

# 1001 Fan Filter

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## MODEL 1001 IN-DUCT HEPA FAN-FILTER\* Ultra Energy Efficient Series

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- Ultra Low Pressure Drop HEPA filter – 0.5” WC @ 2000 scfm.
- Built in ASHRAE 30% Filter unit.
- High External Static Pressure capability.
- Available with or without built in fan.
- The most energy efficient air driver in the industry
- Ultra Quiet Operation
- For ISO Class 1 – 5, 4 to 6 terminal ceiling HEPA filters per Model 1001 are recommended – resulting in system **filtration efficiency of at least 99.999999% @0.1 –0.3 Um.**
- For Class 6 and above - no terminal HEPAs are necessary –8 2x2 diffusers per Model 1001 ceiling diffusers are recommended

## FEATURES/ BENEFITS

- **Inhibits Bacterial\*\* Growth** - Lower BIOBURDEN
- **Small size/lower weight** - easily installs in ceiling space- Lower installation cost.
- **Independent flow velocity/distribution control** - supply where needed - higher effectiveness
- **Quick filter changes done outside room** - No contamination during filter changes
- **Connects to conventional A/C units** - low weight- Lower initial cost - roof reinforcements may not be required
- **No plenum required** - leaks eliminate
- **Remote ON-OFF, control/ indicators** - Ease of control and monitoring
- **Easily ducted for negative pressure** - Ideal for hospital and other isolators

## SPECIFICATIONS

**Height** 26” – 66 cm  
**Width** 26” – 66 cm  
**Length** 30” –76.2 cm

AVAILABLE WITH STANDARD REMOTE CONTROLLER  
 ALL UNITS CAN OPERATE AT 230/380/400/440/460 VAC – 50 OR 60 Hz

1001 MODELS		FLA		CBA	HP		FLOW (scfm)	
Model#	Power	60Hz	50 Hz		60 Hz	50 Hz	60 Hz	50 Hz
1001-A-1	120VAC, 1-PHASE, 50/60 Hz	0.18	0.2	2	N/A	N/A	3000 (4)	3000 <sup>(3)</sup>
1001-A-2	230VAC, 1-PHASE, 50/60 Hz	0.35	0.4	2	N/A	N/A	3000 (4)	3000 <sup>(3)</sup>
1001-B-1	208-230VAC, 3-PHASE, 50/60 Hz	2.6	2.1	5	1.07	0.78	2500	2100

1001-B-2	440-460VAC, 3-PHASE, 50/60 Hz	1.5	1.45	5	1.07	0.78	2500	2100
1001-B-3	380-400VAC, 3-PHASE, 50 Hz	N/A	1.4	5	N/A	0.69	2100	1775
1001-B-4	230VAC, 1-PHASE, 50/60 Hz	3.5	2.75	10	1.07	0.78	2500	2100
1001-B-5	120VAC, 1-PHASE, 50/60 Hz	7	5.5	10	1.07	0.78	2500	2100
1001-C-1	208-230VAC, 3-PHASE, 50/60 Hz	4.5	3.5	10	2.28	1.61	3275	2820
1001-C-2	440-460VAC, 3-PHASE, 50/60 Hz	2.8	2.4	5	2.28	1.61	3275	2820
1001-C-3	380-400VAC, 3-PHASE, 50 Hz	N/A	2.3	5	N/A	1.4	2740	2300
1001-C-4	230VAC, 1-PHASE, 50/60 Hz	7.6	5.4	10	2.28	1.61	3275	2820
1001-C-5	120VAC, 1-PHASE, 50/60 Hz	15.2	10.8	20	2.28	1.61	3275	2820
1001-D-1	120VAC, 1-PHASE, 50/60 Hz	2.5	1.85	5	0.36	0.3	1500	1250
1001-D-2	230VAC, 1-PHASE, 50/60 Hz	1.2	1	2-5	0.36	0.3	1500	1250
3) Nominal Max. Initial Flow - No External Static Pressure, 30% ASHRAE Prefilter.								
(Ask For Additional Engineering External Static Pressure vs. Flow Data)								
4) Maximum Recommended Flow								
5) No Fan - w/Flow Switch								

## WEIGHTS

<b>Model</b>	<b>Weight # (kg)</b>	<b>Ship Wt # (kg)</b>
<b>1001-A</b>	<b>115 (52)</b>	<b>140 (64)</b>
<b>1001-B</b>	<b>139 (63)</b>	<b>164 (75)</b>
<b>1001-C</b>	<b>152 (69)</b>	<b>177 (81)</b>
<b>1001-D</b>	<b>125 (57)</b>	<b>150 (68)</b>

\*Patent Pending

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