

TECHNICAL BULLETIN:

Key Features: The COMBO 5 in 1™ Modules paired with The BOSS-1330™ – Portable, Electric ULV Mister*.

***The COMBO 5 in 1™ may also be assembled with The Chief 700™ and CHIEF 1000™ as well as The miniBOSS 700™**

The COMBO 5 in 1 Modular Applicator System consist of 5 distinct ULV Mist spraying platforms and abled to be simply** assembled or simply** disassembled depending on the need.:

1. Fully Extended Version - All modules assembled together.
2. Trailed Version – the central, elevated “Z” frame support is removed.
3. Vertical / Bin Shute Version - the central, elevated “Z” frame support is removed.
4. Bench-Top / Suspended Version – the “z” frame and wheel support is removed.
5. Wheelie Version – only the Formulation Tank support basket is used.

**** Purpose designed single action clamps.**

Key Features: The BOSS-1330™ Portable, Electric ULV Mister

- **The BOSS-1330™** is unique in terms of Care, Service and Maintenance
 - Minimal Service Tools are required (1 x Wrench, 1 x Screwdriver) to dis-assemble and re-assemble the entire machine - all Parts.
 - It is Field Strippable – pretty much BY HAND – of major components including All Electrical Replacement requirements. The BOSS-1330™ can be dis-assembled and re-assembled by HAND.
 - Motor / Filter / Anti –Torque Block replacement – no Tools required.
 - Nozzle Replacement / Cleaning / Service – no Tools required.
 - Formulation Tank Replacement / Cleaning – no Tools required.
- **The BOSS-1330™** is constructed with rugged with Chemically Resistant **High Grade Virgin HD Polyethylene**
- **The BOSS-1330™** has::
 - a Powerful 1330 Watt Samsung Motor
 - an anti-torque effect elimination assembly - with a purpose designed ‘anti-torque’ block and bracket preventing motor spin and twisted wiring.
 - an internal Heat Shield – dramatically reducing Air Friction Heat to Motor/ Nozzle Housing.
 - all-metal Liquid / Air Delivery Components – except for 2 External Flexible Nylon Liquid / Air Delivery Tubes.
 - all fittings are BRASS – no plastic bolts/nuts. Stainless Steel fittings are option
- **The BOSS-1330™ features THREADED SCREW CAPS** – Closures ARE NOT secured with metal to plastic screws.
 - Screw Caps - **completely** eliminate any air pressure loss.
 - Screw Caps - have large Grip-Lugs for easy hand tightening
 - Screw Caps - allow for ease of Field Servicing. Screw-on Caps feature for:
 - (1) Motor within Housing containment.
 - (2) Securing Nozzle Diffuser and Nozzle Face Plate to Body.

- (3) Securing Flow-Rate Control Adapter to Valve Port on Formulation Tank.
- (4) Body and Formulation Tank union.
- (5) “Dry Air” Hose Assembly with Built-In Clean Air Filter insert with washable filter,
- (6) Securing Filler Cap to Formulation Tank
- **WORLD HEALTH ORGANIZATION (WHO)**
Formulation Tank Ports ALL compliant with WHO Guidelines – being a minimum of 90mm diameter.
- **The BOSS-1330™ has a:**
 - Needle Valve Flow Rate Control incorporating Fixed Solution Flow Rate (FSFR) Valves.
 - Maximum Flow Rate Capacity: **0-60 litres per hour** with no Regulating valves attached.
 - To regulate flow a BRASS Set of 5A FSFR Valves* is supplied for personal setting requirements.
 - #20 = 5lts/Hr
 - #28 = 10lts/Hr - this Valve is Factory set before shipping
 - #37 = 16lts/Hr
 - #42 = 21lts/Hr
 - #47 = 26lts/Hr
 - Additional Valve Orifice Sizes are optional & are available as a BRASS Set of 5B FSFR Valves*
 - #50 =31lts/Hr, #55 = 37 lts/Hr, #60 = 44lts/Hr, #65=50lts/Hr, #70 = 55lts/Hr
 - * **Stainless Steel FSFR Valves are Optional**
 - Mechanical Tilt Control assembly – **not friction elevation** – therefore no slippage when wet or worn.
 - The Tilt Control is metal – **not plastic** - Elevation is set with a Secure Locator Pin.
 - Sturdy Metal Handle incorporated into Motor/Nozzle Housing Assembly bracket to distribute load.
 - Sturdy Metal Motor/Nozzle Housing Assembly Mounting Bracket – to Formulation Tank – secured to Formulation Tank with Grip Lug Screw-on Cap – interchangeable with Nozzle Cap
 - Formulation Pick-up Tube / Filter Assembly positioned to pick-up all Formulation within the Formulation Tank. Filter Assembly is Push-on with Stainless Steel Mesh secured with VITON filter housing
 - Filler Cap has a “marker pen” screen for Chemical Product and Rate recording – a mini ‘Whiteboard’.
 - 2.6m earthed Power Lead

The BOSS-1330 ‘NOVA-MIST™’ Nozzle features:

- 6 vane Spiral, HDPE Diffuser / Vortical Nozzle Assembly secured with a Grip Lug Screw-on Cap
- A Fully Replaceable Nozzle Face Plate – with built-in Air Bleed release.

The BOSS-1330™ FORMULATION TANK is:

- 6 litre capacity, with a Filler Port and Flow Rate Control Port.
- Interchangeable if required – 4lt, 6lt or 9lt are all interchangeable.
- Fully Compliant to **WHO Guidelines** with 90mm Filler and Valve Port apertures.
- Fitted with a ‘sacrificial’ Rubber Boot for Tank Base and Side protection.

THE BOSS-1330™ has a:

- 24 month Limited Warranty

Key Features: The Axial Fan X-47ATR Assembly

Volt / Frequency:	220 -240 Volt, 50 Hz (also available 120 Volt)
Motor	Sealed Induction with Dual Thermal Protection
Timer, 3 Hour	Variable Speed Switch, Fan Speed Variable:400 – 1600 RPM
Air Flow	4800 m ³ per hour <u>focused</u> Air Flow for 20** metres
Amps	1.0A
Power	¼ HP, 2000W
Weight	10.0 kg
Dimensions (LxWxH)	55.6cm x 24.9cm x 57.2cm
Power Cord	6.1m / 0.75mm
Housing	Injection Moulded ABS
Positions	360° Unattached, 270° Attached to Cowling
Daisy Chain Capability	Included
Safety Certified:	CE, ETL/cETL

****Targeted Air Flow** – actual air flow is dependent on the surrounding environment.
Outdoors: Temperature, ambient wind velocity, physical structures, etc. will influence fan blown air velocity, distance and direction.

Indoors: Greenhouses, Warehouses, other enclosed structures air flow distance will greatly exceed 20 metres and in time, fan blown air will fill almost any void; until at least, the air pressure within the structure equalizes with the air flow being pushed along by the Axial Fan.

NOTE:

The above Specifications are as described at the time of writing. PronixNOVA Limited reserves the right to make Technical changes at any time without any prior notice given.