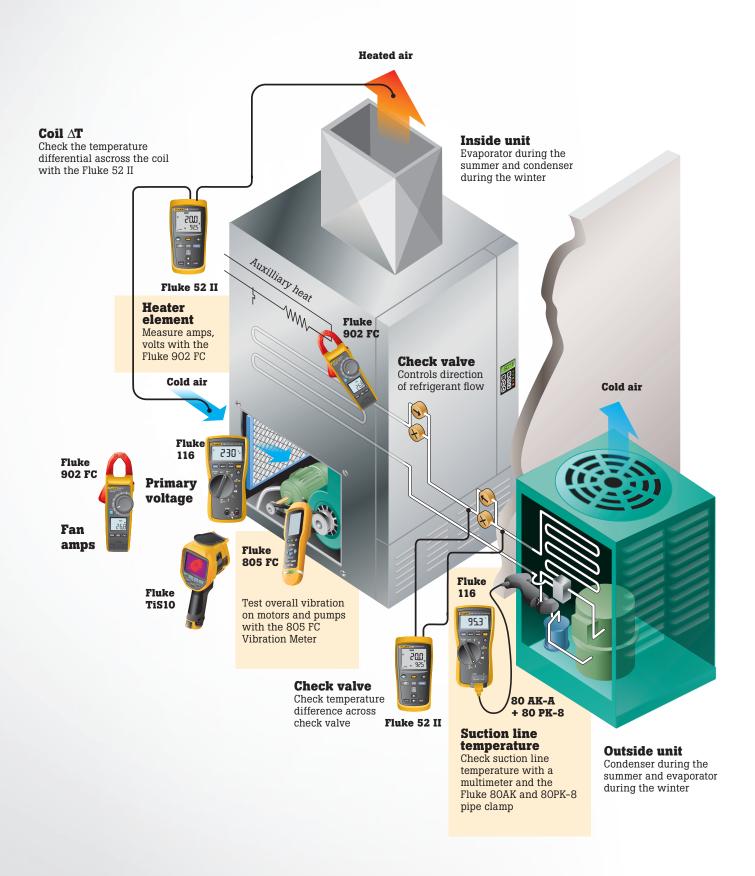
The reliable, repeatable, accurate way to check bearings and overall vibration and stay in contact with your team using Fluke Connect with ShareLive™.



#### Fluke 2AC VoltAlert™

The 2AC is the latest addition to the VoltAlert™ AC non-contact voltage tester family from Fluke and is designed to be pocketsized and easy to use. The 2AC tests for energized circuits and defective grounds, whether it's for an electrician on the factory floor or the do-it-yourselfer around the house.

## **Heat pump solutions**







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Easy to use, point and shoot entry level infrared camera with 80x60 resolution—ideal for quick scans and inspections.



### Fluke 116 Digital Multimeter

With the ability to take temperature and microamp measurements, the Fluke 116 Digital Multimeter has everything you need to help you quickly troubleshoot problems with HVAC equipment and flame sensors. The Fluke 116 measures resistance, continuity, frequency and capacitance.



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### Fluke 902 FC True-rms **HVAC Clamp Meter**

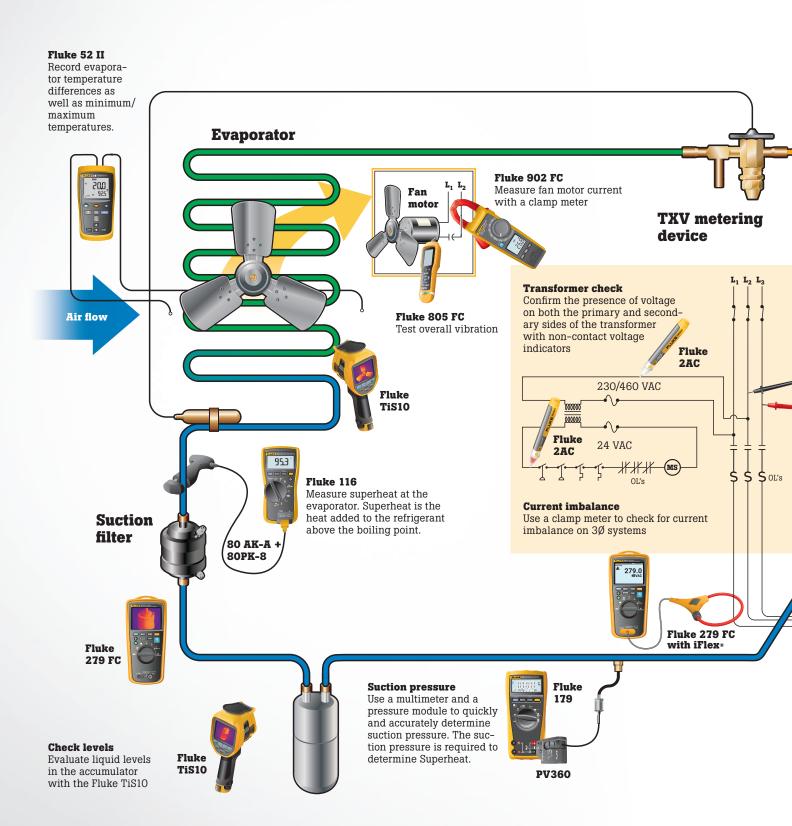
The Fluke 902 FC True-rms HVAC Clamp Meter, a wireless Fluke Connect®-enabled meter, improves the productivity of HVAC technicians in the field. The rugged dual rated—CAT III, 600 /CAT IV, 300 V-meter performs the essential measurements of HVAC systems.

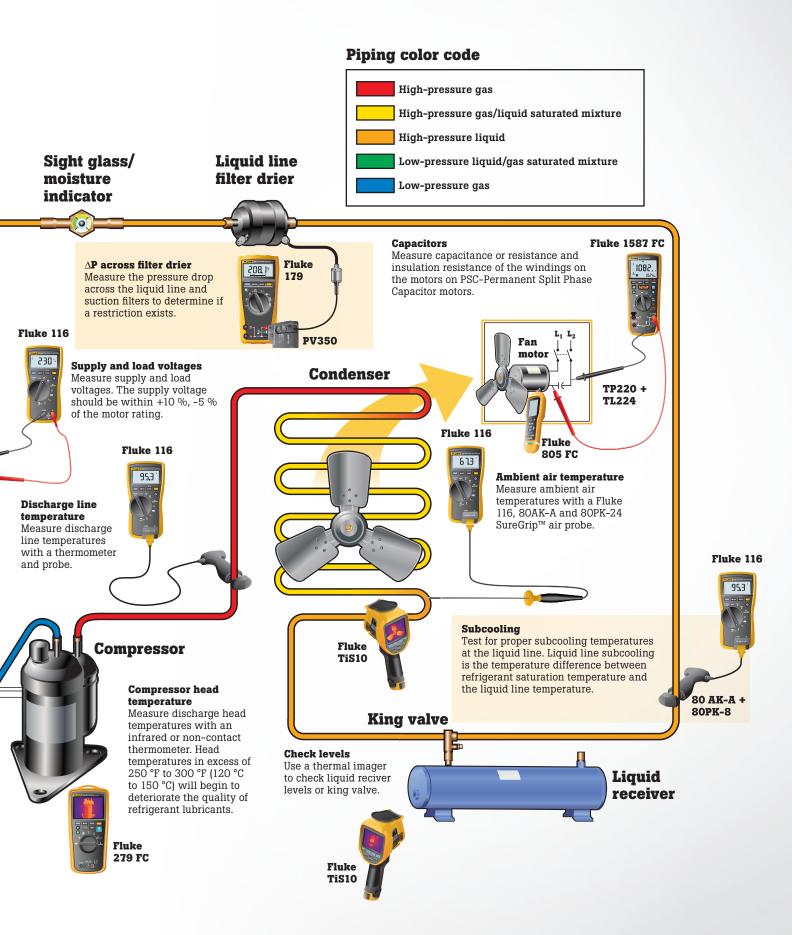


### Fluke 805 FC Vibration Meter

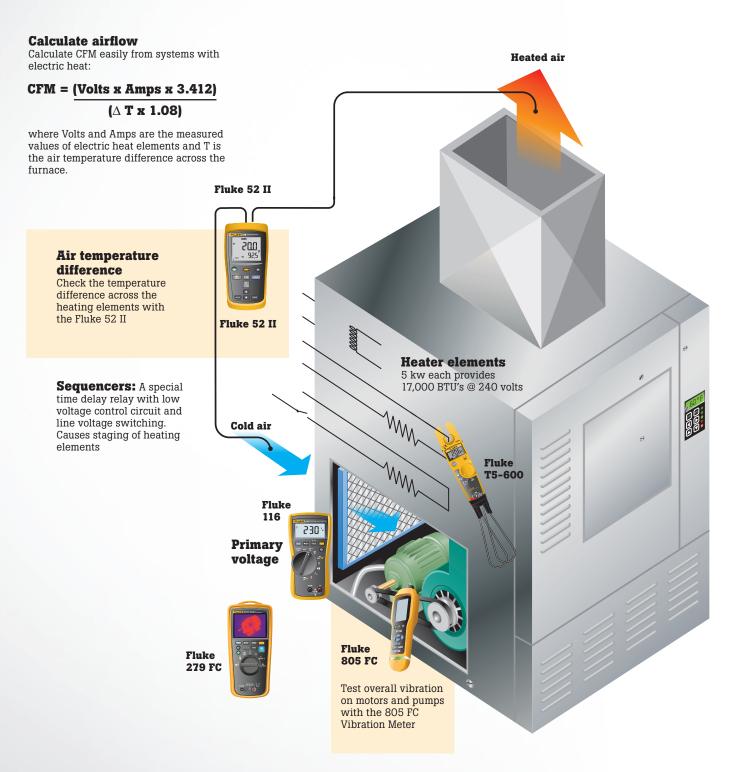
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## Air conditioning and refrigeration solutions





### **Electric heat solutions**



Electric heat BTU's = volts × amps × 3.412





### Fluke 279 FC Thermal Multimeter

The 279 FC is a full-featured digital multimeter with integrated thermal imaging and is designed to increase your productivity and confidence.



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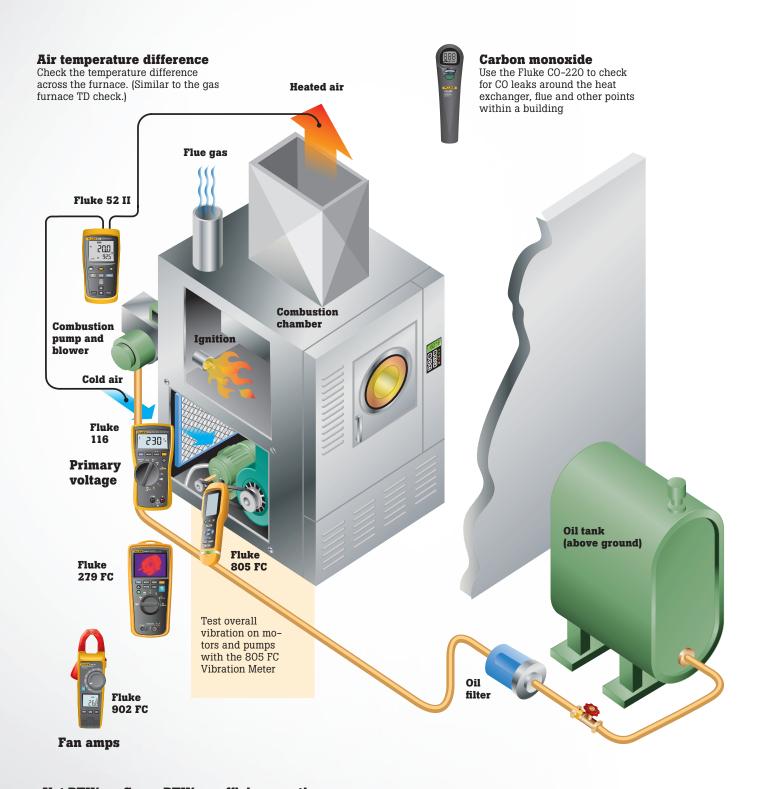
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### Fluke T5-600 Voltage, Continuity and Current Tester

Fluke T5 Series Electrical Tester is a flexible design for the basic measurements of volts, amps, and ohms, which is a safer alternative to traditional solenoid testers. Compact OpenJaw™ technology makes current measurement simpleand reliable from 100 A down to 0.3 A ac.

### Oil heat solutions



Net BTU's = Gross BTU's × efficiency rating





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### **Promotions**



Fluke. Keeping your world up and running.®

Fluke Corporation

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