

**1-Slot Sidewall**

Nominal Length in	Inlet Static Pressure in wg	Maximum Flow cfm	Maximum Flow		25% Maximum Flow	
			Throw - Feet* @ vt=50/100/150FPM	†NC	Throw* - Feet @ vt=50/100/150FPM	†NC
24	0.05	45	4/3/2	<15	1/<1/<1	<15
	0.10	60	5/4/4	<15	1/<1/<1	<15
	0.15	70	5/4/4	21	2/1/1	<15
	• 0.18	76	6/5/4	23	3/2/1	<15
	0.20	80	6/5/4	24	3/2/1	<15
	0.25	90	7/6/5	27	4/3/2	21
36	0.05	70	4/3/2	<15	1/<1/<1	<15
	• 0.07	78	4/3/3	17	1/<1/<1	<15
	0.10	90	5/4/4	19	1/<1/<1	<15
	0.15	110	5/4/4	22	2/1/1	<15
	0.20	125	7/6/5	25	3/2/1	<15
	0.25	140	7/6/5	28	4/3/2	21
48	0.05	90	4/3/3	<15	1/<1/<1	<15
	0.10	125	5/4/3	21	2/1/1	<15
	• 0.12	135	5/4/3	23	2/1/1	<15
	0.15	150	6/5/4	25	3/2/2	<15
	0.20	175	7/6/5	28	4/3/2	21
	0.25	190	8/7/6	31	4/3/2	24
60	0.05	100	4/3/3	<15	1/<1/<1	<15
	• 0.09	140	5/4/4	21	1/<1/<1	<15
	0.10	150	5/4/4	22	1/<1/<1	<15
	0.15	180	7/6/5	26	2/1/<1	20
	0.20	210	7/6/5	29	2/1/<1	22
	0.25	230	8/6/5	32	3/2/2	25

**2-Slot Sidewall**

Nominal Length in	Inlet Static Pressure in wg	Maximum Flow cfm	Maximum Flow		25% Maximum Flow	
			Throw - Feet* @ vt=50/100/150FPM	†NC	Throw* - Feet @ vt=50/100/150FPM	†NC
24	.05	65	4/3/3	<15	1/<1/<1	<15
	.07	75	4/3/3	17	1/<1/<1	<15
	.10	90	5/4/4	19	1/<1/<1	<15
	.15	110	6/5/4	23	2/1/<1	19
	.20	130	7/6/5	29	3/2/1	22
	• .25	145	7/6/5	31	4/3/2	25
36	.05	85	3/2/2	<15	1/<1/<1	<15
	.10	120	4/3/3	22	1/<1/<1	<15
	.12	130	4/3/3	23	1/<1/<1	17
	• .15	145	5/4/4	24	2/1/<1	21
	.20	165	6/5/4	29	2/1/1	26
	.25	180	7/6/5	31	3/2/2	29
48	.05	150	7/6/5	<15	2/1/<1	<15
	.10	200	8/7/6	23	2/1/<1	<15
	.15	240	9/8/7	27	3/2/1	22
	• .17	256	9/8/7	28	3/2/1	22
	.20	280	10/9/8	30	4/3/2	23
	.25	310	10/9/8	32	6/4/3	27
60	.05	170	5/4/3	<15	2/1/<1	<15
	.10	230	7/6/5	23	2/1/<1	<15
	• .13	263	8/7/6	26	3/2/<1	21
	.15	280	8/7/6	27	3/2/<1	24
	.20	320	9/8/6	30	3/2/2	27
	.25	360	10/8/7	32	5/3/2	31

**4-Slot Sidewall**

Nominal Length in	Inlet Static Pressure in wg	Maximum Flow cfm	Maximum Flow		25% Maximum Flow	
			Throw - Feet* @ vt=50/100/150FPM	†NC	Throw* - Feet @ vt=50/100/150FPM	†NC
24	.05	150	4/3/3	<15	1/<1/<1	<15
	.10	210	7/6/5	25	2/1/<1	19
	.13	240	8/7/6	26	3/2/<1	21
	• .15	260	8/7/6	27	3/2/1	22
	.20	300	8/7/6	32	4/3/2	27
	.25	335	9/8/7	35	4/3/2	31
36	.05	180	4/3/3	<15	1/<1/<1	<15
	.10	250	6/5/4	25	2/1/<1	19
	• .11	262	6/5/4	26	2/1/<1	20
	.15	310	7/6/5	28	2/1/1	23
	.20	360	8/7/6	32	3/2/1	28
	.25	400	8/7/6	35	4/3/2	31
48	.05	315	9/7/6	<15	2/1/<1	<15
	• .08	393	10/8/7	22	2/1/<1	19
	.10	445	11/9/7	26	2/1/1	22
	.15	545	11/9/7	32	3/2/2	27
	.20	630	13/11/9	35	5/4/3	32
	.25	700	14/12/10	39	6/5/4	35
60	.05	400	11/9/7	<15	2/1/<1	<15
	.10	570	13/11/9	27	2/1/1	22
	• .11	596	13/11/9	28	2/1/1	23
	.15	700	13/11/9	32	4/3/2	27
	.20	800	15/12/10	36	6/5/4	32
	.25	900	17/15/12	39	7/6/5	34

The volume of induction air (into the plenum) required in addition to rated air volume is:		
Inlet SP In.wg / Pa	1- and 2-Slots CFM / l/s	4-Slot CFM / l/s
0.05	7	11
0.10	9	14
0.15	11	17
0.20	12.5	20

Note:  
The installation must have provision to vent the induction air either to the return air plenum or to the room.

• Denotes 750 fpm / 3.81 m/s inlet velocity.

◉ Denotes 400 fpm / 2.03 m/s inlet velocity.

\* 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 L<sub>w</sub> (10<sup>-12</sup> watts reference) -10db.

◊ Oval shaped inlet.

- 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.

### 1-Slot Sidewall

Nominal Length mm	Nominal Inlet Dia. mm	Inlet Static Pressure Pa	Maximum Flow		Maximum Flow Throw (m)*@v <sub>t</sub> =				25% Maximum Flow Throw (m)*@v <sub>t</sub> =			
			L/s	m <sup>3</sup> /h	.25 m/s	.50 m/s	.75 m/s	†NC	.25 m/s	.50 m/s	.75 m/s	†NC
600	150	10	20	72	1.2	0.9	0.5	<15	0.3	<0.3	<0.3	<15
		20	26	92	1.4	1.1	1.0	<15	0.3	<0.3	<0.3	<15
		30	30	109	1.5	1.2	1.2	17	0.4	0.3	0.3	<15
		40	34	123	1.6	1.3	1.2	22	0.7	0.4	0.3	<15
		• 50	38	136	1.8	1.5	1.2	24	0.9	0.6	0.3	<15
		60	42	150	2.1	1.8	1.5	26	1.2	0.9	0.6	20
900	150	10	31	112	1.2	0.9	0.5	<15	0.3	<0.3	<0.3	<15
		• 20	39	140	1.4	1.1	1.0	17	0.3	<0.3	<0.3	<15
		30	46	167	1.5	1.2	1.2	20	0.4	<0.3	<0.3	<15
		40	53	193	1.6	1.4	1.3	23	0.7	0.4	0.3	<15
		50	59	213	2.1	1.8	1.5	25	0.9	0.6	0.3	<15
		60	65	233	2.1	1.8	1.5	27	1.2	0.9	0.6	20
1200	200	10	39	141	1.1	0.9	0.9	<15	0.3	<0.3	<0.3	<15
		20	52	189	1.4	1.1	0.9	19	0.5	0.3	0.3	<15
		• 30	64	230	1.7	1.4	1.1	23	0.8	0.4	0.4	<15
		40	73	264	1.9	1.6	1.3	26	1.0	0.7	0.6	16
		50	83	298	2.1	1.8	1.5	28	1.2	0.9	0.6	21
		60	88	319	2.4	2.1	1.8	30	1.2	0.9	0.6	23
1500	200	10	43	153	1.2	0.9	0.9	<15	0.3	<0.3	<0.3	<15
		• 20	62	222	1.4	1.1	1.1	19	0.3	<0.3	<0.3	<15
		30	77	276	1.8	1.5	1.4	24	0.4	<0.3	<0.3	17
		40	88	317	2.1	1.8	1.5	27	0.6	0.3	<0.3	20
		50	99	358	2.1	1.8	1.5	29	0.6	0.3	<0.3	22
		60	107	385	2.4	1.8	1.5	31	0.9	0.6	0.6	24

### 2-Slot Sidewall

Nominal Length mm	Nominal Inlet Dia. mm	Inlet Static Pressure Pa	Maximum Flow		Maximum Flow Throw (m)*@v <sub>t</sub> =				25% Maximum Flow Throw (m)*@v <sub>t</sub> =			
			L/s	m <sup>3</sup> /h	.25 m/s	.50 m/s	.75 m/s	†NC	.25 m/s	.50 m/s	.75 m/s	†NC
600	150	10	28	102	1.2	0.9	0.9	<15	0.3	<0.3	<0.3	<15
		20	38	136	1.4	1.1	1.1	17	0.3	<0.3	<0.3	<15
		30	46	167	1.7	1.4	1.2	21	0.4	<0.3	<0.3	17
		40	54	194	1.9	1.6	1.3	24	0.7	0.4	<0.3	20
		50	61	221	2.1	1.8	1.5	29	0.9	0.6	0.3	22
		• 60	67	242	2.1	1.8	1.5	31	1.2	0.9	0.6	24
900	150	10	37	133	0.9	0.6	0.5	<15	0.3	<0.3	<0.3	<15
		20	50	181	1.1	0.8	0.8	19	0.3	<0.3	<0.3	<15
		30	61	221	1.3	1.0	1.0	23	0.4	<0.3	<0.3	17
		• 40	70	254	1.6	1.3	1.2	25	0.6	0.3	<0.3	22
		50	78	281	1.8	1.5	1.2	29	0.6	0.3	0.3	26
		60	84	302	2.1	1.8	1.5	31	0.9	0.6	0.6	28
1200	200	10	66	238	2.0	1.8	1.5	<15	0.6	0.3	<0.3	<15
		20	85	307	2.3	2.0	1.7	20	0.6	0.3	<0.3	<15
		30	102	368	2.6	2.3	2.0	25	0.8	0.4	0.3	18
		• 40	117	423	2.8	2.5	2.2	28	1.0	0.7	0.4	22
		50	132	477	3.1	2.8	2.5	30	1.2	0.9	0.6	23
		60	144	518	3.1	2.8	2.5	32	1.7	1.2	0.9	26
1500	200	10	75	269	1.4	1.1	0.8	<15	0.6	0.3	<0.3	<15
		20	97	351	1.9	1.6	1.3	20	0.6	0.3	<0.3	<15
		• 30	118	426	2.3	2.0	1.7	25	0.7	0.4	<0.3	19
		40	136	491	2.5	2.2	1.8	28	0.9	0.6	0.4	25
		50	151	545	2.8	2.4	1.9	30	0.9	0.6	0.6	27
		60	166	600	3.0	2.5	2.1	32	1.4	0.9	0.6	30

The volume of induction air (into the ceiling) required in addition to rated air volume is:		
Inlet SP Pa	1- and 2- slot Induction Air l/s	4-Slot CFM / l/s
12	3.3	5.2
25	4.2	6.6
37	5.2	8.0
50	5.9	9.4

Note:  
The installation must have provision to vent the induction air either to the return air plenum or to the room.

All SI (metric) ratings are soft conversion from I-P ratings.

- Denotes 750 fpm / 3.81 m/s inlet velocity.
- Denotes 400 fpm / 2.03 m/s inlet velocity.

\* 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 L<sub>w</sub> (10<sup>-12</sup> watts reference) -10db.

◇ Oval shaped inlet.

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### 4-Slot Sidewall

Nominal Length mm	Nominal Inlet Dia. mm	Inlet Static Pressure Pa	Maximum Flow		Maximum Flow Throw (m)*@v <sub>t</sub> =				25% Maximum Flow Throw (m)*@v <sub>t</sub> =			
			L/s	m <sup>3</sup> /h	.25 m/s	.50 m/s	.75 m/s	†NC	.25 m/s	.50 m/s	.75 m/s	†NC
600	200	10	65	235	1.0	0.7	0.8	<15	<0.3	<0.3	<0.3	<15
		20	88	317	1.8	1.5	1.3	21	0.5	0.3	<0.3	17
		30	109	392	2.3	2.0	1.7	26	0.7	0.4	<0.3	20
		• 40	127	457	2.4	2.1	1.8	28	1.0	0.7	0.4	23
		50	142	511	2.4	2.1	1.8	32	1.2	0.9	0.6	27
		60	155	559	2.7	2.4	2.1	34	1.2	0.9	0.6	30
900	200	10	78	283	1.1	0.8	0.9	<15	<0.3	<0.3	<0.3	<15
		20	105	378	1.6	1.3	1.1	21	0.5	0.3	<0.3	17
		• 30	130	467	2.0	1.7	1.4	26	0.6	0.3	<0.3	21
		40	151	545	2.2	1.9	1.6	29	0.7	0.4	0.3	24
		50	170	613	2.4	2.1	1.8	32	0.9	0.6	0.3	28
		60	185	668	2.4	2.1	1.8	34	1.2	0.9	0.6	30
1200	250	10	137	492	2.6	2.0	1.8	<15	0.6	0.3	<0.3	<15
		• 20	186	670	3.1	2.5	2.0	22	0.6	0.3	<0.3	19
		30	229	826	3.4	2.8	2.2	28	0.8	0.4	0.4	24
		40	266	958	3.5	2.9	2.3	33	1.0	0.7	0.7	28
		50	298	1073	4.0	3.4	2.8	35	1.5	1.2	0.9	32
		60	324	1169	4.2	3.6	3.0	38	1.8	1.5	1.2	34
1500	300◇	10	173	623	3.2	2.6	2.0	<15	0.6	0.3	<0.3	<15
		20	237	856	3.7	3.1	2.5	22	0.6	0.3	0.3	19
		• 30	294	1060	4.0	3.4	2.8	29	0.9	0.6	0.4	24
		40	340	1227	4.1	3.4	2.8	33	1.4	1.1	0.8	28
		50	378	1363	4.6	3.7	3.1	36	1.8	1.5	1.2	32
		60	416	1500	5.1	4.4	3.6	38	2.1	1.8	1.5	34