

TECHNICAL DATA

For No. 326 Filter Grille

*VELOCITY (FPM)			300	400	500	600	700
SIZES	Ak						
12x12	0.92	CFM Pt	275 0.016	370 0.029	460 0.046	550 0.066	645 0.088
14x14 & 18x12	1.20	CFM Pt	360 0.014	480 0.025	600 0.038	720 0.055	840 0.076
20x12	1.30	CFM Pt	390 0.014	520 0.024	650 0.037	780 0.054	910 0.075
16x16	1.37	CFM Pt	410 0.013	550 0.023	685 0.036	820 0.053	960 0.072
20x14	1.48	CFM Pt	445 0.013	590 0.023	740 0.036	890 0.052	1035 0.071
24x12	1.55	CFM Pt	465 0.013	620 0.023	775 0.036	930 0.052	1085 0.070
30x10	1.60	CFM Pt	480 0.014	640 0.023	800 0.036	960 0.052	1120 0.070
18x18	1.80	CFM Pt	540 0.013	720 0.023	900 0.035	1080 0.051	1260 0.070
24x14	1.85	CFM Pt	555 0.012	740 0.022	925 0.034	1110 0.049	1295 0.063
30x12	1.97	CFM Pt	590 0.012	790 0.021	985 0.033	1180 0.048	1380 0.062
20x20	2.20	CFM Pt	660 0.011	880 0.019	1100 0.031	1320 0.045	1540 0.060
30x14	2.38	CFM Pt	715 0.011	950 0.019	1190 0.031	1430 0.044	1665 0.059
24x24	3.59	CFM Pt	1075 1140	1435 0.016	1795 0.025	2155 0.037	2515 0.050
30x20	3.80	CFM Pt	1140 0.009	1520 .016+	1900 0.025	2280 0.036	2660 0.050
30x24	4.75	CFM Pt	1425 0.008	1900 0.025	2375 0.023	2850 0.032	3325 0.044

* Tested without filters. Typical disposable 1" filter capacity is 2 CFM per square inch of gross filter area. Recommended velocity is 300-400 FPM. Velocities higher than 500 FPM will decrease filter performance, increase flow resistance, and possibly blow off clusters of collected dirt. Velocity measured 1" from face.

For No. 326 T-Bar Filter Grille

VELOCITY (FPM)			300	400	500	600	700	800
Part #	Ak							
326PTW20X20	2.74	CFM Ps	820 0.03	1095 0.05	1370 0.08	1645 0.11	1920 0.15	2190 0.20
326TW20X20	2.44	CFM Ps	730 0.02	975 0.03	1220 0.05	1465 0.07	1710 0.09	1950 0.12

Note: Filter grille performance limited by filter capacity rating. 2 CFM per square inch of gross filter area is typical.

Abbreviations:

Ak: Effective area of diffuser face (Ft²)

Ps: Static Pressure (inches of H₂O)

Pt: Total Pressure, Sum of Ps and Pv

An: Neck/Inlet Area (Ft²)

Pv: Velocity Pressure (inches of H₂O)

NC: Noise Criteria