



# WIRELESS

# FULL SYSTEM ANALYSIS IN REAL TIME



## Upgrades from HG2

- Wireless Measurements
- Measures 13 Parameters Simultaneously
- CFM Test for Air Balancing
- Data Logs Multiple Parameters
- Turns Accessory Heads into Wireless



Return Wet Bulb

Supply Dry Bulb

Suction Line Pressure

Suction Line Temperature

**Unmatched Accuracy**

HG3 System Analyzer



Professional-grade instruments for HVACR field service

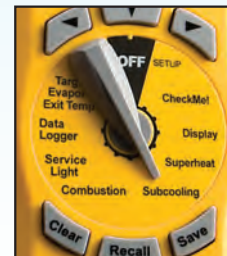
# Instant Full System Snapshot

The new **WIRELESS** HG3 System Analyzer and ET2W Transmitter turn any Fieldpiece Accessory Head into a **WIRELESS** device! The HG3 walks you step-by-step through critical HVAC tests. With the wireless capability, all your measurements are taken in real-time, so you can diagnose a system more accurately.

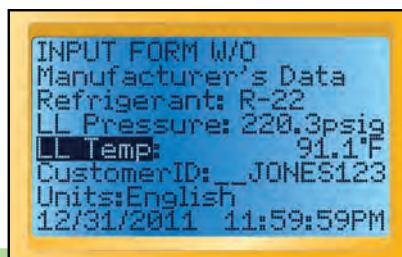
## How it Works

### 1. Select a Test on the Dial

- CFM Calculator
- Multi-Parameter Data Logging
- CheckMe!® Full System Analysis Test
- Subcooling
- Superheat
- Combustion Analysis
- Target Superheat Calculator
- Target Evaporator Exit Temp (Delta T)

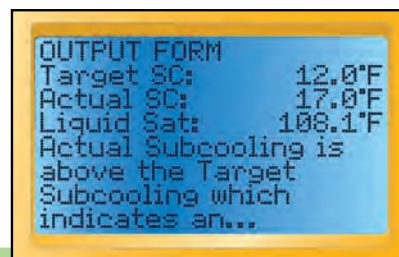


### 2. Input Data on the INPUT FORM (Wirelessly or directly)



Subcooling INPUT FORM

### 3. View Results on the OUTPUT FORM



Subcooling OUTPUT FORM



## Improve Customer Confidence and Document Your Jobs

- Store up to 200 Tests on HG3
- Download Test Data to PC
- Print Out Test Results for Billing and Documentation

All tests can be saved, downloaded to a PC and printed out. You can easily review the measurements on the HG3 with your customers while you're receiving data wirelessly, and show them what the recommended fixes are.

To provide verification, you can also download the tests to a personal computer and print out the results for your customers. Plus you can store all the data for reference the next time you are called to the job site.

# WIRELESS Measurements

Your Job isn't Easy, but it Just Got Easier



- More Accurately Diagnose Systems with Real-time Data
- 12 Wireless Measurements at the Same Time
- Monitor System While Making Adjustments
- Wireless Signal from 100' Away
- Minimize Call-backs with Correct Diagnosis the 1st Time

Simply slide any Fieldpiece Accessory Head onto the ET2W wireless transmitter to make any head a **wireless** measuring device. Set up heads around the system and view the measurements from anywhere on the job site. With a complete live system snapshot you know you're making adjustments and repairs based on real-time, accurate measurements.

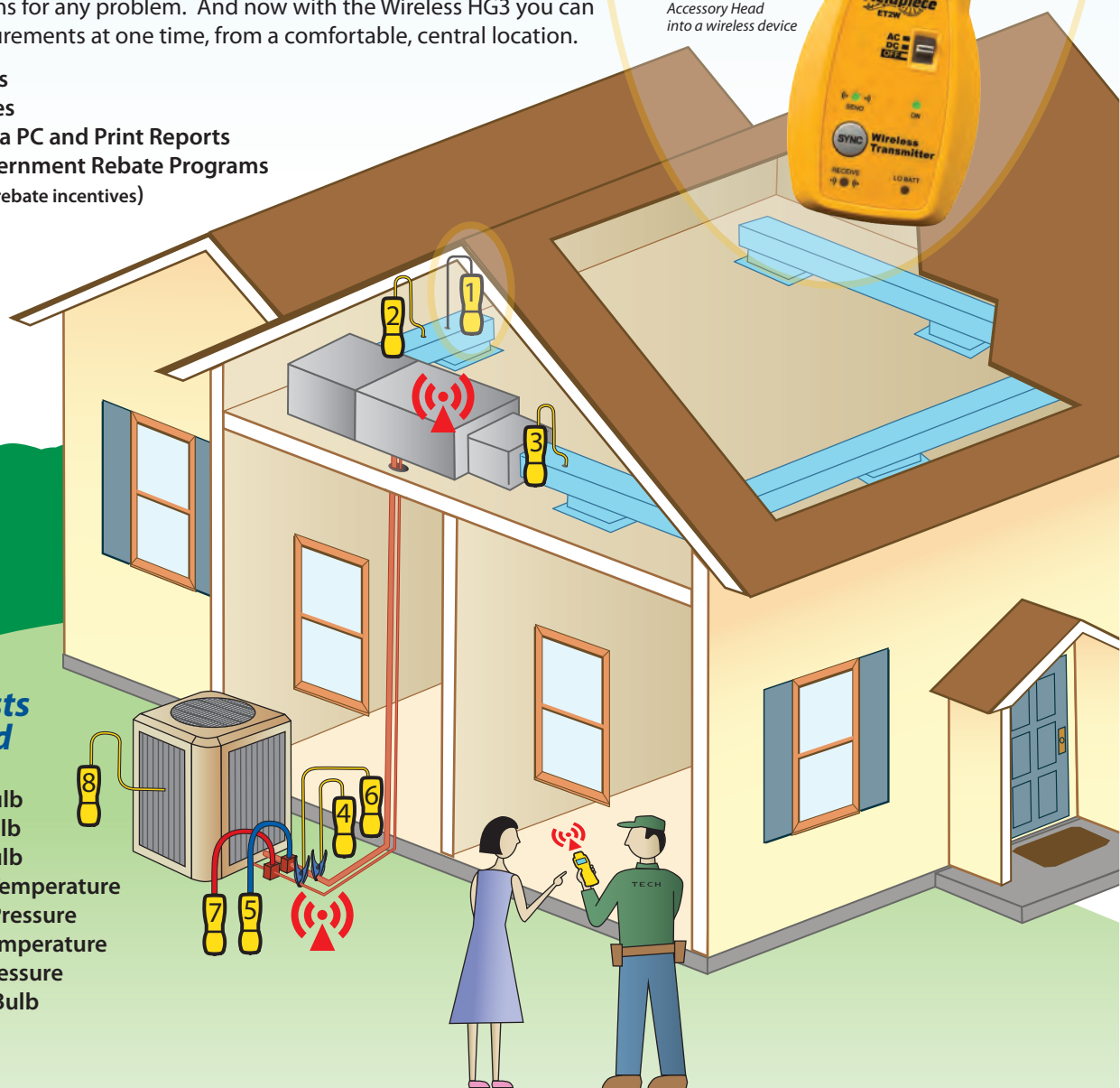
## Full System Analysis and Recommended Fixes with the CheckMe!® Test

The CheckMe!® test takes up to 15 parameters to diagnose a system, and recommends solutions for any problem. And now with the Wireless HG3 you can capture all the measurements at one time, from a comfortable, central location.

- Full System Analysis
- Recommended Fixes
- Save, Download to a PC and Print Reports
- Satisfies Some Government Rebate Programs (contact your utility for rebate incentives)

Wireless Transmitter turns any Fieldpiece Accessory Head into a wireless device

In-Duct Psychrometer available summer 2011



## Wireless Tests Represented

- 1) Return Wet Bulb
- 2) Return Dry Bulb
- 3) Supply Dry Bulb
- 4) Suction Line Temperature
- 5) Suction Line Pressure
- 6) Liquid Line Temperature
- 7) Liquid Line Pressure
- 8) Outdoor Dry Bulb

# HG3 HVAC Guide® System Analyzer



## What's Included

- HG3 HVAC Guide® System Analyzer
- ET2W Wireless Transmitter
- ATH4 Dual Temperature Accessory Head
- ATA1 Dry Bulb Thermocouple
- ATWB1 Wet Bulb Thermocouple
- ANC8 Carrying Case
- CD for PC Software and Connector

## Available Kits

**Airflow Kit** — The HG3K7AF gives you three ways to do Airflow: 1) At the grille with the AAV3 vane anemometer. 2) In the duct with the AAT3, hot wire anemometer. 3) With the ATH4 temperature head using the Target Evap Exit Temp (Delta T) test. Includes three ET2W wireless transmitters and four accessory heads.

**Charging Kit** — With the HG3K8C you can do your superheat or subcooling while simultaneously checking airflow with the Target Evap Exit Temp (Delta T) test. Includes four ET2W wireless transmitters and four accessory heads.

**Full A/C Diagnostics Kit** — THE most accurate way to do a full system diagnosis, the HG3K18AC uses all wireless measurements to get real-time data for the CheckMe!® Test. Includes nine ET2W wireless transmitters and nine accessory heads.



Visit [www.fieldpiece.com](http://www.fieldpiece.com) to learn more