

24" SUPPLY

1 WAY	1 SLOT 6" Inlet	CFM	40	50	60	70	80	100	110	120	130	140
		Ps	0.02	0.04	0.05	0.07	0.10	0.15	0.18	0.22	0.25	0.29
		NC	<20	<20	<20	<20	22	28	30	33	35	37
		Throw	2 3 7	2 4 8	3 5 9	4 6 10	4 7 11	6 8 12	6 9 13	7 9 13	7 10 14	8 10 14
	2 SLOT 7" Inlet	CFM	80	100	120	150	170	190	210	240	260	280
		Ps	0.01	0.02	0.03	0.05	0.07	0.08	0.10	0.13	0.16	0.18
		NC	<20	<20	<20	24	28	30	33	37	39	41
		Throw	2 5 9	3 6 12	5 7 13	6 9 15	7 10 16	7 11 17	8 12 17	9 13 19	10 14 19	11 14 20
	3 SLOT 8" Inlet	CFM	120	150	190	220	250	290	320	350	390	420
		Ps	0.03	0.05	0.08	0.10	0.13	0.18	0.22	0.26	0.32	0.37
		NC	<20	<20	20	24	27	31	33	36	39	41
		Throw	3 6 11	4 7 14	6 9 17	7 11 18	8 12 19	9 14 20	10 15 22	11 16 22	12 17 24	13 17 25
4 SLOT 10" Inlet	CFM	160	200	250	290	340	380	430	470	520	560	
	Ps	0.04	0.06	0.09	0.12	0.17	0.21	0.27	0.32	0.40	0.46	
	NC	<20	<20	22	25	30	32	36	38	41	43	
	Throw	3 7 13	5 8 17	7 10 19	8 12 20	9 14 22	10 16 23	12 18 25	13 18 26	14 19 27	15 20 28	

2 WAY	2 SLOT (1 & 1) 7" Inlet	CFM	80	100	120	150	170	190	210	240	260	280
		Ps	0.02	0.04	0.05	0.08	0.10	0.13	0.15	0.20	0.24	0.27
		NC	<20	<20	<20	20	24	26	29	33	35	37
		Throw	2 3 7	2 4 8	3 5 9	4 6 10	5 7 11	5 8 12	6 9 12	7 9 13	7 10 14	8 10 14
	3 SLOT (1 & 2) 8" Inlet	CFM	120	150	190	220	250	290	320	350	390	420
		Ps	0.02	0.04	0.06	0.08	0.10	0.14	0.17	0.20	0.25	0.29
		NC	<20	<20	20	24	27	31	33	36	39	41
		Throw - 1 Slot	2 3 7	2 4 8	3 5 10	4 6 10	5 7 11	5 8 12	6 9 12	6 9 13	7 10 14	8 10 14
	4 SLOT (2 & 2) 10" Inlet	CFM	160	200	250	290	340	380	430	470	520	560
		Ps	0.02	0.04	0.06	0.08	0.11	0.14	0.17	0.21	0.25	0.29
		NC	<20	<20	23	27	31	34	37	39	42	44
		Throw	2 5 9	3 6 12	5 7 13	6 8 14	7 10 16	7 11 17	8 12 18	9 13 18	10 14 19	11 14 20
	4 SLOT (1 & 3) 10" Inlet	CFM	160	200	250	290	340	380	430	470	520	560
		Ps	0.03	0.04	0.07	0.09	0.12	0.15	0.20	0.23	0.29	0.33
		NC	<20	<20	23	27	31	34	37	39	42	44
		Throw - 1 Slot	2 3 7	2 4 8	3 5 10	4 6 10	5 7 11	5 8 12	6 9 12	6 9 13	7 10 14	8 10 14
	Throw - 3 Slot	3 6 11	4 7 14	6 9 16	7 10 18	8 12 19	9 14 20	10 15 22	11 16 23	12 17 24	13 17 25	

Test Standard

- ANSI / ASHRAE standard 70
- Isothermal air used during testing.

Throw

- The numbers shown are throw distances, in feet, measured from the diffuser relating to terminal velocities of 150,100, & 50 fpm, with the jet attached to the ceiling surface.
- Terminal velocity is the air speed, in feet per minute, measured in the supply air stream.

Sound Levels

- NC shown is the noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10dB (ref: 10-12 watts) room attenuation that is subtracted from the power levels in each of the 2nd thru 7th octave bands.
- Inlet diameters with air velocities less than 750 feet per minute will not effect NC or throw distances as shown in performance tables.

Pressure

- PS represents static pressure, inches of water

48" SUPPLY

1 WAY	1 SLOT 6" Inlet	CFM	80	100	120	140	160	180	200	210	230	250
		Ps	0.03	0.05	0.07	0.10	0.13	0.16	0.20	0.22	0.26	0.31
		NC	<20	<20	<20	23	26	29	32	33	35	38
		Throw	2 5 9	3 6 12	5 7 13	5 8 14	6 9 15	7 11 16	8 12 17	8 12 17	9 13 18	10 13 19
	2 SLOT 8" Inlet	CFM	170	210	240	280	320	350	390	430	470	500
		Ps	0.04	0.06	0.08	0.11	0.14	0.17	0.21	0.25	0.30	0.34
		NC	<20	20	23	27	30	33	36	38	40	42
		Throw	3 7 14	5 9 17	7 10 19	8 12 20	9 13 22	10 14 22	11 16 24	12 18 25	13 18 26	14 19 27
	3 SLOT 10" Inlet	CFM	250	310	370	420	480	530	590	640	700	760
		Ps	0.03	0.05	0.07	0.09	0.12	0.15	0.18	0.22	0.26	0.30
		NC	<20	<20	24	27	30	33	36	38	40	42
		Throw	4 8 17	6 10 21	8 13 23	9 14 25	11 16 26	12 18 28	13 20 29	14 22 30	16 22 32	17 23 33
4 SLOT 12" Inlet	CFM	340	410	490	560	640	710	780	860	930	1010	
	Ps	0.04	0.06	0.09	0.11	0.15	0.18	0.22	0.27	0.32	0.37	
	NC	21	26	31	34	37	40	43	45	47	49	
	Throw	5 10 20	7 12 24	10 14 27	11 16 28	12 19 30	14 21 32	15 23 34	17 25 35	18 26 37	20 27 38	

2 WAY	2 SLOT (1 & 1) 8" Inlet	CFM	170	210	240	280	320	350	390	430	470	500
		Ps	0.03	0.04	0.05	0.07	0.10	0.11	0.14	0.17	0.21	0.23
		NC	<20	<20	<20	23	26	28	31	34	36	38
		Throw	2 5 10	4 6 12	5 7 13	5 8 14	6 9 15	7 10 16	8 11 17	8 12 18	9 13 18	10 13 19
	3 SLOT (1 & 2) 10" Inlet	CFM	250	310	370	420	480	530	590	640	700	760
		Ps	0.03	0.04	0.06	0.08	0.10	0.12	0.15	0.18	0.22	0.26
		NC	<20	20	24	28	31	34	36	38	41	43
		Throw - 1 Slot	2 5 10	4 6 12	5 7 13	5 8 14	6 9 15	7 10 16	8 12 17	8 12 18	9 13 18	10 14 19
	Throw - 2 Slot	3 7 14	5 9 17	7 10 19	8 12 20	9 13 22	10 15 23	11 16 24	12 18 25	13 18 26	14 19 27	
	4 SLOT (2 & 2) 12" Inlet	CFM	340	410	490	560	640	710	780	860	930	1010
		Ps	0.03	0.04	0.06	0.08	0.11	0.13	0.16	0.20	0.23	0.27
		NC	<20	23	28	32	35	38	40	43	45	47
		Throw	3 7 14	5 8 17	7 10 19	8 12 20	9 13 22	10 15 23	11 16 24	12 18 25	13 18 26	14 19 27
	4 SLOT (1 & 3) 12" Inlet	CFM	340	410	490	560	640	710	780	860	930	1010
		Ps	0.03	0.05	0.07	0.09	0.12	0.15	0.18	0.22	0.26	0.30
		NC	<20	23	28	32	35	38	40	43	45	47
Throw - 1 Slot		2 5 10	4 6 12	5 7 13	5 8 14	6 9 15	7 10 16	8 11 17	8 12 18	9 13 18	10 14 19	
Throw - 3 Slot	4 9 17	6 10 21	8 12 23	9 14 25	11 16 26	12 18 28	13 20 29	15 22 31	16 22 32	17 23 33		

Test Standard

- ANSI / ASHRAE standard 70
- Isothermal air used during testing.

Throw

- The numbers shown are throw distances, in feet, measured from the diffuser relating to terminal velocities of 150,100, & 50 fpm, with the jet attached to the ceiling surface.
- Terminal velocity is the air speed, in feet per minute, measured in the supply air stream.

Sound Levels

- NC shown is the noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10dB (ref: 10-12 watts) room attenuation that is subtracted from the power levels in each of the 2nd thru 7th octave bands.
- Inlet diameters with air velocities less than 750 feet per minute will not effect NC or throw distances as shown in performance tables.

Pressure

- PS represents static pressure, inches of water

60" SUPPLY

1 WAY	1 SLOT 8" Inlet	CFM	90	110	120	140	160	180	190	210	230	250
		Ps	0.03	0.05	0.06	0.08	0.10	0.12	0.14	0.17	0.20	0.24
		NC	<20	<20	<20	21	24	27	29	31	34	36
		Throw	2 4 9	3 6 12	3 6 13	5 7 14	6 8 15	6 9 16	7 10 17	7 11 17	8 12 18	9 13 19
	2 SLOT 10" Inlet	CFM	180	210	250	280	320	350	390	420	460	490
		Ps	0.03	0.04	0.06	0.07	0.09	0.11	0.13	0.16	0.19	0.21
		NC	<20	<20	23	26	29	32	34	36	39	40
		Throw	3 6 13	4 8 16	5 9 19	7 10 20	8 12 22	9 13 22	10 14 24	10 16 25	11 17 26	12 18 27
	3 SLOT 12" Inlet	CFM	260	320	370	420	470	530	580	630	680	740
		Ps	0.03	0.04	0.05	0.07	0.08	0.10	0.13	0.15	0.17	0.20
		NC	<20	<20	22	26	29	32	34	36	38	40
		Throw	3 7 16	5 10 19	6 11 22	8 13 25	9 14 26	11 16 28	12 18 29	13 19 30	14 21 31	15 22 33
4 SLOT 12" Inlet	CFM	350	420	490	560	630	700	770	840	910	980	
	Ps	0.04	0.05	0.07	0.09	0.12	0.15	0.18	0.21	0.25	0.29	
	NC	<20	<20	23	27	30	33	35	37	40	41	
	Throw	4 8 18	5 11 22	7 13 26	10 15 28	11 16 30	12 18 32	13 20 33	15 22 35	16 24 36	17 26 38	

2 WAY	2 SLOT (1 & 1) 10" Inlet	CFM	180	210	250	280	320	350	390	420	460	490
		Ps	0.02	0.03	0.04	0.05	0.07	0.08	0.10	0.12	0.14	0.16
		NC	<20	<20	<20	<20	23	25	28	30	32	34
		Throw	2 4 9	3 5 11	4 7 13	5 7 14	6 8 15	6 9 16	7 10 17	7 11 17	8 12 18	9 13 19
	3 SLOT (1 & 2) 12" Inlet	CFM	260	320	370	420	470	530	580	630	680	740
		Ps	0.02	0.03	0.04	0.06	0.07	0.09	0.11	0.13	0.15	0.18
		NC	<20	20	23	27	30	33	35	37	39	41
		Throw	2 4 9	3 6 11	4 6 13	5 7 14	5 8 15	6 9 16	7 10 17	7 11 17	8 12 18	9 13 19
	4 SLOT (2 & 2) 12" Inlet	CFM	350	420	490	560	630	700	770	840	910	980
		Ps	0.02	0.04	0.05	0.06	0.08	0.10	0.12	0.14	0.17	0.19
		NC	<20	23	27	30	33	36	38	41	43	45
		Throw	3 6 13	4 8 16	5 9 18	7 10 20	8 12 21	9 13 22	10 14 24	10 16 25	11 17 26	12 18 27
	4 SLOT (1 & 3) 12" Inlet	CFM	350	420	490	560	630	700	770	840	910	980
		Ps	0.03	0.04	0.06	0.08	0.10	0.12	0.14	0.17	0.20	0.23
		NC	20	25	29	32	35	38	40	43	45	47
		Throw	2 4 9	3 5 11	4 6 13	5 7 14	5 8 15	6 9 16	7 10 17	7 11 17	8 12 18	9 13 19
		Throw - 1 Slot	2 4 9	3 6 11	4 6 13	5 7 14	5 8 15	6 9 16	7 10 17	7 11 17	8 12 18	9 13 19
		Throw - 2 Slot	3 6 13	4 8 16	5 9 18	7 10 20	8 12 21	9 13 23	10 14 24	10 16 25	11 17 26	12 18 27
		Throw - 3 Slot	3 7 16	5 10 19	6 11 22	8 13 25	10 14 26	11 16 28	12 17 29	13 19 30	14 21 31	15 22 33

MODEL SLRSR RETURN DATA

24"	CFM	30	40	50	60	80	90	100	110	130	130
1 SLOT	-Ps	0.02	0.03	0.05	0.06	0.12	0.15	0.18	0.22	0.30	0.30
24"	CFM	50	80	100	130	150	180	200	230	250	250
2 SLOT	-Ps	0.01	0.03	0.05	0.08	0.11	0.15	0.19	0.25	0.30	0.30
48"	CFM	50	80	100	130	150	180	200	230	250	250
1 SLOT	-Ps	0.01	0.03	0.05	0.08	0.11	0.15	0.19	0.25	0.30	0.30
48"	CFM	100	150	200	250	300	350	400	450	500	500
2 SLOT	-Ps	0.01	0.03	0.05	0.08	0.11	0.15	0.20	0.25	0.31	0.31
60"	CFM	60	90	130	160	190	220	250	280	310	310
1 SLOT	-Ps	0.01	0.03	0.06	0.09	0.13	0.17	0.22	0.28	0.34	0.34
60"	CFM	130	190	250	310	380	440	500	560	630	630
2 SLOT	-Ps	0.02	0.03	0.06	0.09	0.13	0.18	0.23	0.29	0.37	0.37

Test Standard

- ANSI / ASHRAE standard 70
- Isothermal air used during testing.

Throw

- The numbers shown are throw distances, in feet, measured from the diffuser relating to terminal velocities of 150, 100, & 50 fpm, with the jet attached to the ceiling surface.
- Terminal velocity is the air speed, in feet per minute, measured in the supply air stream.

Sound Levels

- NC shown is the noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10dB (ref: 10-12 watts) room attenuation that is subtracted from the power levels in each of the 2nd thru 7th octave bands.
- Inlet diameters with air velocities less than 750 feet per minute will not effect NC or throw distances as shown in performance tables.

Pressure

- PS represents static pressure, inches of water

SLSR Return Data

- -PS represents static pressure, inches of water, for ceiling plenum return applications.