



# XPOWER F-16B

Discover the power of true ULV fogging in a portable, battery powered package with the XPOWER F-16B. Engineered for professional growers and greenhouse managers, the F-16B brings exceptional coverage, ultra fine droplet control, and cordless convenience - turning routine tasks like foliar feeding, pest control, and humidity management into fast, uniform operations.



## Optimized For Hydroponics Applications

✓ **Ultra fine mist for nutrient delivery:** With an average droplet size under 50 microns and a precise flow rate of 200 ml/min, the F-16B generates a consistent, atomized mist that adheres evenly to all exposed plant surfaces, including undersides, maximizing nutrient uptake without over saturation.

✓ Evenly coats surfaces and equipment for fungicide misting and sterilization between grows.

✓ **Adjustable nozzle & powerful reach:** Achieve up to 25 ft of spray distance to cover multiple channels or NFT lines in a single pass, reducing labor and downtime compared to manual sprayers.

✓ **Battery powered portability:** Delivers over 30 minutes of continuous fogging - ideal for moving between benches or modular systems without the hassle of cords or compressors.



Average  
Droplet Size  
**< 50 Micron**



**Battery Powered  
Portability**



Compact Yet  
Capacious  
**1.2L**



**Lightweight  
Easy To Use**



Spray Distance  
**25 Ft.**



Flow Rate  
**200 mL/min**

## Perfect For Greenhouse Culture



# Why The F-16B Wins for Professional Growers



✓ **Versatile crop protection:** Effortlessly apply insecticides, fungicides, biocides, and even beneficial microbes across delicate seedlings or mature plants - ensuring thorough coverage on both upper and lower leaf surfaces where pests and pathogens hide.



✓ **Precision & Efficiency:** The combination of a 320 W motor, variable nozzle, and true ULV droplet spectrum means less solution wasted and more uniform applications - critical in high value greenhouse operations where consistency equals yield.



✓ **Industry leading support:** Backed by XPOWER's USA local service network and professional warranties, the F-16B ensures your investment keeps running season after season.

Equip your facility with the XPOWER F-16B ULV Cold Fogger and experience professional grade fogging that's tailor made for hydroponics and greenhouse culture. With its unmatched balance of performance, portability, and precision, the F-16B is the smart choice for growers who demand the very best.

## ! CRITICAL USAGE PROTOCOLS

### 1. Chemical Handling & Dilution

**Never add concentrates directly to the reservoir.**

Dilution Workflow: Premix chemicals externally per manufacturer instructions. Undiluted agents corrode seals and clog nozzles.

### 2. Nozzle Cleaning & Clogging

**IF SPRAY PATTERN BECOMES IRREGULAR OR FLOW CEASES, THE NOZZLE MAY BE BLOCKED BY DRIED RESIDUE.**

Clearing Workflow: Remove nozzle tip and gently insert a clean push pin or fine needle to dislodge any sediment or dried chemical. After clearing, run a short burst of clean water through the fogger to confirm full flow before resuming use.

### 3. Post-Application Maintenance

Immediate Rinsing: Flush reservoir/tubing with 1L of clean water after each use, especially after chloride/peroxide-based sanitizers.



# SPECIFICATIONS



MODEL NO.	F-8	F-8B	F-16	F-16B	F-18B	F-35B
VOLTS/HERTZ	115V/60Hz	120V/60Hz	115V/60Hz	120V/60Hz	115V/60Hz	115V/60Hz
MOTOR	350W	280W	500W	320W	320W	320W
POWER	3 Amps	~	4 Amps	~	~	~
CHARGE TIME / RUN TIME	~	3 hrs / 16 mins	~	3 hrs / 32 mins	1+ hrs / 2+ hrs	2+ hrs / 3+ hrs
SPEEDS	1 Speed	1 Speed	2 Speed	1 Speed	2 Speed	1 Speed
CORD LENGTH	20 ft.	6 ft.	25 ft.	10 ft.	10 ft.	10 ft.
FLOW RATE	200mL/min	75 / 150 mL/min	250mL/min	200 mL/min	200mL/min	200 / 250mL/min
SPRAYING DISTANCE	33+ ft.	25+ ft.	38+ ft.	30+ ft.	39+ ft.	39+ ft.
AVERAGE DROPLET SIZE	< 50 Micron	< 50 Micron	< 50 Micron	< 50 Micron	< 50 Micron	< 50 Micron
TANK CAPACITY	800mL (27 fl oz.)	600mL (20.2 fl oz.)	1600mL (54 fl oz.)	1200mL (40.4 fl. oz.)	1200mL (40.4 fl. oz.)	2500mL (84.5 fl. oz.)
BATTERY OPERATED	No	Yes	No	Yes	Yes	Yes
UNIT WEIGHT	4.85 Lbs.	4.4 Lbs.	6.02 Lbs.	5.73 Lbs.	6 Lbs.	7.43 Lbs.
UNIT DIMENSIONS (LXWXH)	12.1 x 6.4 x 7.8 in.	12.1 x 6.4 x 7.8 in.	14.6 x 6.8 x 8.3	14.6 x 6.8 x 8.3	14.6 x 6.8 x 8.3	19.1 x 7 x 8.5
HOUSING	PP	PP	PP	PP	PP	PP
THERMAL PROTECTION	Yes	Yes	Yes	Yes	Yes	Yes

