

## PERFORMANCE DATA:

### Model 6200F with HEPA Filter

#### 24 x 24 (610 x 610) • 10" (254) dia. Inlet • 4-way Pattern

<b>Airflow, CFM</b>	<b>100</b>	<b>125</b>	<b>150</b>	<b>175</b>	<b>200</b>	<b>225</b>	<b>250</b>	<b>275</b>	<b>300</b>
<b>Total Pressure</b>	0.19	0.24	0.29	0.35	0.41	0.46	0.52	0.57	0.64
<b>Static Pressure</b>	0.19	0.24	0.29	0.34	0.40	0.45	0.51	0.55	0.62
<b>Noise Criteria</b>	—	—	—	—	15	18	20	21	22
<b>Throw</b>	3-4-8	3-4-9	3-5-10	4-5-11	4-6-11	4-6-12	4-7-13	4-8-13	4-8-14

#### 48 x 24 (1219 x 610) • 12" (305) dia. Inlet • 4-way Pattern

<b>Airflow, CFM</b>	<b>300</b>	<b>350</b>	<b>400</b>	<b>450</b>	<b>500</b>	<b>550</b>	<b>600</b>	<b>650</b>	<b>700</b>
<b>Total Pressure</b>	0.28	0.33	0.40	0.45	0.52	0.58	0.65	0.71	0.82
<b>Static Pressure</b>	0.27	0.32	0.38	0.43	0.49	0.55	0.61	0.67	0.87
<b>Noise Criteria</b>	—	—	—	—	15	18	21	24	28
<b>Throw (long side)</b>	1-3-10	2-3-12	2-4-14	3-6-14	3-7-15	4-8-16	4-10-17	5-11-17	6-12-18
<b>Throw (short side)</b>	1-3-5	2-3-5	2-4-5	3-4-6	3-4-6	4-4-6	4-5-6	4-5-7	4-6-8

#### Performance Notes:

1. Throws are given at 150, 100 and 50 fpm terminal velocities under isothermal conditions.
2. If the diffuser is mounted on an exposed duct, multiply throw values by x 0.70.
3. All pressures are in inches w.g.. Fully open damper position. Values include initial resistance of a clean HEPA filter with 2" (51) thick media.
4. Noise Criteria (NC) values are based upon 10dB room absorption, re 10<sup>-12</sup> watts. Dash (–) in space indicates an Noise Criteria of less than 15.
5. Data derived from tests conducted in accordance with ANSI/ASHRAE Standard 70 – 2006.