

Technical Data Sheet

HomeSeal Connect 4.0



SECTION 1: Product Details

Product Name	HomeSeal Connect 4.0
Description	Patented Aeroseal duct sealing system with built-in wireless and GSM modules suitable for residential applications. The unitary system includes “Aerosuite” software that controls the machine and provides a user-friendly interface for monitoring sealing process, measuring PreSeal and PostSeal leakages, and printing certificates.
User Interface	Laptop with Aerosuite Software



SECTION 2: Product Specifications

Supply voltage	Single phase, 120 V
Frequency	60 Hz
Power	4000 W (separate circuits may be required)
Communication	USB, Wifi, GSM
Wifi range	200 ft. <i>Wifi range is dependent on ambient weather conditions, home construction materials</i>
Operating temperature	40 °F to 140 °F
Storage temperature	-4 °F to 160 °F
Weight	87 lbs.
Dimensions	26" (l) x 21" (w) x 18.5" (h)

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Sealing range	Up to 1600 CFM ₂₅ (Pduct > 10 Pa)
Measurement range	15 to 2000 CFM ₂₅ (Pduct > 5 Pa)
Accuracy	+/- 5%
Fan capacity	500 CFM
Add-on fan capacity	N/A
Fan static (max)	660 Pa
Sealant injection	Single speed pump (58 ccm)

SECTION 3: Other Utilities / Accessories Needed for Aeroseal Process

MINIMUM REQUIREMENTS	
Dry compressed air	Continuous duty air compressor with at least 90 psi pressure and maximum 125 psi, Flow - 6.5 SCFM @ 100 psi, with oil and moisture filters and an output pressure regulator
Air scrubber	> MERV 13 filtration (3 - 10 micron particles)
Generator (optional)	5 kW / 5.5 kVA (for operating the machine) 10 kW / 12.5 kVA (for operating machine, compressor and accessories)
Oil and moisture filter (recommended)	Desiccant dryer 7 SCFM flow / 125 psi minimum Regenerative dryer with an oil coalescent filter to deliver clean, oil-free, and dry air