

SPECIFICATION/DATA SHEET FOR EQUIPMENT



SECTION 1: Specifications for Gen 2.1 FC00012



Product Name	Gen 2.1
Part #	FC00012
Description	Patented AeroSeal duct sealing kit for Commercial Applications. This is a modular system, complete with all interconnecting cables, computer suitcase Commercial version of "Smartseal" software that control the machines and provides a user friendly interface for monitoring sealing process and for reporting leakage measurements at required Operating pressures. Commercial software provides ability to store and manage sealing events byprojects, make summary sealing reports, SMACNA testing. The kit includes all needed accessories, compressors, air drier.
User Interface	Computer with Commercial SmartSeal software

SECTION 2: Data for Gen 2.1 FC00012

Data Specifications for Gen 2.1 FC00012

Supply Voltage	Single phase, 120V
Frequency	60 Hz
Power	4200W (3 separate 20A circuits)
Number of separate circuits	3 x 20A circuits for main machine 1 x 20A for Electric Compressor 2 x 10A for scrubbers 1 x 10A for Refrigerated air drier
Communication	USB cable
Wifi Range	200 ¹
Operating temperature	40F to 140 F
Storage temperature	-4 F to 160 F
Weight	Varies (modular)
Dimensions	Does not Flash below boiling point

Technical Parameters for Gen 2.1 FC00012

Sealing range	Each Box: 1600 CFM25 (Pduct > 10 Pa) - Range is expandable by using booster
Measurement range	15 to 2000 CFM25 (Pduct > 5Pa) - Range is expandable by using booster fan boxes Fan boxes
Accuracy	+/- 5%
Fan Capacity	575 CFM
Add-ON fan capacity	575 CFM per Booster box
Fan static (max)	660 Pa (max 2.5")
Sealant injection	Multiple speed pump (25, 63, 100, 150 ccm)

Notes: **Fan Capacity can be expanded modularly with additional booster box

SECTION 3: Other Items Needed

Other Utilities / Accessories Needed for AeroSeal Process		
	MINIMUM REQUIREMENT	RECOMMENDED ACCESSORIES
Dry Compressed Air	Continuous duty aircompressor with atleast 90 PSI pressure and maximum 125 PSI, Flow - 6.5SCFM@100PSI, Oil and moisture filters and an Output pressure regulator	Jenny Electric compressor kit (82ASF6010) Model # K15-8P-115 or Jenny Gas Compressor (82ASF6011) Model # K5HGA-8P
Air Scrubber	> MERV 13 filtration (3-10 micron particles) capability	AeroSeal Mini Scrubber (82ASF6029) 1700CFM(free) with MERV 13 filters
Generator (optional)	5kW/ 5.5kVA (for operating the machine) 10kW/12.5kVA (for operating machine, compressor and accessories)	5kW/5.5kVA Generator (P/N 82AS1361) and a 240V/120V - splitter (P/N 82AS1401)