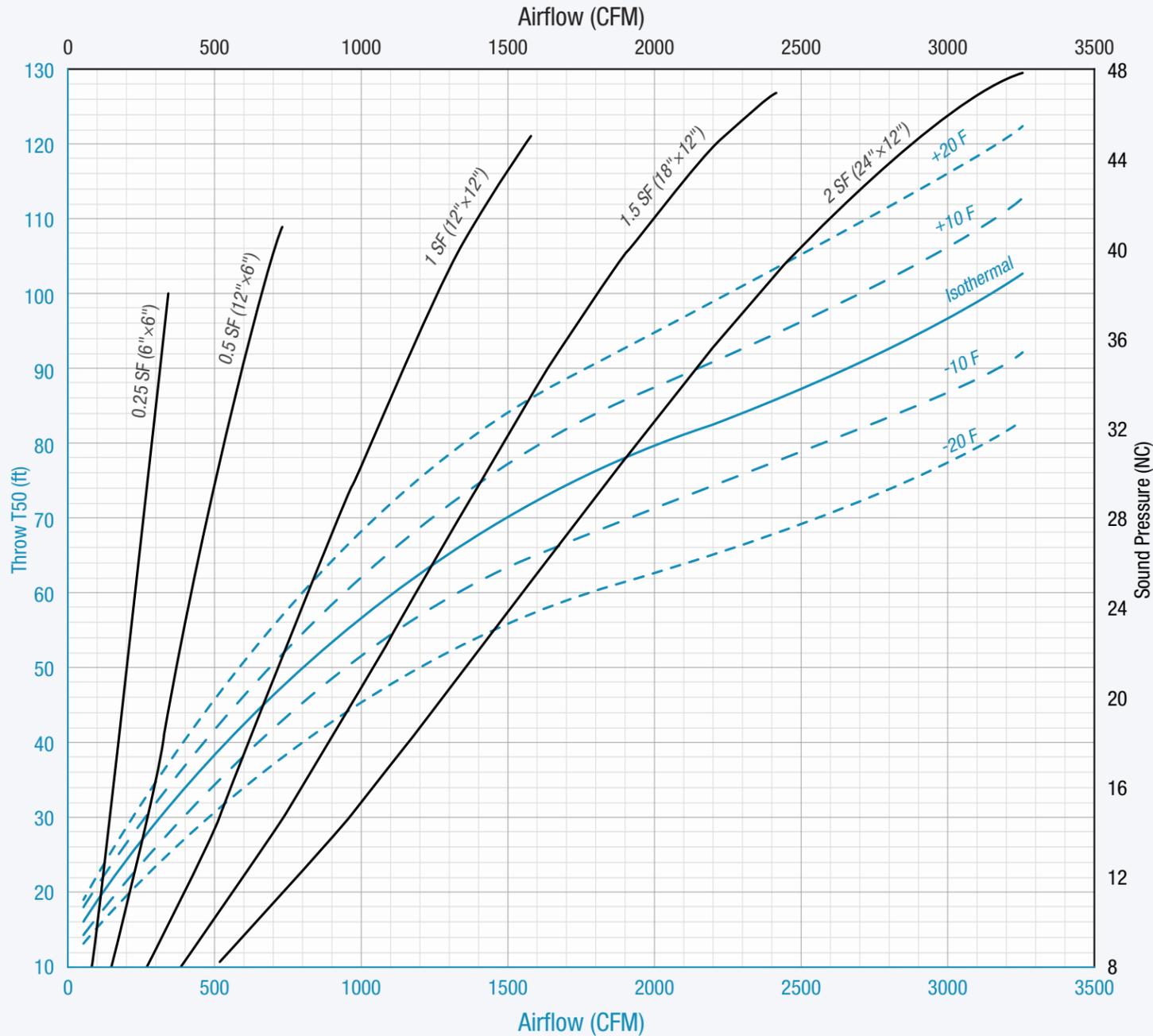
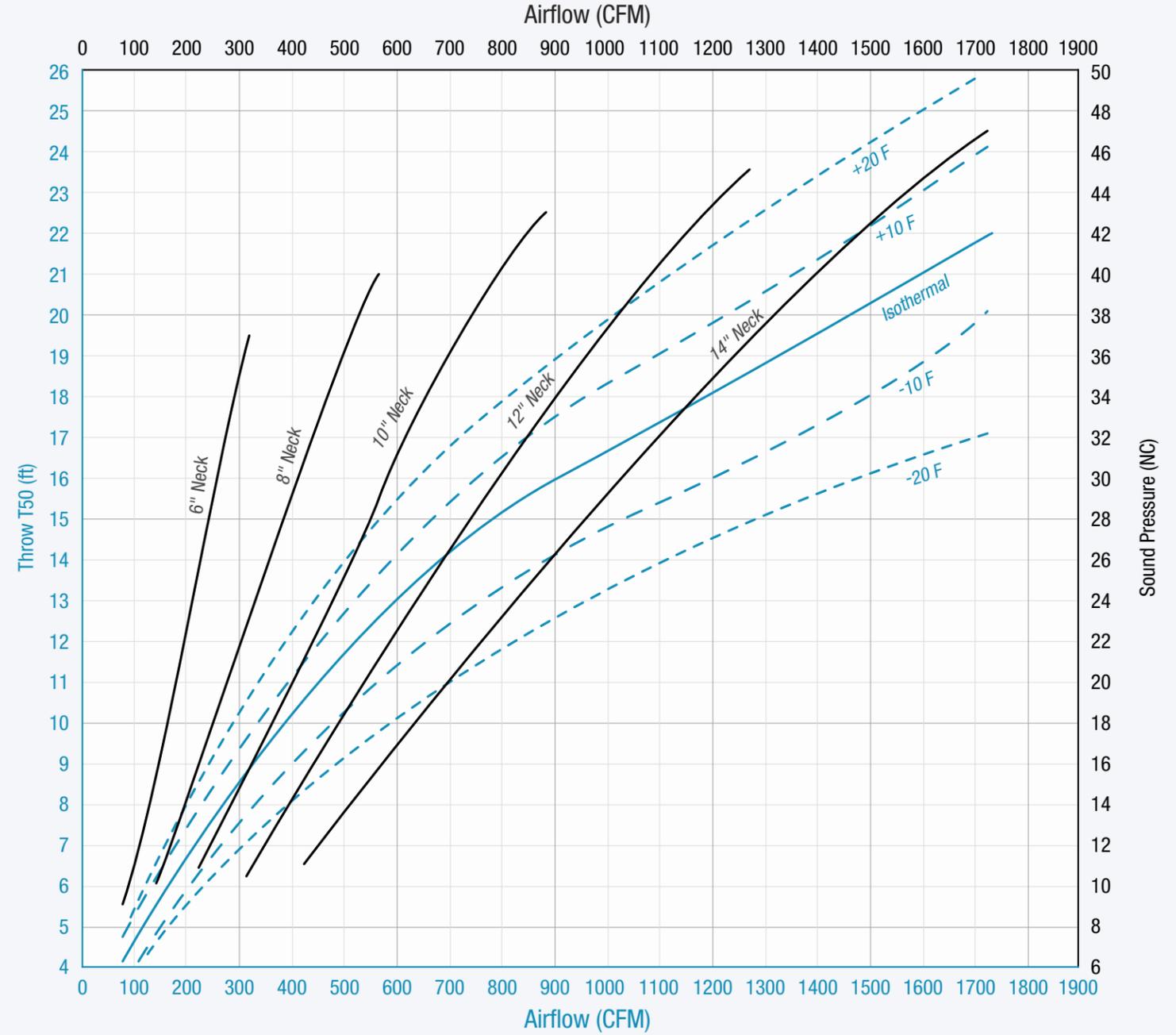


Price Double Deflection Louvered Supply Grille (520, 620) - Horizontal Pattern



Price Square Plaque Diffuser (SPD), Square Cone Diffuser (SCD) - 24" x 24" - Horizontal Pattern



NOTES:

- Testing in accordance with ASHRAE Standard 70-2023.
- Throw data is measured in feet for terminal velocities of 50 fpm.
- If the diffuser is mounted on an exposed duct, reduce throw by 30%.
- NC Values are based on a room absorption of 10 dB re 10-12 Watts @ 0° deflection and 1 Diffuser. For multiple grilles refer to Table B.
- For 20° upward deflection, throw will remain the same.

Table A

Deflection	T50	NC
0°	--	--
22.5°	-20%	+2
45°	-50%	+6

- For impact to T50 and NC from change in deflection, refer to Table A. When NC is <15, assume they are unchanged.



520 Product Page



620 Product Page

NOTES:

- Testing in accordance with ASHRAE Standard 70-2023.
- Throw data is measured in feet for terminal velocities of 50 fpm (maximum).
- If the diffuser is mounted on an exposed duct, reduce throw by 30%.
- NC Values are based on a room absorption of 10 dB re 10-12 Watts and 1 Diffuser. For multiple diffusers refer to Table B.

Table B

# of Outlets	1	2	3	4	8
+NC	--	3	5	6	9

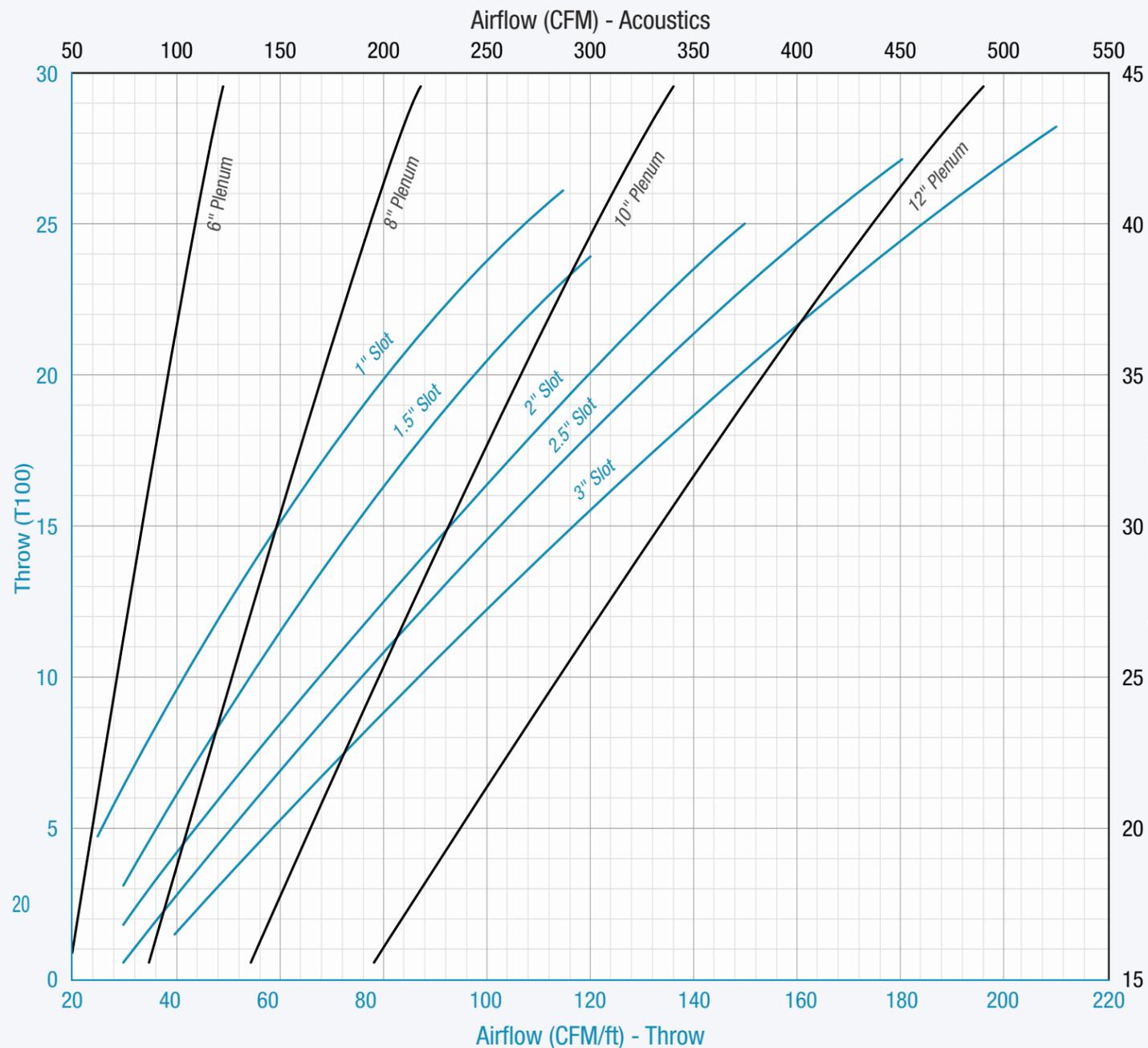


SPD Product Page



SCD Product Page

Price Custom Flow (CF) 48" Slot Diffuser - Vertical Pattern (JS)



NOTES:

- Testing in accordance with ASHRAE Standard 70-2023.
- Throw data is based on pressurized ceiling plenum applications with no plenum effect.
- Throw data is based on active sections 4ft long. For other lengths refer to Table C.
- Throw data is based on supply air at isothermal conditions. For other supply air temperatures refer to Table D.
- NC Values are based on ASHRAE Handbook – HVAC Applications Chapter 49 Table 9, and assume sound is

Table C

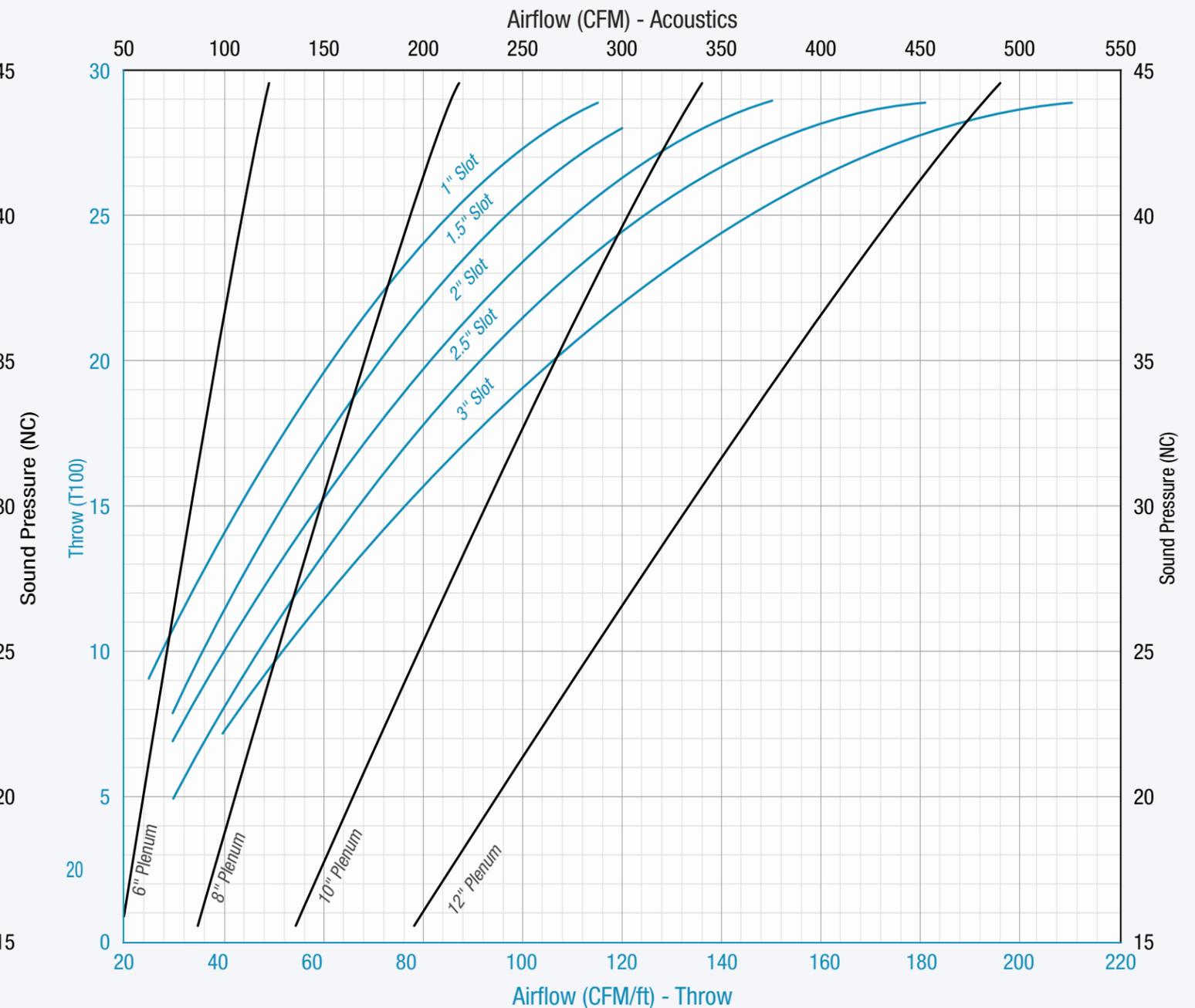
Length	2ft	4ft	6ft	8ft
T100	-20%	--	+20%	+65%

driven from the plenum neck connection. These values are better suited for real world applications. Linear diffusers tend to be below room NC requirements when utilized at typical velocities and pressure drops. Refer to the Price Catalog for more detail.



CF Product Page

Price Custom Flow (CF) 48" Slot Diffuser - Horizontal Pattern (AS)



NOTES:

- Testing in accordance with ASHRAE Standard 70-2023.
- Throw data is based on pressurized ceiling plenum applications with no plenum effect.
- Throw data is based on active sections 4ft long. For other lengths refer to Table C.
- Throw data is based on supply air at isothermal conditions. For other supply air temperatures refer to Table D.
- NC Values are based on ASHRAE Handbook – HVAC Applications Chapter 49 Table 9, and assume sound is

Table D

Supply Air ΔT	1	2	3
T100	+1%	--	-1.4%

driven from the plenum neck connection. These values are better suited for real world applications. Linear diffusers tend to be below room NC requirements when utilized at typical velocities and pressure drops. Refer to the Price Catalog for more detail.



CF Product Page