

Technical Data Sheet

EuroSeal 4.0



SECTION 1: Product Details

Product Name	EuroSeal 4.0
Description	Patented Aeroseal duct sealing system with built-in wireless and GSM modules suitable for residential and commercial applications. The unitary system includes “SmartSeal” 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 Commercial SmartSeal Software



SECTION 2: Product Specifications

Supply voltage	Single phase, 230 V
Frequency	50 Hz
Power	4000 W (separate circuits may be required)
Communication	USB, Wifi, GSM
Wifi range	200 ft. / 60.96 m <i>Wifi range is dependent on ambient weather conditions, home construction materials</i>
Operating temperature	40°F to 140°F / 4°C to 60°C
Storage temperature	Above 32°F / 0°C
Weight	87.5 lbs. / 39.5 kg
Dimensions (Length x Width x Height)	26 x 21 x 18.5 in. / 66 x 53 x 47 cm

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Sealing range	Up to 1600 CFM ₂₅ (Pduct > 10 Pa) / 755 l/s (Pduct > 10 Pa)
Measurement range	15 to 2000 CFM ₂₅ (Pduct > 5 Pa) / 944 l/s (Pduct > 5 Pa)
Accuracy	+/- 5%
Fan capacity	540 CCM / 254.85 l/s
Fan static (max)	705 Pa
Sealant injection	Single speed pump (15 cm ³ or 50 cm ³ depending on sealant tube used)

SECTION 3: Other Utilities / Accessories Needed for Aeroseal Process

MINIMUM REQUIREMENTS	
Dry compressed air (not included)	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 / 620,528 Pa - 861845 Pa, Flow 2.83 l/s @ 689476 Pa
Air scrubber (not included)	> MERV 13 filtration (3 - 10 micron particles)
Generator (not included)	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 / 3.58 l/s 861845 Pa Regenerative dryer with an oil coalescent filter to deliver clean, oil-free, and dry air

SECTION 4: Add-On Component

AVAILABLE FOR PURCHASE	
Booster Fan Box	540 CFM / 254.85 l/s

To order a booster fan box, contact support-europe@aeroseal.com.