

Comparison Sheet

TEC DG-700 with WiFi Link and Retrotec DM32W

	TEC DG-700 with WiFi Link	Retrotec DM32W (with WiFi)
Meets Equipment Accuracy Requirements for RESNET¹ Building Airtightness and Duct Leakage Test Standards?	Yes – Meets and exceeds the accuracy requirements for pressure gauges of +/- 1% or 0.5 Pa, whichever is greater.	No – Comparison of multiple DM32W gauges with NIST traceable standard shows non-compliance.
Meets Equipment Accuracy Requirements for USACE² Building Airtightness Test Standard?	Yes – Meets and exceeds the accuracy requirements for pressure gauges +/- 1%, or 0.25 Pa, whichever is greater.	No – Comparison of multiple DM32W gauges with NIST traceable standard shows non-compliance.
Includes both Direct Connect and Router Mode Wireless Options?	Yes – WiFi can connect directly to mobile device or through a wireless router.	Yes – WiFi can connect directly to mobile device or through a wireless router.
WiFi Upgrade for Existing Gauges?	Yes – Adds great new features to DG-700 gauges you already own. WiFi Link by itself is only \$195.	No – Can't upgrade DM-2 gauges to include WiFi.
Battery Life without WiFi?	100 hours – Provides the longest use time of any hand-held pressure gauge.	11 hours
Battery Life with WiFi?	30 hours – Longer battery life means more tests.	9 hours
Replaceable Batteries On-Site?	Yes – Uses standard AA batteries that are easy to replace in the field and get you back to testing.	No – Must be recharged or gauge plugged into power source limiting when and where you can use the gauge.
Total List Price?	DG-700 <i>plus</i> WiFi Link – \$1,045	DM32W – \$1,470

1 RESNET Mortgage Industry National Home Energy Rating Systems Standards - sections 802.9 and 803.9.

2 USACE Air Leakage Test Protocol for Building Envelopes Version 3 - section 4.4.

Performance Testing Tools

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