

# SPECIFICATIONS: CAP100-UV & CAP100-UVP



Cabinet: White powder coated steel (20 gauge).

Cabinet door (not pictured): White aluminum with silk screen logo, gasketing, and swell latch.

Filter frame cutouts for easy filter removal and replacement.

UV sight glass for checking lamp status.

First stage prefilter (P/N H101) 20" x 25" x 1", extends the life of the 5" final filter.

Safety interlock switch (not pictured) turns power to unit off when access door is removed.

Illuminated on/off switch

Fuse: 3 amp fuse

Power Cord: 7' length, 18/3 AWG, 3-wire power cord with ground pin.

## High-Output UVGI only or UV Plus (UVGI/photolysis oxidation) Lamp

- CAP100-UV model uses part # UV125 lamp (254 nm UVGI only)
- CAP100-UVP model uses part # UVP125 lamp (UVGI + photolysis for enhanced odor control)
- Both lamp models are rated for 9,000 hours continuous operation (1 year)
- UV125 lamp is ozone-free
- UVP125 lamp ozone output meets UL867 standard

## 5" Pleated Particulate Filter

- Gasketed for a snug fit - a new gasket every time the filter is changed
- 30 sq. ft filter media
- UL 900 Class 2
- MERV 11 ASHRAE efficiency rating

Resistance Chart	
Airflow	Pressure Drop
400 cfm (1 ton)	0.05"
800 cfm (2 tons)	0.12"
1200 cfm (3 tons)	0.25"
1600 cfm (4 tons)	0.40"

Specifications	CAP100-UV	CAP100-UVP
Dimensions:	25" x 20 1/4" x 9 1/4"	Same
Weight With Filters:	23 Lbs.	23 Lbs.
Lamp Type:	UVGI Only (Ozone Free)	UVGI + Photolysis Oxidation
UV Lamp Output:	65 $\mu\text{w}/\text{cm}^2$ @ 1 meter	65 $\mu\text{w}/\text{cm}^2$ @ 1 meter
Rated Lamp Service Life:	9,000+ Hrs. 24/7 Continuous	9,000+ Hours 24/7 Continuous
254 Nanometer Germicidal UVGI Output:	Yes	Yes
180-200 Nanometer Photolysis Oxidation (Enhanced Odor Control):	No	Yes
Two-Stage Particulate Filtration:	Yes (H101 & H105UVR)	Yes (H101 & H105UVR)
UV-Resistant Final Filter:	Yes	Yes
ASHRAE MERV Efficiency Rating:	MERV 11 Final Filter	MERV 11 Final Filter
Total Dirt Holding Capacity:	250+ Grams	250+ Grams
Peak Airflow Capacity:	1,600cfm Nominal (4 Tons)	1,600cfm Nominal (4 Tons)
Amperage Draw:	< 1 Amp @ 115 Volts	< 1 Amp @ 115 Volts
ETL Certified To UL1570 (Electrical):	Yes	Yes
ETL Certified To UL867 (1995) (Allowable Ozone Output):	Yes, Ozone Free Lamp	Yes, Meets UL Standard
Class II Medical Device:	Yes	Yes
Filter Door With Electrical Safety Interlock:	Yes	Yes
Cabinet Warranty:	Five Year	Five Year
Electrical Components Warranty:	One Year (See Manual)	Same

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