



# PERFORMANCE DATA

MODEL: APDBF  
 PERFORATED FIBERGLASS DUCTBOARD FILTER RETURN  
 T-BAR, ROUND NECK (FIELD CUT)

SIZE EFF. AREA	NECK VELOCITY, FPM PS	300 .018	400 .032	500 .048	600 .070	700 .092	800 .120	900 .140	1000 .160
<b>FG-F</b> 2" X 2" 2.12	<b>CFM</b> NC	640 <20	850 <20	1050 <20	1275 <20	1500 <20	1725 20-25	1925 25	2150 25-30
<b>FG-D</b> 2" X 2" 2.20	<b>CFM</b> NC	645 <20	875 <20	1075 <20	1285 <20	1510 <20	1750 20-25	1940 25	2175 25-30
<b>FG-MA</b> 2" X 2" 2.20	<b>CFM</b> NC	645 <20	875 <20	1075 <20	1285 <20	1510 <20	1750 20-25	1940 25	2175 25-30
2" X 2" 2.25	<b>CFM</b> NC	800 <20	1025 <20	1250 <20	1450 <20	1660 <20	1900 20-25	2120 25	2300 25-30
2" X 4" 4.50	<b>CFM</b> NC	1600 <20	2050 <20	2400 <20	2900 <20	3250 <20	3800 20-25	4240 30	4600 25-30

FORMERLY MODEL FG-FGD

**Footnote B:**

**Size:** Nominal size or the duct opening.  
**Effective Area:** The space between the vanes actually utilized by the air.  
**Velocity:** the actual velocity of the air through the vanes measured with a velometer or similar device.  
**Duct Ps:** The static pressure in the duct behind the grille. The static load on the fan chargeable against that grille. Velometer readings are taken between grille vanes giving actual velocity.

**Footnote C:**

**Noise Criteria:** NC "A" scale. (1) Below NC25 extremely quiet. (2) Below NC30 Quiet Office. (3) Below NC35 Conference Rooms; normal voice 10-30 fr. (4) Below NC40 Conference rooms; 6-12 ft. normal voice. (5) NC45 Conference Rooms; 3-6 ft. normal voice.