



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



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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)
- SYSTEM EFFICIENCY (BTU IN VS BTU OUT)
- 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)



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