

HOW TO USE THIS CHART:

- Select the number of slots (diffuser height).
- Choose the design static pressure tier (Low / Standard / High).
- **Blue values** = CFM per Linear Foot (CFM/LF).
- Supply Air Only: Gray values beneath indicate Typical Horizontal (H) & Vertical (V) throw (ft).
- Multiply CFM/LF x diffuser length (ft) to estimate total airflow.
- Example: **40 CFM/LF x 4'ft diffuser length = 160 CFM** total airflow.
- Use as preliminary guidance only; verify with engineered selection for critical applications.

# OF SLOTS	LOW STATIC +SP (in. w.g.) 0.03–0.05	STANDARD STATIC +SP (in. w.g.) 0.06–0.10	HIGH STATIC +SP (in. w.g.) 0.12–0.20
1	15–25 CFM/LF H:5–8 V:2–3	25–40 CFM/LF H:7–12 V:3–5	40–55 CFM/LF H:10–17 V:4–8
2	30–50 CFM/LF H:5–9 V:2–3	50–80 CFM/LF H:7–12 V:3–5	80–110 CFM/LF H:10–17 V:4–9
3	45–75 CFM/LF H:5–9 V:2–4	75–120 CFM/LF H:7–13 V:3–5	120–165 CFM/LF H:11–18 V:5–9
4	60–100 CFM/LF H:6–9 V:2–4	100–160 CFM/LF H:7–13 V:3–6	160–220 CFM/LF H:11–19 V:5–9
5	75–125 CFM/LF H:6–10 V:2–4	125–200 CFM/LF H:8–13 V:3–6	200–275 CFM/LF H:11–19 V:5–10
6	90–150 CFM/LF H:6–10 V:2–4	150–240 CFM/LF H:8–14 V:3–6	240–330 CFM/LF H:12–20 V:5–10
7	105–175 CFM/LF H:6–10 V:2–4	175–280 CFM/LF H:8–14 V:3–6	280–385 CFM/LF H:12–20 V:5–10
8	120–200 CFM/LF H:6–10 V:2–4	200–320 CFM/LF H:8–15 V:3–6	320–440 CFM/LF H:12–21 V:5–10
9	135–225 CFM/LF H:6–11 V:2–4	225–360 CFM/LF H:9–15 V:3–6	360–495 CFM/LF H:13–21 V:5–11
10	150–250 CFM/LF H:7–11 V:2–4	250–400 CFM/LF H:9–15 V:3–7	400–550 CFM/LF H:13–22 V:5–11
11	165–275 CFM/LF H:7–11 V:2–4	275–440 CFM/LF H:9–16 V:3–7	440–605 CFM/LF H:13–22 V:6–11
12	180–300 CFM/LF H:7–11 V:2–5	300–480 CFM/LF H:9–16 V:3–7	480–660 CFM/LF H:14–23 V:6–11

DESIGN NOTES

- Throw values are approximate architectural estimates and can vary with ceiling height, ΔT , and pattern controllers.
- Static pressure tiers represent typical operating ranges (*not certified laboratory conditions*).
- For return air, actual capture may depend on grille placement and room air mixing.

**Performance data shown are generalized engineering estimates for preliminary sizing only. Actual airflow and throw vary based on duct design, system static pressure, diffuser length, ceiling height, ΔT , plenum configuration, and installation conditions. Values are not AMCA-certified and are not guaranteed ratings. Specifications and performance data are subject to change without notice.



LINEAR SLOT GRILLE | RETURN AIR PERFORMANCE GUIDE (1" SLOTS)

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1	25–40 CFM/LF	40–70 CFM/LF	70–85 CFM/LF
2	50–80 CFM/LF	80–140 CFM/LF	140–170 CFM/LF
3	75–120 CFM/LF	120–210 CFM/LF	210–255 CFM/LF
4	100–160 CFM/LF	160–280 CFM/LF	280–340 CFM/LF
5	125–200 CFM/LF	200–350 CFM/LF	350–425 CFM/LF
6	150–240 CFM/LF	240–420 CFM/LF	420–510 CFM/LF
7	175–280 CFM/LF	280–490 CFM/LF	490–595 CFM/LF
8	200–320 CFM/LF	320–560 CFM/LF	560–680 CFM/LF
9	225–360 CFM/LF	360–630 CFM/LF	630–765 CFM/LF
10	250–400 CFM/LF	400–700 CFM/LF	700–850 CFM/LF
11	275–440 CFM/LF	440–770 CFM/LF	770–935 CFM/LF
12	300–480 CFM/LF	480–840 CFM/LF	840–1020 CFM/LF

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