



TIFVA500A Digital HVAC Analyzer



FEATURES

- Dew Point in ° F
- Temperature in ° F
- Relative Humidity in %
- Air Velocity in Feet per Second (ft/s)
- Air Volume in Cubic Feet per Minute (cfm)
- ENERGY Capacity in BTU's per Hour
- Large Liquid Crystal Display (LCD)
- One universal probe
- Accurate and Durable
- 9V battery operated
- Low battery indication
- Six foot coil cord
- Tough ABS housing
- Protective Carrying Case Included
- CE approved
- One Year Warranty

BENEFITS

- Allows for the measurement of ROUND GRILLS
- Wide range of Applications from simple temperature, humidity, air velocity and dew point to balancing complex multi-outlet systems
- Hand held, completely portable & lightweight
- Direct readings – no additional calculations needed
- Analyze & troubleshoot multi-outlet systems
- Easy to use Keypad Controls
- Memory allows Cumulative Volume and BTU measurements



Engineered
for Success



TIFVA500A Digital HVAC Analyzer



APPLICATIONS

- AMBIENT TEMPERATURE
- INLET AND OUTLET TEMPERATURE & HUMIDITY
- COOLING & DEHUMIDIFICATION EFFICIENCY
- AMBIENT HUMIDITY
- DEW POINT
- INLET AND OUTLET VELOCITY
- SYSTEM BALANCING
- CALIBRATING/SETTING VENTS
- AIRFLOW MEASUREMENTS
- POWER MEASUREMENTS (BTU)
(BTU IN VS BTU OUT)
- SYSTEM EFFICIENCY
- SYSTEM ADJUSTMENTS
- PERFORMANCE CHECKS
- FAN ADJUSTMENTS / BLOWER
PERFORMANCE
- HEATING AND AIR CONDITIONING
- AIR CIRCULATION AND EXCHANGE
- INDOOR AIR QUALITY

TECHNICAL DATA

Ranges:

Temperature: 23°F to 149°F
(-5°C to 65°C)

Humidity: 10-95% RH

Velocity: 1.8 to 49 fps
(0.5 to 15 m/sec.)

Accuracy:

Temperature: +/- 2°F

Humidity: +/- 3%

Velocity: +/- 3%

Dew Point: +/- 3%

Response Time:

Temperature: < 5 secs.

Humidity: < 10 secs.

Velocity: Instantaneous

Dew Point: < 10 secs.

Display: 5 digit, 3" x 1.75" LCD

Coil Cord Length: 72 inches (1.8m)

Operating Temperature: 32°F to 122°F (0°C to 50°C)

Power Supply: One 9V Alkaline battery

Battery Life: Approx. 8 hours continuous

Weight: 15 ounces (430g)

Dimensions:

Controls - 8" x 3.5" x 2" (20.3 x 8.9 x 5 cm)

Probe - 6.75" x 3" x 2" (17.1 x 7.6 x 5 cm)



Miramar, Florida
Ph.: 954-499-5400
Fax: 954-499-5418
Toll Free: 1-800-327-5418
www.TIF.com