

# Whole House HEPA Comparison

PREMIERONE™

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No.	Features	Fantech CM 3000	PremierOne HP500
1	Filter	3 stage	3 stage
		1st - Pre-filter 1". Replace every 4 months	1st - High capacity Pre-filter 2" with carbon. Replace every 6 months
		2nd - Activated carbon. Six month replacement	2nd - Activated carbon integrated into the pre-filter. Six month replacement
		3rd - HEPA pleat 2". Two year replacement	3rd - HEPA pleat 2.5". Two year replacement
2	Noise	Very loud. Fan tip exposed to duct	Quiet. Fan motor sandwiched between the H.E.P.A. filter and pre-filter
3	Filter door	Riveted. Cannot remove	Hinged. Easily removed for cleaning and installation
4	Filter Rack	Metal rack. No gasketing. Lots of blow by	Fin-sealed filter track. Tight seal-no blow by
5	Size	20" x 16" x 10"	17" x 22" x 13"
6	Power Cord	Fixed	Removable
7	Filter Access	Small door, hard to install filters	Large front door. Easy to install filters and clean.
8	Carbon Filter	Separate Filter- Replacement time frame differs from pre-filter	Integrated into the pre-filter for simple maintenance scheduling
9	Direct Ducting	Requires a different back plate for mounting	Easily mounts directly to duct without any additional parts
10	Remote Mounting	Hanging chains- not installer friendly	Simple wall mount option - adaptor kit includes bracket and 8" duct collars

11	<b>Duct Adapters</b>	Replace full back plate	8" plastic mount with adaptor kit
12	<b>Power Consumption</b>	120 Watts	112 / 140 Watts
13	<b>Esthetic</b>	Square, bulky looking	Very clean looking installation with angled cabinet
14	<b>Filter Replacement</b>	Pre-filter -4 months, Carbon- 6 months, H.E.P.A.-Two years	Integrated pre-filter / Carbon- 6 months, H.E.P.A.- Two years.
15	<b>Warranty</b>	7 years	7 years
16	<b>Insulation</b>	None / Jacket available	Vapor barrier lined insulation
17	<b>Airflow</b>	240 CFM	200 low speed / 300 high speed CFM
18	<b>Speeds</b>	One speed motor	Two speed motor
19	<b>Safety interlock</b>	None	High voltage interlock safety
20	<b>Distribution</b>	No Limits- Available via Internet	HVAC Wholesalers only
21	<b>Maintenance (Service)</b>	Motor and control built into the unit	Motor module pulls out with all electrical components attached
22	<b>Maintenance (Cleaning)</b>	Hard to reach areas	Vapor barrier-lined insulation and easy access to all internal cavities



**Fantech CM 300**

**Premier One HEPA 500**

