

# Fluke 902 FC True-RMS HVAC Clamp Meter



Fluke 902 FC



## Improve productivity in the field

The Fluke 902 FC delivers the features necessary to diagnose and repair HVAC systems. In addition, with Fluke Connect™ you can trend measurements, create and send reports right from the field, and safely stay away from live equipment.

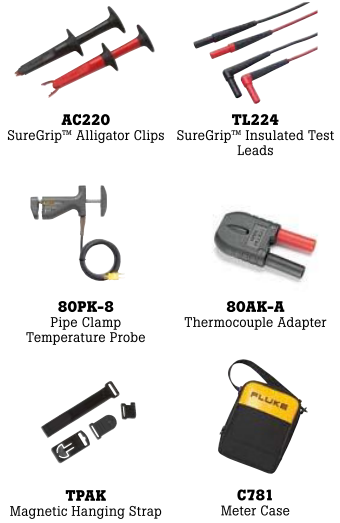
## Applications for HVAC

- 200 µA DC current measurements to measure flame rod
- Extended resistance range to measure thermistors up to 60 kΩ
- Capture flue gas temperature
- Measure start and run motor capacitors
- Measure performance of variable frequency drives
- Temperature measurement from -10° C to 400° C (14° F to 752° F)
- 1000 µF capacitance measurement
- IEC 61010-2-032: CAT III 600 V, CAT IV 300 V
- Three-year warranty

| Functions           | Range                             | Resolution | Accuracy  |
|---------------------|-----------------------------------|------------|---|
| A AC (via Jaw)      | 60/600 A                          | 0.01/0.1 A | ±(2.0% + 5 digit) (45-65 Hz)<br>±(2.5% + 5 digit) (65-400 Hz) |
| V AC                | 600 V                             | 0.1 V      | ±(1.5% + 5 digit) (45-400 Hz)                                 |
| V DC                | 600 V                             | 0.1 V      | ±(1% + 5 digits)  |
| Ohms                | 600/6000 /60000 Ω                 | 0.1/1/10   | ±(1% + 5 digits)  |
| µA                  | 200 µA                            | 0.1 µA     | ±(1% + 4 digits)  |
| Contact Temperature | 10° C to 400° C (50° F to 752° F) | 0.1 C/F    | ±(1% + 8 digits)  |
| Capacitance         | 100.0/1000 µF                     | 0.1/1 µF   | ±(1% + 4 digits)  |
| Continuity Beeper   |                                   |            |   |
| Beep Volume         | 75 dBA nom. 15 cm from case front |            |   |
| On Threshold        | <=30 Ω                            |            |   |

## Recommended Accessories

### Fluke 902 FC



# Fluke 368 FC/369 FC AC True-RMS Leakage Current Clamp Meters



Fluke 368 FC

Fluke 369 FC

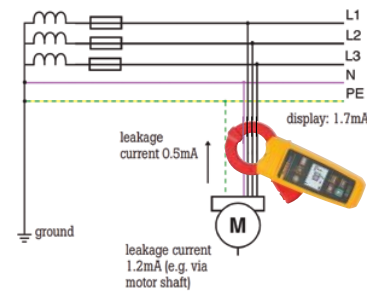


## Measure leakage current to track small problems, avoid large problems

The Fluke 360 Series of True-RMS Leakage Current Clamp Meters help users detect, document, record and compare leakage current readings over time to prevent unplanned downtime, and identify intermittent GFCI and RCD trips, without taking equipment offline.

- True-RMS measurements for accuracy when measuring complex, non-sinusoidal waveforms
- Jaw size: 40 mm (1.57 in) (368 FC) and 61 mm (2.4 in) (369 FC)
- Current resolution 1 µA/0.01 mA and 0.01 A/0.1 A
- Frequency range 40 Hz to 1 kHz
- Selectable filter 40 Hz to 70 Hz or wideband 40 Hz to 1 kHz
- Highest resolution of 1 µA, measure up to 60 A
- Forward-facing LED worklight for use in dark wiring cabinets
- Backlit display; auto backlight off and auto power off for extended battery life.
- Wireless data connectivity via Fluke Connect™
- CAT III 600 V safety rating
- Three-year warranty

| Specifications       |  |
|----------------------|--|
| Measurement Function | Alternating current  |
| AC Ampere Range      | 3 mA, 30 mA, 300 mA, 3 A, 30 A, 60 A<br>mA, A: manual selection                  |
| Range Selection      | 3 mA, 30 mA, 300 mA: automatic selection<br>3 A, 30 A, 60 A: automatic selection |
| Frequency            | 40 Hz to 1 kHz   |
| Crest Factor         | Three  |



## Included Accessories

**Fluke 902 FC:** TL75 Test leads, 80BK Integrated DMM Temperature Probe, Two AA Alkaline Batteries, Soft Carrying Case, Statement of Calibration Practices and User Manual.

**Fluke 368 FC/369 FC:** Soft Case, Two AA Batteries, Safety Manual.

## Ordering Information

**FLUKE 902 FC** HVAC Clamp Meter

**FLUKE 368 FC** AC Leakage Current Clamp Meter

**FLUKE 369 FC** AC Leakage Current Clamp Meter

Contact your local distributor for price and availability.  
fluke.com/wtb