

## TECHNICAL BULLETIN

### SPECIFICATIONS: The BOSS-1330™ Electric ULV Mister

MOTOR / BLOWER SAMSUNG	VAC / Hz AMPS WATTS RPM	230-240 Volt / 50/60 Hz 5.625 1330 Watts 31,000 +/- 1500
AIR VOLUME - OUTPUT		2880 lts / minute
VACUUM		30.0 kPa
FORMULATION TANK	Capacity in Litres with Graduated markings	6lt STD (4lt, 5lt, 9lt Optional)
FLOW RATE VALVE	Adjustable / Variable Output	Needle Valve, Brass, SSTL (Optional)
	Maximum Flow Rate	60 lts/Hr
SET FLOW RATE VALVES	FSFR Valves, BRASS, SSTL Optional	Set of 5: #20 = 5 lts/Hr, #28 = 10 lts/Hr, #37 = 16 lts/Hr, #42 = 21 lts/Hr, #47 = 26 lts/Hr
DROPLET RANGE	Visible* metres	15-20 metres

\*Droplets travel further than what are visible. Actual droplet travel depends of many environmental factors –wind/breeze velocity, ambient temperatures, solution viscosity, droplet sizing & density, etc

PARTICLE SIZE DIAMETER	Measured in microns (µm)	5 – 50 µm
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Droplet size is determined by Formulation (Solution) Flow Rate adjustments. High Flow Rate = larger droplets.  
LowFlow rate = smaller droplets. The viscosity of the Formulation (Solution) also effects droplet sizing.

NOZZLE	Vortical in that the spray swirls on exit	NOVA-MIST™ Vortical Adjustable Nozzle
	DIFUSSER - Material	HDPE
	Face Plate Replaceable	Yes
	Air Bleed	Yes
Material - Construction	Motor Housing/ Nozzle	HDPE
	Formulation Tank	HDPE
	Protective Tank “Boot”	Rubber
	Fittings	BRASS, SSTL - Optional
	External Delivery Lines	Nylon
	Internal Delivery Lines – Housing & Tank	BRASS, SSTL - Optional
	“O” Ring Material / in-Tank Filter	VITON
Multi-Purpose Use	Application of Insecticides, Fungicides, Foliar Fertilizers, Disinfectants, Sanitizers	
Tank Opening Ports	YES – Each comply with W.H.O. Guidelines	>90mm diameter
Formulation Filter	In-Tank Push on Filter	SSTL Mesh with VITON Support
Warranty	Conditional	24 Months
Shipping Dims		36.0cm x 36.0cm x 52.0cm



PronixNovaUK Ltd.

*Designers & Manufacturers of  
Professional Pest Management Products.*

Volume (Packed)	Cubic Metres	0.07 m <sup>3</sup>
Weight (kgs)		6.6 kgs
<b>ADDITIONAL FEATURES</b>		
Screw Cap Assembly	No screws – plastic to plastic. Motor is secured in Housing with a Screw Cap, Nozzle is secured by a Screw Cap, Formulation Tank + Housing secured with a Screw Cap	
Internal Sound Dampner	Noise Suppressor Capacitor	
Heat Sink – Heat Shied	Within Motor Housing	
Thermal Cut Out	For Motor Protection	
TORQUE CONTROL	Motor Torque Control to counter the motor wanting to spin inside of the Housing –completely elimination electric wiring twist	
2 Part Wiring	To allow easy removal of Motor from the attached wiring for maintenance purposes.	

**NOTE: The above Specifications are as describes at the time of writing. PronixNova reserves the right to make Technical changes at any time without any prior notice.**

