

**3/4" SLOT WIDTH • 24" LENGTH • ONE WAY DISCHARGE**

1 SLOT 6" Inlet	CFM	30	36	43	49	55	61	68	74	80	85
	Pt	0.03	0.05	0.06	0.08	0.11	0.13	0.16	0.19	0.22	0.25
	NC	<20	<20	<20	20	23	26	29	31	33	35
	Throw	2 4 8	3 5 9	4 5 11	4 6 12	5 7 13	5 8 13	6 8 14	6 9 15	7 10 15	7 11 16
2 SLOT 6" Inlet	CFM	60	70	90	100	110	120	140	150	160	170
	Pt	0.04	0.05	0.08	0.10	0.12	0.14	0.19	0.22	0.25	0.28
	NC	<20	<20	21	23	26	28	32	34	36	37
	Throw	3 5 11	4 6 12	5 8 16	6 9 17	6 10 18	7 11 19	8 12 20	9 13 21	9 14 21	10 15 22
3 SLOT 8" Inlet	CFM	90	110	130	150	170	180	200	220	240	260
	Pt	0.03	0.05	0.07	0.09	0.12	0.13	0.17	0.20	0.24	0.28
	NC	<20	<20	22	26	29	30	33	36	38	40
	Throw	4 7 13	5 8 16	6 9 19	7 11 21	8 12 22	9 13 23	10 14 24	11 16 25	12 17 26	13 19 27
4 SLOT 8" Inlet	CFM	120	150	170	200	220	250	270	300	320	340
	Pt	0.04	0.06	0.08	0.11	0.13	0.17	0.19	0.24	0.27	0.31
	NC	<20	<20	22	26	29	32	34	37	39	40
	Throw	4 8 15	6 9 19	7 11 21	8 13 24	9 14 25	10 16 27	11 17 28	13 19 29	13 20 30	14 21 31

**3/4" SLOT WIDTH • 48" LENGTH • ONE WAY DISCHARGE**

1 SLOT 6" Inlet	CFM	60	70	90	100	110	120	140	150	160	170
	Pt	0.04	0.05	0.08	0.10	0.13	0.15	0.20	0.24	0.27	0.30
	NC	<20	<20	21	23	26	28	32	34	36	37
	Throw	3 5 11	4 6 12	5 8 16	6 9 17	6 10 18	7 11 19	8 12 20	9 13 21	9 14 21	10 15 22
2 SLOT 8" Inlet	CFM	120	150	170	200	220	250	270	300	320	340
	Pt	0.04	0.06	0.07	0.10	0.12	0.16	0.19	0.23	0.26	0.30
	NC	<20	<20	22	26	29	32	34	37	39	40
	Throw	4 8 15	6 9 19	7 11 21	8 13 24	9 14 25	10 16 27	11 17 28	13 19 29	13 20 30	14 21 31
3 SLOT 10" Inlet	CFM	180	220	260	290	330	370	410	440	480	510
	Pt	0.04	0.05	0.08	0.10	0.12	0.16	0.19	0.22	0.26	0.30
	NC	<20	<20	24	27	30	33	36	37	40	41
	Throw	5 9 18	7 11 22	9 13 27	10 15 29	11 17 31	13 19 33	14 21 34	15 22 36	16 25 37	17 26 38
4 SLOT 10" Inlet	CFM	240	290	340	390	440	490	540	590	640	680
	Pt	0.04	0.05	0.07	0.09	0.12	0.15	0.18	0.21	0.25	0.28
	NC	<20	21	25	29	32	35	37	40	42	43
	Throw	6 11 21	9 13 26	10 15 30	12 17 34	13 19 36	14 22 38	16 24 39	17 26 41	19 28 43	20 30 44

**3/4" SLOT WIDTH • 60" LENGTH • ONE WAY DISCHARGE**

1 SLOT 8" Inlet	CFM	70	90	100	120	130	150	160	180	190	200
	Pt	0.03	0.05	0.06	0.08	0.10	0.13	0.15	0.19	0.21	0.23
	NC	<20	<20	<20	24	26	30	31	34	36	37
	Throw	3 6 11	5 7 15	5 8 16	6 10 19	7 11 19	8 12 21	9 13 21	10 15 23	10 15 23	11 16 24
2 SLOT 10" Inlet	CFM	140	170	200	230	260	290	320	350	380	410
	Pt	0.03	0.05	0.06	0.08	0.11	0.13	0.16	0.19	0.23	0.26
	NC	<20	<20	22	25	28	31	34	36	38	40
	Throw	4 8 16	6 10 19	8 11 23	9 13 26	10 15 27	11 17 29	12 18 30	13 20 32	14 22 33	16 23 34
3 SLOT 12" Inlet	CFM	220	260	310	350	400	440	490	530	580	610
	Pt	0.03	0.05	0.07	0.09	0.11	0.13	0.17	0.20	0.23	0.26
	NC	<20	<20	24	27	30	33	36	38	40	41
	Throw	6 10 21	8 12 24	10 14 29	11 16 32	12 19 34	14 21 36	15 23 38	16 25 39	18 27 41	19 28 42
4 SLOT 12" Inlet	CFM	290	350	410	470	530	590	650	710	770	820
	Pt	0.04	0.05	0.07	0.10	0.12	0.15	0.19	0.22	0.26	0.30
	NC	<20	21	25	29	32	35	37	40	42	43
	Throw	7 12 23	9 14 28	11 17 33	13 19 37	14 21 39	16 24 41	18 26 43	19 29 45	21 31 47	22 33 49

**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.
- Throws shown are for 1-way discharge pattern. For 2 way, proportion air quantity based on number of slots in each direction and refer to the throw data applicable to each individual direction.

**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.

**Pressure**

- PS represents static pressure, inches of water

**1" SLOT WIDTH • 24" LENGTH • ONE WAY DISCHARGE**

1 SLOT 6" Inlet	CFM	36	44	51	59	66	74	81	89	96	102
	Pt	0.03	0.05	0.06	0.09	0.11	0.13	0.16	0.20	0.23	0.26
	NC	<20	<20	<20	<20	20	23	26	28	30	32
	Throw	2 4 8	3 5 10	4 6 12	4 7 13	5 8 14	6 8 15	6 9 15	7 10 16	7 11 17	8 12 17
2 SLOT 6" Inlet	CFM	70	90	100	120	130	150	160	180	190	200
	Pt	0.04	0.06	0.08	0.11	0.13	0.17	0.19	0.24	0.27	0.30
	NC	<20	<20	<20	21	23	27	28	31	33	34
	Throw	3 6 11	5 7 15	5 8 16	6 10 19	7 11 19	8 12 21	9 13 21	10 15 23	10 15 23	11 16 24
3 SLOT 8" Inlet	CFM	110	130	150	180	200	220	240	270	290	310
	Pt	0.04	0.05	0.07	0.10	0.12	0.15	0.18	0.23	0.26	0.30
	NC	<20	<20	<20	23	25	28	30	33	35	37
	Throw	4 7 15	6 9 17	7 10 20	8 12 23	9 13 24	10 15 25	11 16 26	12 18 28	13 19 29	14 20 30
4 SLOT 8" Inlet	CFM	140	170	200	230	260	290	320	350	380	410
	Pt	0.04	0.06	0.08	0.11	0.14	0.17	0.20	0.25	0.29	0.34
	NC	<20	<20	<20	23	26	29	31	34	36	38
	Throw	4 8 16	6 10 19	8 11 23	9 13 26	10 15 27	11 17 29	12 18 30	13 20 32	14 22 33	16 23 34

**1" SLOT WIDTH • 48" LENGTH • ONE WAY DISCHARGE**

1 SLOT 8" Inlet	CFM	70	90	100	120	130	150	160	180	190	200
	Pt	0.03	0.05	0.06	0.09	0.11	0.14	0.16	0.21	0.23	0.26
	NC	<20	<20	<20	21	23	27	28	31	33	34
	Throw	3 6 11	5 7 15	5 8 16	6 10 19	7 11 19	8 12 21	9 13 21	10 15 23	10 15 23	11 16 24
2 SLOT 8" Inlet	CFM	140	170	200	230	260	290	320	350	380	410
	Pt	0.04	0.06	0.08	0.11	0.14	0.17	0.20	0.25	0.29	0.34
	NC	<20	<20	<20	23	26	29	31	34	36	38
	Throw	4 8 16	6 10 19	8 11 23	9 13 26	10 15 27	11 17 29	12 18 30	13 20 32	14 22 33	16 23 34
3 SLOT 10" Inlet	CFM	220	260	310	350	400	440	490	530	580	610
	Pt	0.04	0.06	0.08	0.11	0.14	0.17	0.21	0.24	0.29	0.32
	NC	<20	<20	22	25	28	31	34	36	38	39
	Throw	6 10 21	8 12 24	10 14 29	11 16 32	12 19 34	14 21 36	15 23 38	16 25 39	18 27 41	19 28 42
4 SLOT 12" Inlet	CFM	290	350	410	470	530	590	650	710	770	820
	Pt	0.04	0.06	0.08	0.10	0.13	0.16	0.20	0.24	0.28	0.32
	NC	<20	<20	23	27	30	33	35	37	39	41
	Throw	7 12 23	9 14 28	11 17 33	13 19 37	14 21 39	16 24 41	18 26 43	19 29 45	21 31 47	22 33 49

**1" SLOT WIDTH • 60" LENGTH • ONE WAY DISCHARGE**

1 SLOT 10" Inlet	CFM	80	100	120	140	150	170	190	210	220	240
	Pt	0.03	0.04	0.06	0.08	0.09	0.12	0.14	0.18	0.19	0.23
	NC	<20	<20	<20	20	22	25	28	31	32	34
	Throw	3 6 12	5 7 15	6 9 18	7 10 20	7 11 21	8 13 22	9 14 23	10 16 25	11 16 25	12 18 26
2 SLOT 10" Inlet	CFM	170	200	240	270	310	340	380	410	450	480
	Pt	0.03	0.05	0.07	0.08	0.11	0.13	0.17	0.19	0.23	0.27
	NC	<20	<20	<20	22	26	28	31	33	35	37
	Throw	5 9 18	7 11 21	8 13 25	10 14 28	11 16 30	12 18 31	13 20 33	14 22 34	16 24 36	17 25 37
3 SLOT 12" Inlet	CFM	250	300	360	410	460	510	570	620	670	710
	Pt	0.03	0.05	0.07	0.09	0.11	0.13	0.17	0.20	0.23	0.26
	NC	<20	<20	21	24	27	30	33	35	37	38
	Throw	6 11 22	9 13 26	10 16 31	12 18 34	13 20 36	15 22 38	16 25 41	18 27 42	19 29 44	20 31 45
4 SLOT 12" Inlet	CFM	340	410	480	550	620	690	760	830	900	950
	Pt	0.04	0.06	0.08	0.10	0.13	0.16	0.20	0.24	0.28	0.31
	NC	<20	<20	23	26	29	32	35	37	39	40
	Throw	7 13 25	10 15 31	12 18 36	14 21 40	15 23 42	17 26 45	19 28 47	21 31 49	22 34 51	24 36 52

**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.
- Throws shown are for 1-way discharge pattern. For 2 way, proportion air quantity based on number of slots in each direction and refer to the throw data applicable to each individual direction.

**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.

**Pressure**

- PS represents static pressure, inches of water

**1-1/2" SLOT WIDTH • 24" LENGTH • ONE WAY DISCHARGE**

1 SLOT 8" Inlet	CFM	72	77	83	88	94	99	105	110	116	121
	Pt	0.04	0.05	0.06	0.07	0.07	0.08	0.09	0.10	0.11	0.12
	NC	<20	<20	<20	<20	<20	20	22	23	24	25
	Throw	4   6   12	4   7   13	5   7   14	5   7   15	5   8   16	6   8   17	6   9   17	6   9   18	7   10   18	7   10   19
2 SLOT 8" Inlet	CFM	140	150	170	180	190	200	210	220	230	240
	Pt	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13
	NC	<20	<20	<20	21	22	23	25	26	27	28
	Throw	5   8   17	6   9   18	7   10   20	7   11   21	8   11   23	8   12   24	8   13   25	9   13   25	9   14   26	10   14   26
3 SLOT 10" Inlet	CFM	210	230	250	260	280	300	310	330	350	360
	Pt	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13
	NC	<20	<20	20	21	23	25	26	28	29	30
	Throw	6   10   20	7   11   22	8   12   24	8   13   25	9   14   27	10   15   29	10   15   30	11   16   31	11   17   32	12   18   32
4 SLOT 10" Inlet	CFM	290	310	330	350	370	400	420	440	460	480
	Pt	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15
	NC	<20	20	22	23	25	27	28	29	31	32
	Throw	8   12   24	9   13   26	9   14   28	10   15   30	10   16   31	11   17   34	12   18   35	12   19   36	13   19   36	14   20   37

**1-1/2" SLOT WIDTH • 48" LENGTH • ONE WAY DISCHARGE**

1 SLOT 8" Inlet	CFM	140	150	170	180	190	200	210	220	230	240
	Pt	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13
	NC	<20	<20	<20	21	22	23	25	26	27	28
	Throw	5   8   17	6   9   18	7   10   20	7   11   21	8   11   23	8   12   24	8   13   25	9   13   25	9   14   26	10   14   26
2 SLOT 12" Inlet	CFM	290	310	330	350	370	400	420	440	460	480
	Pt	0.04	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.11	0.12
	NC	<20	20	21	23	24	26	28	29	30	31
	Throw	8   12   24	9   13   26	9   14   28	10   15   30	10   16   31	11   17   34	12   18   35	12   19   36	13   19   36	14   20   37
3 SLOT 12" Inlet	CFM	430	460	500	530	560	590	630	660	690	730
	Pt	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.15
	NC	<20	21	23	25	26	28	29	30	32	33
	Throw	9   15   30	11   16   32	11   17   34	12   18   37	13   19   39	14   20   41	14   22   43	15   23   44	16   24   45	17   25   46
4 SLOT 12" Inlet	CFM	570	620	660	700	750	790	840	880	920	970
	Pt	0.07	0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.18	0.20
	NC	21	23	25	26	28	30	31	32	34	35
	Throw	10   17   34	12   19   37	13   20   39	14   21   42	15   22   45	16   24   47	17   25   49	18   26   50	18   27   51	19   29   53

**1-1/2" SLOT WIDTH • 60" LENGTH • ONE WAY DISCHARGE**

1 SLOT 10" Inlet	CFM	180	200	210	220	240	250	270	280	290	310
	Pt	0.04	0.05	0.06	0.06	0.08	0.08	0.10	0.10	0.11	0.13
	NC	<20	<20	20	21	23	24	26	27	28	30
	Throw	6   10   19	7   11   21	7   11   22	8   12   23	8   13   25	9   13   26	10   14   28	10   15   28	10   15   29	11   16   30
2 SLOT 12" Inlet	CFM	360	390	420	450	480	500	530	560	590	620
	Pt	0.05	0.06	0.07	0.08	0.09	0.09	0.10	0.12	0.13	0.14
	NC	<20	21	23	25	26	27	29	30	32	33
	Throw	8   13   27	10   15   29	10   16   31	11   17   34	12   18   36	12   19   37	13   20   39	14   21   40	15   22   41	15   23   42
3 SLOT 12" Inlet	CFM	550	590	630	670	710	760	800	840	880	920
	Pt	0.07	0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.19
	NC	21	23	25	26	28	30	31	32	33	35
	Throw	10   17   34	12   18   36	13   19   38	14   20   41	14   22   43	15   23   46	16   24   48	17   26   49	18   27   50	19   28   51
4 SLOT 12" Inlet	CFM	720	770	830	880	940	990	1050	1100	1160	1210
	Pt	0.09	0.10	0.12	0.13	0.15	0.17	0.19	0.21	0.23	0.25
	NC	22	24	26	28	29	31	32	33	35	36
	Throw	12   19   38	14   21   41	15   22   44	16   23   47	17   25   50	18   26   53	19   28   55	20   29   56	21   31   58	22   32   59

**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.
- Throws shown are for 1-way discharge pattern. For 2 way, proportion air quantity based on number of slots in each direction and refer to the throw data applicable to each individual direction.

**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.

**Pressure**

- PS represents static pressure, inches of water