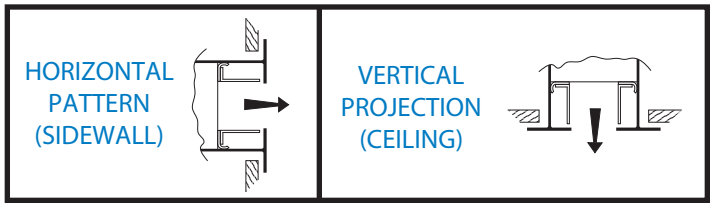


PJ-100 (1" SLOT) - 4' ACTIVE (FREE JET)

# SLOTS	CFM/FT/ SLOT	20			25			30			40			50			60			70			80			90			100		
1	CFM	80			100			120			160			200			240			280			320			360			400		
	Ps	.10			.01			.01			.03			.04			.06			.08			.10			.13			.16		
	NC	<10			<10			<10			13			17			20			23			25			27			29		
	Throw	1	3	8	2	5	9	3	6	11	5	8	13	6	9	14	8	11	16	9	12	17	10	13	18	11	13	19	12	14	20
2	CFM	160			200			240			320			400			480			560			640			720			800		
	Ps	.10			.01			.01			.03			.04			.06			.08			.10			.13			.16		
	NC	<10			<10			11			16			20			23			26			28			30			32		
	Throw	2	5	11	3	7	13	5	8	16	7	11	18	9	13	20	11	16	22	12	17	24	14	18	25	16	19	27	16	20	28
3	CFM	240			300			360			480			600			720			840			960			1080			1200		
	Ps	.10			.01			.01			.03			.04			.06			.08			.10			.13			.16		
	NC	<10			10			13			18			22			25			28			30			32			34		
	Throw	2	6	13	4	8	16	6	10	19	9	13	22	11	16	25	13	19	27	15	21	29	17	22	31	19	23	33	20	25	35
4	CFM	320			400			480			640			800			960			1120			1280			1440			1600		
	Ps	.10			.01			.01			.03			.04			.06			.08			.10			.13			.16		
	NC	<10			11			14			19			23			26			29			31			33			35		
	Throw	3	6	15	4	9	19	6	11	22	10	15	25	13	19	28	15	22	31	18	24	34	20	25	36	22	27	38	23	28	40

PJ-150 (1-1/2" SLOT) - 4' ACTIVE (FREE JET)

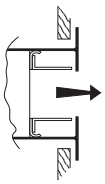
# SLOTS	CFM/FT/ SLOT	30			50			60			80			90			100			120			150			175			200		
1	CFM	120			200			240			320			360			400			480			600			700			800		
	Ps	.10			.01			.02			.03			.04			.05			.08			.12			.16			.21		
	NC	<10			<10			12			16			18			20			23			26			29			31		
	Throw	2	4	9	5	8	14	6	9	16	8	12	18	9	13	19	10	14	20	12	16	22	14	17	25	15	19	27	16	20	28
2	CFM	240			400			480			640			720			800			960			1200			1400			1600		
	Ps	.10			.01			.02			.03			.04			.05			.08			.12			.16			.21		
	NC	<10			12			15			19			21			23			26			29			32			34		
	Throw	2	5	13	6	11	20	9	13	22	11	17	25	13	19	27	14	20	28	17	22	31	20	25	35	22	27	38	23	28	40
3	CFM	360			600			720			960			1080			1200			1440			1800			2100			2400		
	Ps	.10			.01			.02			.03			.04			.05			.08			.12			.16			.21		
	NC	<10			14			17			21			23			25			28			31			34			36		
	Throw	3	6	16	8	13	25	10	16	27	14	21	31	16	23	33	17	25	35	21	27	38	25	30	43	27	33	46	28	35	49
4	CFM	480			800			960			1280			1440			1600			1920			2400			2800			3200		
	Ps	.10			.01			.02			.03			.04			.05			.08			.12			.16			.21		
	NC	<10			15			18			22			24			26			29			32			35			37		
	Throw	3	7	18	9	15	28	12	18	31	16	24	36	18	27	38	20	28	40	24	31	44	28	35	49	31	38	53	33	40	57

PJ-200 (2" SLOT) - 4' ACTIVE (FREE JET)

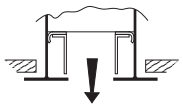
# SLOTS	CFM/FT/ SLOT	40			50			70			80			90			100			120			150			175			225		
1	CFM	160			200			280			320			360			400			480			600			700			900		
	Ps	.10			.10			.02			.02			.03			.03			.05			.07			.10			.16		
	NC	<10			<10			<10			11			13			15			18			22			25			30		
	Throw	2	5	11	4	7	13	6	9	15	7	11	16	8	12	17	9	13	18	11	14	19	13	15	22	14	17	23	15	19	27
2	CFM	320			400			560			640			720			800			960			1200			1400			1800		
	Ps	.10			.01			.03			.03			.04			.05			.08			.12			.16			.27		
	NC	<10			12			17			19			21			23			26			29			32			36		
	Throw	3	7	15	5	9	18	9	13	21	10	15	22	11	17	24	12	18	25	15	19	27	18	22	31	19	23	33	22	27	38
3	CFM	480			600			840			960			1080			1200			1440			1800			2100			2700		
	Ps	.10			.01			.03			.03			.04			.05			.08			.12			.16			.27		
	NC	10			14			19			21			23			25			28			31			34			38		
	Throw	4	9	18	6	11	22	11	16	26	12	18	27	14	20	29	15	22	31	18	24	34	22	27	38	23	29	41	27	32	46
4	CFM	640			800			1120			1280			1440			1600			1920			2400			2800			3600		
	Ps	.10			.01			.03			.03			.04			.05			.08			.12			.16			.27		
	NC	11			15			20			22			24			26			29			32			35			39		
	Throw	5	10	21	7	13	25	12	18	30	14	21	32	16	24	34	18	25	35	21	27	39	25	31	43	27	33	47	31	38	53

See Page A-11 for performance data notes.

HORIZONTAL PATTERN (SIDEWALL)



VERTICAL PROJECTION (CEILING)



PJ-250 (2-1/2" SLOT) - 4' ACTIVE (FREE JET)

# SLOTS	CFM/FT/ SLOT	50			80			95			120			140			150			165			215			260			290		
1	CFM	200			320			380			480			560			600			660			860			1040			1160		
	Ps	.10			.01			.02			.03			.04			.05			.06			.09			.14			.17		
	NC	<10			<10			<10			13			16			18			19			24			28			30		
	Throw	2	4	12	5	10	15	7	11	16	10	13	18	11	14	19	12	14	20	12	15	21	14	17	24	15	19	26	16	20	28
2	CFM	400			640			760			960			1120			1200			1320			1720			2080			2320		
	Ps	.10			.01			.02			.03			.04			.05			.06			.09			.14			.17		
	NC	<10			<10			12			16			19			21			22			27			31			33		
	Throw	3	6	16	7	14	21	9	16	23	14	18	25	16	19	27	16	20	28	17	21	30	20	24	34	22	26	37	23	28	40
3	CFM	600			960			1140			1440			1680			1800			1980			2580			3120			3480		
	Ps	.10			.01			.02			.03			.04			.05			.06			.09			.14			.17		
	NC	<10			11			14			18			21			22			24			29			33			35		
	Throw	3	7	20	8	17	25	11	20	28	17	22	31	19	24	34	20	25	35	21	26	36	24	29	42	26	32	46	28	34	48
4	CFM	800			1280			1520			1920			2240			2400			2640			3440			4160			4640		
	Ps	.10			.01			.02			.03			.04			.05			.06			.09			.14			.17		
	NC	<10			12			15			19			22			24			25			30			34			36		
	Throw	4	8	23	9	19	29	13	23	32	19	25	36	22	27	39	23	28	40	24	30	42	28	34	48	31	37	53	32	40	56

PJ-300 (3" SLOT) - 4' ACTIVE (FREE JET)

# SLOTS	CFM/FT/ SLOT	60			100			120			150			175			210			225			245			300			350		
1	CFM	240			400			480			600			700			840			900			980			1200			1400		
	Ps	.10			.01			.02			.03			.04			.06			.07			.08			.12			.17		
	NC	<10			<10			<10			13			16			20			21			23			27			30		
	Throw	2	5	12	6	10	15	8	12	17	10	13	19	11	14	20	13	16	22	13	16	23	14	17	24	15	19	26	16	20	29
2	CFM	480			800			960			1200			1400			1680			1800			1960			2400			2800		
	Ps	.10			.01			.02			.03			.04			.06			.07			.08			.12			.17		
	NC	<10			<10			11			16			19			23			24			26			30			33		
	Throw	3	6	16	8	14	22	11	16	24	14	19	26	16	20	29	18	22	31	19	23	32	20	24	34	22	26	37	23	29	40
3	CFM	720			1200			1440			1800			2100			2520			2700			2940			3600			4200		
	Ps	.10			.01			.02			.03			.04			.06			.07			.08			.12			.17		
	NC	<10			<10			13			18			21			24			26			28			32			35		
	Throw	4	8	20	10	17	26	13	20	29	17	23	32	20	25	35	22	27	38	23	28	40	24	29	41	26	32	46	29	35	49
4	CFM	960			1600			1920			2400			2800			3360			3600			3920			4800			5600		
	Ps	.10			.01			.02			.03			.04			.06			.07			.08			.12			.17		
	NC	<10			11			14			19			22			26			27			29			33			36		
	Throw	4	9	23	11	19	31	16	23	33	19	26	37	23	29	40	26	31	44	26	32	46	28	34	48	31	37	53	33	40	57

Test Standard

- ANSI / ASHRAE standard 70 *"Method of Testing for Rating the Performance of Air Outlets and Inlets"*
- Data based on non-ducted, pressurized ceiling plenum applications. Ducted plenums should be sized with inlet velocities less than 750 fpm while maintaining equal discharge velocities along the difuser length to maintain catalogue data.

Pressure

- P_S represents Static Pressure, inches of water

Sound Levels

- NC is 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
- NC shown is based on 4' duct user length. For other active lengths, use the following adjustment factors:

If Duct User Length is:	2'	4'	6'	8'	10+'
Adjust NC value by:	-3	0	+2	+3	+4

Throw

- The throw distances shown in the table are in feet, measured along the trajectory axis relating to a terminal velocity of 150, 100, 50 fpm for a 4' active length and isothermal conditions.

For other active lengths, use the following throw adjustment factors:

If Duct User Length is:	2'	4'	6'	8'	10+'
Multiply Throw Dist By:	.70	1.0	1.2	1.4	1.6

When the air is heated or cooled, vertical projection distances for ceiling installed units will increase or shorten based on the heating or cooling differential. Multiply the isothermal throw distances from the tables above by the adjustment factor shown below:

Temperature Differential, °F:	0	5	10	15	20
Heating - Adjustment Factor :	1.00	.93	.87	.82	.77
Cooling - Adjustment Factor :	1.00	1.05	1.10	1.16	1.23

- The table data is for a free, unattached jet (no surface effect). If the duct user is close to a vertical surface and the jet attaches to that surface, the projection distance will increase by approximately x 1.4