

# PERFORMANCE DATA

## Performance Chart – IP (Imperial)

### 2-Slot 2-Way Linear

Nominal Length in.	Inlet Static Pressure in. w.g.	Maximum Flow CFM	Maximum Flow				25% Maximum Flow			
			Throw - Feet* @v <sub>t</sub>				Throw - Feet* @v <sub>t</sub>			
			50 FPM	100 FPM	150 FPM	'NC	50 FPM	100 FPM	150 FPM	'NC
24	0.05	70	4	3	2	<15	3	<1	<1	<15
	0.10	90	5	4	3	<15	4	3	<1	<15
	0.15	120	9	7	4	21	6	4	3	20
	0.18	135	10	8	5	23	7	5	3	22
	0.20	140	10	8	5	25	7	5	3	24
	0.25	165	13	10	7	30	8	6	4	29
36	0.05	80	4	3	2	<15	3	<1	<1	<15
	0.10	115	7	5	3	16	4	3	<1	<15
	0.14	143	9	7	5	22	6	4	2	21
	0.15	150	9	7	5	23	6	4	2	22
	0.20	170	11	9	7	28	7	5	3	27
	0.25	185	13	10	8	32	8/6/4	6	4	31
48	0.05	150	7	5	3	<15	4	3	<1	<15
	0.10	200	11	9	7	16	6	4	2	19
	0.15	240	13	11	9	22	8	6	4	25
	0.17	256	15	12	9	23	9	6	4	27
	0.20	280	17	14	10	28	10	7	5	29
	0.25	310	19	15	11	32	12	9	6	32
60	0.05	170	6	4	3	<15	4	3	<1	<15
	0.10	240	8	6	4	20	5	3	2	19
	0.12	260	9	7	4	22	6	3	2	21
	0.15	290	10	8	5	26	7	4	3	25
	0.20	330	14	11	7	31	9	6	4	30
	0.25	370	19	14	9	34	11	8	5	33

**Performance Notes:**

- \* Throw data is for air 20°F 11°C lower than room temperature. Throws for isothermal air are 40 to 50% greater.
- 'NC based on Lw(10<sup>-12</sup> watts reference) -10db
- Ratings independently verified by Inchcape Testing Services, ETL Testing Laboratories.
- Tested in accordance with ANSI/ASHRAE 70-1991, ANSI S12.31, ARI 890-2001, ISO 5219 and ISO 3741.

The volume of induction air (into the ceiling) required in addition to rated air volume is:		
Inlet SP in. w.g	1- and 2- Slots CFM	4-Slots CFM
0.05	7	11
0.10	9	14
0.15	11	17
0.20	12.5	20

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## Performance Chart – IP (Imperial)

### 2-Slot 1-Way Linear

Nominal Length in.	Inlet Static Pressure in. w.g.	Maximum Flow CFM	Maximum Flow				25% Maximum Flow			
			Throw - Feet* @v <sub>t</sub>				Throw - Feet* @v <sub>t</sub>			
			50 FPM	100 FPM	150 FPM	'NC	50 FPM	100 FPM	150 FPM	'NC
24	0.05	65	6	4	3	<15	4	3	<1	<15
	0.07	75	7	5	4	17	5	3	<1	17
	0.1	90	9	7	5	20	6	4	2	19
	0.15	110	14	11	7	25	9	6	4	24
	0.2	130	17	13	8	29	10	7	5	28
	0.25	145	19	14	9	32	12	9	6	31
36	0.05	85	5	3	2	16	3	<1	<1	<15
	0.1	120	9	7	5	23	5	4	2	22
	0.12	130	11	8	6	24	6	5	3	23
	0.15	145	13	10	7	26	8	6	4	25
	0.2	165	16	12	8	30	10	7	5	29
	0.25	180	18	14	9	33	12	9	6	32
48	0.05	150	8	6	4	17	5	4	2	<15
	0.1	200	15	13	8	24	9	6	4	20
	0.15	240	22	17	11	30	13	9	6	26
	0.17	256	23	17	11	31	13	10	6	27
	0.2	280	24	18	12	32	14	11	7	28
	0.25	310	25	19	13	35	15	12	7	31
60	0.05	170	6	4	3	17	4	3	<1	16
	0.1	230	14	11	7	24	8	6	4	23
	0.13	263	17	13	8	28	11	7	5	27
	0.15	280	19	14	9	30	12	8	5	29
	0.2	320	20	15	10	32	12	9	6	31
	0.25	360	22	17	11	35	13	10	6	34

**Performance Notes:**

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The volume of induction air (into the ceiling) required in addition to rated air volume is:		
Inlet SP in. w.g	1- and 2- Slots CFM	4-Slots CFM
0.05	7	11
0.10	9	14
0.15	11	17
0.20	12.5	20

# PERFORMANCE DATA

## Performance Chart – IP (Imperial)

### 1-Slot 1-Way Linear

Nominal Length in.	Inlet Static Pressure in. w.g.	Maximum Flow CFM	Maximum Flow				25% Maximum Flow			
			Throw - Feet* @v <sub>t</sub>				Throw - Feet* @v <sub>t</sub>			
			50 FPM	100 FPM	150 FPM	'NC	50 FPM	100 FPM	150 FPM	'NC
24	0.05	45	6	4	3	<15	4	3	<1	<15
	0.10	60	9	7	4	19	6	4	2	<15
	0.15	70	13	10	7	23	8	6	4	16
	0.18	76	15	11	8	25	9	7	5	19
	0.20	80	17	12	8	27	10	8	5	21
	0.25	90	19	14	9	30	12	9	6	24
36	0.05	70	6	4	3	<15	4	3	<1	<15
	0.07	78	8	6	4	17	5	3	<1	<15
	0.10	90	10	8	6	20	6	4	2	<15
	0.15	110	13	10	7	24	8	6	4	17
	0.20	125	18	14	9	28	10	7	5	21
	0.25	140	20	15	10	31	12	9	6	24
48	0.05	90	6	4	3	16	4	3	<1	<15
	0.10	125	14	10	6	23	8	6	4	17
	0.12	135	16	12	7	25	10	7	4	18
	0.15	150	20	14	8	28	12	8	5	20
	0.20	175	21	15	9	31	13	10	6	24
	0.25	190	22	17	11	34	14	12	7	28
60	0.05	100	6	5	4	17	4	3	<1	<15
	0.09	140	9	7	6	23	6	4	2	18
	0.10	150	10	8	6	24	6	4	2	19
	0.15	180	15	13	8	30	9	6	4	23
	0.20	210	17	13	9	32	10	7	5	26
	0.25	230	20	15	10	35	12	9	6	29

**Performance Notes:**

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- Ratings independently verified by Inchcape Testing Services, ETL Testing Laboratories.
- Tested in accordance with ANSI/ASHRAE 70-1991, ANSI S12.31, ARI 890-2001, ISO 5219 and ISO 3741.

The volume of induction air (into the ceiling) required in addition to rated air volume is:		
Inlet SP in. w.g	1- and 2- Slots CFM	4-Slots CFM
0.05	7	11
0.10	9	14
0.15	11	17
0.20	12.5	20

# PERFORMANCE DATA

## Performance Chart – IP (Imperial)

### 4-Slot 2-Way Linear

Nominal Length in.	Inlet Static Pressure in. w.g.	Maximum Flow CFM	Maximum Flow				25% Maximum Flow			
			Throw - Feet* @v <sub>t</sub>				Throw - Feet* @v <sub>t</sub>			
			50 FPM	100 FPM	150 FPM	'NC	50 FPM	100 FPM	150 FPM	'NC
24	0.05	150	4	3	2	<15	3	2	<1	<15
	0.10	210	7	5	3	23	4	3	<1	22
	0.13	240	8	6	4	25	5	4	2	24
	0.15	260	9	7	5	26	5	4	2	25
	0.20	300	11	9	7	30	7	5	3	29
	0.25	335	13	11	8	33	8	6	4	32
36	0.05	185	5	4	3	<15	3	2	<1	<15
	0.10	260	8	6	4	23	5	4	2	22
	0.13	296	9	7	5	25	6	5	3	24
	0.15	320	10	8	6	27	6	5	3	26
	0.20	370	12	10	8	31	8	6	4	30
	0.25	410	14	12	9	34	9	7	4	33
48	0.05	275	8	7	5	<15	5	4	3	<15
	0.10	390	11	9	7	25	9	7	4	24
	0.11	408	12	10	7	26	10	8	5	25
	0.15	480	14	12	9	32	12	10	7	31
	0.20	550	17	14	10	37	14	12	8	36
	0.25	620	20	17	12	39	16	14	10	38
60	0.05	430	9	8	6	20	5	4	2	<15
	0.09	570	11	10	8	28	8	6	4	19
	0.10	605	12	10	8	30	9	7	4	20
	0.15	745	16	14	10	35	14	11	7	29
	0.20	860	19	16	12	39	15	13	8	34
	0.25	960	21	18	13	42	18	15	10	36

**Performance Notes:**

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- Ratings independently verified by Inchcape Testing Services, ETL Testing Laboratories.
- Tested in accordance with ANSI/ASHRAE 70-1991, ANSI S12.31, ARI 890-2001, ISO 5219 and ISO 3741.

The volume of induction air (into the ceiling) required in addition to rated air volume is:		
Inlet SP in. w.g	1- and 2- Slots CFM	4-Slots CFM
0.05	7	11
0.10	9	14
0.15	11	17
0.20	12.5	20

# PERFORMANCE DATA

## Performance Chart – IP (Imperial)

### 4-Slot 1-Way Linear

Nominal Length in.	Inlet Static Pressure in. w.g.	Maximum Flow CFM	Maximum Flow				25% Maximum Flow			
			Throw - Feet* @v <sub>t</sub>				Throw - Feet* @v <sub>t</sub>			
			50 FPM	100 FPM	150 FPM	'NC	50 FPM	100 FPM	150 FPM	'NC
24	0.05	150	6	5	3	<15	4	3	<1	<15
	0.10	210	13	10	7	26	8	6	4	24
	0.13	240	17	13	8	27	10	7	5	25
	0.15	260	19	15	9	28	11	8	5	26
	0.20	300	20	16	10	33	12	9	6	31
	0.25	335	21	18	12	36	13	10	7	34
36	0.05	180	6	5	4	<15	4	3	<1	<15
	0.10	250	14	12	8	26	8	6	4	24
	0.11	262	15	12	8	27	9	6	4	25
	0.15	310	19	14	10	30	11	8	5	28
	0.20	360	21	18	12	34	13	10	7	32
	0.25	400	22	19	13	37	14	12	7	35
48	0.05	315	16	13	9	<15	9	7	4	<15
	0.08	393	18	15	11	23	10	8	5	22
	0.10	445	20	17	12	28	10	8	5	26
	0.15	545	26	23	16	34	13	10	7	32
	0.20	630	35	29	21	38	19	15	9	36
	0.25	700	37	32	24	42	21	18	12	39
60	0.05	400	17	14	11	16	9	7	4	<15
	0.10	570	25	22	15	28	12	10	7	20
	0.11	596	26	23	16	29	13	11	7	22
	0.15	700	32	26	18	34	15	13	9	31
	0.20	805	36	30	22	38	21	16	12	36
	0.25	903	40	33	25	41	25	19	14	38

**Performance Notes:**

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- 'NC based on Lw(10<sup>-12</sup> watts reference) -10db
- Ratings independently verified by Inchcape Testing Services, ETL Testing Laboratories.
- Tested in accordance with ANSI/ASHRAE 70-1991, ANSI S12.31, ARI 890-2001, ISO 5219 and ISO 3741.

The volume of induction air (into the ceiling) required in addition to rated air volume is:		
Inlet SP in. w.g	1- and 2- Slots CFM	4-Slots CFM
0.05	7	11
0.10	9	14
0.15	11	17
0.20	12.5	20