

Specifications

Physical Characteristics

Dimension (L x W x H)	17" x 5" x 15" (43cm x 12cm x 36cm)
Weight	23 Lbs. (approximately 8 kg) empty

Operational Requirements

Power	120 VAC, 60 Hz, 10 Amps (PN 9300408)
	240 VAC, 50 Hz, 5 Amps (PN 9300409)
Power Consumption	1050 Watts
Electrical Fuses	For 120V, two required, 5 x 20 mm, 10A, 250V, FAST BLO
	For 240V, two required, 5 x 20 mm, 5A, 250V, FAST BLO
Aerosol Reagent	DOP (DEHP), PAO-4, DOS (DEHS), Ondina, or mineral oil
Liquid Aerosol Reagent Capacity	64 fluid ounces (1.1 liters) of reservoir capacity
Compressed Inert Gas Input	24 psi ± 1.5 psi (1.65 Bar ± 0.1 Bar)
Compressed Inert Gas Consumption Rate	0.21 CFM (6 L/min)
Duct System Requirement	Negative pressure required. Positive duct pressure requires auxiliary injection device having a higher pressure. ATI has a Positive Injection Pump
Duty Cycle	Intermittent ON/OFF or <4 hours ON and >1 hour off

Operating Conditions

Ambient Temperature	32 to 104° F (0 to 40° C) (with no condensation or icing)
Ambient Pressure	Standard atmosphere
Ambient Humidity	5% to 95%
Storage Requirements	-13 to 131° F (-25 to 55° C) and less than 95% relative humidity (with no condensation or icing)

Performance Specification ¹.

Generation	Thermal condensation
Warm Up Time	<90 seconds to reach operating temperature of 370° F (188° C)
System Flow Rates	500 – 70,000cfm (833-119,000 m ³ /hr.)
Max. Aerosol Concentration ¹ .	100ug/l @ 7,000cfm (100mg/m ³ @ 11,900m ³ /hr.) 10ug/l @ 77,700cfm (10mg/m ³ @ 119,000 m ³ /hr.)
Max. Oil Consumption	19.8 g/min (0.776 oz.)
Runtime	41 minutes (at maximum oil consumption)
Particle Distribution	Meets ANSI/ASME N509/510