

#### FF-100 (1" SLOT) - HORIZONTAL PATTERN - 4' ACTIVE (ATTACHED JET)

# Slots	CFM / Foot / Slot	20	25	30	40	50	60	70	80	90	100
	CFM	80	100	120	160	200	240	280	320	360	400
1	Ps	.01	.02	.02	.04	.07	.10	.13	.17	.22	.27
	NC	<10	<10	12	19	25	29	33	36	39	42
	Throw	3 5 10	4 6 13	5 8 15	7 10 19	9 13 21	10 15 23	12 17 25	14 19 26	15 20 28	17 21 30
	CFM	160	200	240	320	400	480	560	640	720	800
2	Ps	.01	.02	.02	.04	.07	.10	.13	.17	.22	.27
2	NC	<10	11	15	22	28	32	36	39	42	45
	Throw	5 7 15	6 9 18	7 11 22	10 15 26	12 18 30	15 22 32	17 25 35	19 26 37	22 28 40	24 30 42
	CFM	240	300	360	480	600	720	840	960	1080	1200
3	Ps	.01	.02	.02	.04	.07	.10	.13	.17	.22	.27
5	NC	<10	12	17	24	29	34	38	41	44	46
	Throw	6 9 18	7 11 22	9 13 27	12 18 32	15 22 36	18 27 40	21 30 43	24 32 46	27 34 48	30 36 51
	CFM	320	400	480	640	800	960	1120	1280	1440	1600
4	Ps	.01	.02	.02	.04	.07	.10	.13	.17	.22	.27
4	NC	<10	14	18	25	31	35	39	42	45	48
	Throw	7 10 21	9 13 26	10 15 31	14 21 37	17 26 42	21 31 46	24 35 49	27 37 53	31 40 56	34 42 59

#### FF-150 (1-1/2" SLOT) - HORIZONTAL PATTERN - 4' ACTIVE (ATTACHED JET)

# Slots	CFM / Foot / Slot		30			40			50			60			70			80			90			100			110			120	
	CFM		120			160			200			240			280			320			360			400			440			480	
1	Ps		.01			.02			.03			.05			.07			.09			.11			.14			.17			.20	
'	NC		<10			<10			13			19			24			28			32			35			38			41	
	Throw	5	8	16	7	11	18	9	13	20	11	16	22	12	17	24	14	18	26	16	19	27	17	20	29	17	21	30	18	22	31
	CFM		240			320			400			480			560			640			720			800			880			960	
2	Ps		.01			.02			.03			.05			.07			.09			.11			.14			.17			.20	
2	NC		<10			<10			16			22			27			31			35			38			41			44	
	Throw	8	11	22	10	15	26	13	19	29	15	22	31	18	24	34	20	26	36	22	27	38	23	29	40	25	30	42	26	31	44
	CFM		360			480			600			720			840			960			1080			1200			1320		<u> </u>	1440	
3	Ps		.01			.02			.03			.05			.07			.09			.11			.14			.17		<u> </u>	.20	
Ŭ	NC		<10			11	-		18			24	-		29	-		33			37	-		40			43		L	46	
	Throw	9	14	27	12	19	31	15	23	35	19	27	38	22	29	41	25	31	44	27	33	47	29	35	50	30	37	52	31	38	54
	CFM		480			640			800			960			1120			1280			1440			1600			1760			1920	
4	Ps		.01			.02			.03			.05			.07			.09			.11			.14			.17			.20	
-	NC		<10			12			19			25			30			34			38			41			44			47	
	Throw	11	16	31	14	21	36	18	27	40	21	31	44	25	34	48	29	36	51	31	38	54	33	40	57	35	42	60	36	44	63

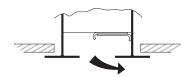
#### FF-200 (2" SLOT) - HORIZONTAL PATTERN - 4' ACTIVE (ATTACHED JET)

# Slots	CFM / Foot / Slot	60	70	80	90	100	110	120	130	140	150
	CFM	240	280	320	360	400	440	480	520	560	600
1	Ps	.03	.04	.05	.06	.07	.09	.10	.12	.14	.16
1	NC	18	22	25	28	31	33	35	37	39	41
	Throw	9 14 23	11 16 25	12 18 26	14 20 28	15 21 30	17 22 31	18 23 32	19 24 34	20 25 35	21 26 36
	CFM	480	560	640	720	800	880	960	1040	1120	1200
2	Ps	.03	.04	.05	.06	.07	.09	.10	.12	.14	.16
2	NC	21	25	28	31	34	36	38	40	42	44
	Throw	13 20 32	15 23 35	17 26 37	20 28 40	22 30 42	24 31 44	26 32 46	27 34 48	29 35 49	30 36 51
	CFM	720	840	960	1080	1200	1320	1440	1560	1680	1800
3	Ps	.03	.04	.05	.06	.07	.09	.10	.12	.14	.16
	NC	23	27	30	33	36	38	40	42	44	45
	Throw	16 24 40	19 28 43	21 32 46	24 34 48	27 36 51	29 38 54	32 40 56	34 41 58	35 43 60	36 44 63
	CFM	960	1120	1280	1440	1600	1760	1920	2080	2240	2400
4	Ps	.03	.04	.05	.06	.07	.09	.10	.12	.14	.16
-	NC	24	28	31	34	37	39	41	43	45	47
	Throw	18 28 46	22 32 49	25 37 53	28 40 56	31 42 59	34 44 62	37 46 65	39 48 67	40 49 70	42 51 72

For performance data notes, see page A6a.

For software selection, download Anemostat's FLO software (www.anemostat-hvac.com)

Architectural Diffusers



#### FF-250 (2-1/2" SLOT) - HORIZONTAL PATTERN - 4' ACTIVE (ATTACHED JET)

# Slots	CFM / Foot / Slot	60	70	80	90	100	120	140	160	180	200
	CFM	240	280	320	360	400	480	560	640	720	800
1	Ps	.02	.03	.04	.04	.06	.08	.11	.14	.18	.22
'	NC	12	16	20	22	25	29	33	37	39	42
	Throw	9 14 22	11 16 24	12 18 26	14 19 27	15 20 29	18 22 31	20 24 34	21 26 36	22 27 38	23 29 40
	CFM	480	560	640	720	800	960	1120	1280	1440	1600
2	Ps	.02	.03	.04	.04	.06	.08	.11	.14	.18	.22
2	NC	16	19	23	25	28	33	36	40	42	45
	Throw	13 19 31	15 22 34	17 26 36	19 27 38	21 29 40	26 31 44	28 34 48	30 36 51	31 38 54	33 40 57
	CFM	720	840	960	1080	1200	1440	1680	1920	2160	2400
3	Ps	.02	.03	.04	.04	.06	.08	.11	.14	.18	.22
3	NC	17	21	24	27	30	34	38	41	44	47
	Throw	16 23 38	18 27 41	21 31 44	23 33 47	26 35 50	31 38 54	34 41 59	36 44 63	38 47 67	40 50 70
	CFM	960	1120	1280	1440	1600	1920	2240	2560	2880	3200
4	Ps	.02	.03	.04	.04	.06	.08	.11	.14	.18	.22
4	NC	19	22	26	28	31	36	39	43	45	48
	Throw	18 27 44	21 32 48	24 36 51	27 38 54	30 40 57	36 44 63	39 48 68	42 51 72	44 54 77	47 57 81

#### FF-300 (3" SLOT) - HORIZONTAL PATTERN - 4' ACTIVE (ATTACHED JET)

# Slots	CFM / Foot / Slot	85	95	105	115	135	145	165	185	205	225
	CFM	340	380	420	460	540	580	660	740	820	900
1	Ps	.05	.06	.07	.09	.12	.14	.18	.22	.27	.33
· ·	NC	15	19	21	24	29	31	34	38	41	43
	Throw	11 16 2	6 12 18 28	13 20 29	14 21 31	17 24 33	18 24 34	21 26 37	22 28 39	24 29 41	25 30 43
	CFM	680	760	840	920	1080	1160	1320	1480	1640	1800
2	Ps	.05	.06	.07	.09	.12	.14	.18	.22	.27	.33
2	NC	18	22	24	27	32	34	37	41	44	46
	Throw	15 22 3	7 17 25 39	18 28 41	20 30 43	24 33 47	25 34 49	29 37 52	32 39 55	33 41 58	35 43 61
	CFM	1020	1140	1260	1380	1620	1740	1980	2220	2460	2700
3	Ps	.05	.06	.07	.09	.12	.14	.18	.22	.27	.33
5	NC	20	23	26	29	33	36	39	43	46	48
	Throw	18 27 4	6 20 31 48	23 34 51	25 37 53	29 41 58	31 42 60	36 45 64	39 48 67	41 50 71	43 53 74
	CFM	1360	1520	1680	1840	2160	2320	2640	2960	3280	3600
4	Ps	.05	.06	.07	.09	.12	.14	.18	.22	.27	.33
-	NC	21	25	27	30	35	37	40	44	47	49
	Throw	21 32 5	3 24 35 56	26 39 59	29 43 61	34 47 67	36 49 69	41 52 74	45 55 78	47 58 82	50 61 86

#### **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 a recommended maximum of 750 fpm neck velocity while maintaining equal discharge velocities along the diffuser length.

#### Sound Levels

- NC is the noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10 dB (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 a 4' diffuser length. For other active lengths:

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

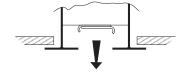
#### **Throw (Horizontal Pattern)**

 The numbers shown in table are throw distances, in feet, measured along the jet trajectory axis relating to terminal velocities of 150,100, & 50 fpm, with the jet attached to a surface for 4' active length. These are ONE way patterns. for other active lengths, use the following throw adjustment factors:

If Diffuser Length is:	2'	4'	6'	8'	10+'
Adjust Throw Dist by:	.70	1.0	1.2	1.4	1.6

- For installation with a free, unattached jet, multiply throw value by .70
- For TWO way applications, determine proportion of air in each direction and refer to throw distance for number of slots in the same direction
- Terminal velocity is the air speed, in feet per minute, measured in the supply airstream.





#### FF-100 (1" SLOT) - VERTICAL PROJECTION - 4' ACTIVE (FREE JET)

# Slots	CFM / Foot / Slot	25	30	35	40	50	60	70	80	90	100
	CFM	100	120	140	160	200	240	280	320	360	400
1	Ps	.03	.05	.06	.08	.13	.19	.25	.33	.42	.52
'	NC	11	15	19	22	27	31	35	38	41	43
	Throw	3 5 10	4 6 12	5 7 14	5 8 16	7 10 19	8 12 20	9 14 22	11 16 24	12 18 25	14 19 26
	CFM	200	240	280	320	400	480	560	640	720	800
2	Ps	.03	.05	.06	.08	.13	.19	.25	.33	.42	.52
2	NC	14	18	22	25	30	34	38	41	44	46
	Throw	5 7 14	6 9 17	7 10 20	8 11 23	10 14 26	11 17 29	13 20 31	15 23 33	17 25 35	19 26 37
	CFM	300	360	420	480	600	720	840	960	1080	1200
3	Ps	.03	.05	.06	.08	.13	.19	.25	.33	.42	.52
5	NC	16	20	24	27	32	36	40	43	46	48
	Throw	6 9 18	7 11 21	8 12 25	9 14 28	12 18 32	14 21 35	16 25 38	19 28 41	21 31 43	23 32 46
	CFM	400	480	560	640	800	960	1120	1280	1440	1600
4	Ps	.03	.05	.06	.08	.13	.19	.25	.33	.42	.52
4	NC	17	21	25	28	33	37	41	44	47	49
	Throw	7 10 20	8 12 24	9 14 28	11 16 33	14 20 37	16 24 41	19 28 44	22 33 47	24 35 50	27 37 53

#### FF-150 (1-1/2" SLOT) - VERTICAL PROJECTION - 4' ACTIVE (FREE JET)

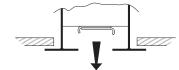
# Slots	CFM / Foot / Slot	30	40	50	60	70	80	90	100	110	120
	CFM	120	160	200	240	280	320	360	400	440	480
1	Ps	.02	.04	.06	.08	.11	.15	.19	.23	.28	.33
'	NC	<10	12	19	25	30	34	38	41	44	47
	Throw	3 5 10	4 6 13	5 8 16	6 10 18	7 11 20	9 13 21	10 14 22	11 16 24	12 18 25	13 18 26
	CFM	240	320	400	480	560	640	720	800	880	960
2	Ps	.02	.04	.06	.08	.11	.15	.19	.23	.28	.33
2	NC	<10	<10	16	22	27	31	35	38	41	44
	Throw	5 7 14	6 9 18	8 11 23	9 14 26	11 16 28	12 18 30	14 20 32	15 23 33	17 25 35	18 26 37
	CFM	360	480	600	720	840	960	1080	1200	1320	1440
3	Ps	.02	.04	.06	.08	.11	.15	.19	.23	.28	.33
5	NC	<10	11	18	24	29	33	37	40	43	46
	Throw	6 8 17	7 11 22	9 14 28	11 17 32	13 19 34	15 22 37	17 25 39	19 28 41	20 30 43	22 32 45
	CFM	480	640	800	960	1120	1280	1440	1600	1760	1920
4	Ps	.02	.04	.06	.08	.11	.15	.19	.23	.28	.33
4	NC	<10	12	19	25	30	34	38	41	44	47
	Throw	6 10 19	9 13 26	11 16 32	13 19 37	15 22 40	17 26 42	19 29 45	21 32 47	24 35 50	26 37 52

#### FF-200 (2" SLOT) - VERTICAL PROJECTION - 4' ACTIVE (FREE JET)

# Slots	CFM / Foot / S <b>l</b> ot	70	80	90	100	110	120	130	140	150	160
	CFM	280	320	360	400	440	480	520	560	600	640
1	Ps	.05	.07	.08	.10	.12	.15	.17	.20	.23	.26
1	NC	21	24	27	29	31	33	35	37	39	40
	Throw	6 9 19	7 11 22	8 12 23	9 14 25	10 15 26	11 16 27	12 18 28	13 19 29	14 20 30	14 22 31
	CFM	560	640	720	800	880	960	1040	1120	1200	1280
2	Ps	.05	.07	.08	.10	.12	.15	.17	.20	.23	.26
2	NC	24	27	30	32	34	36	38	40	42	43
	Throw	9 13 27	10 15 31	11 17 33	13 19 35	14 21 36	15 23 38	17 25 40	18 27 41	19 29 43	20 31 44
	CFM	840	960	1080	1200	1320	1440	1560	1680	1800	1920
3	Ps	.05	.07	.08	.10	.12	.15	.17	.20	.23	.26
5	NC	26	29	32	34	36	38	40	42	43	45
	Throw	11 16 33	13 19 38	14 21 40	16 23 43	17 26 45	19 28 47	20 31 49	22 33 50	23 35 52	25 38 54
	CFM	1120	1280	1440	1600	1760	1920	2080	2240	2400	2560
4	Ps	.05	.07	.08	.10	.12	.15	.17	.20	.23	.26
-	NC	27	30	33	35	37	39	41	43	45	46
	Throw	13 19 38	14 22 43	16 24 47	18 27 49	20 30 52	22 33 54	23 35 56	25 38 58	27 41 60	29 43 62

For performance data notes, see page A7a.

For software selection, download Anemostat's FLO software (www.anemostat-hvac.com)



#### FF-250 (2-1/2" SLOT) - VERTICAL PROJECTION - 4' ACTIVE (FREE JET)

# Slots	CFM / Foot / Slot	50	60	70	80	90	100	120	140	160	180
	CFM	200	240	280	320	360	400	480	560	640	720
1	Ps	.01	.02	.03	.04	.04	.06	.08	.11	.14	.18
	NC	<10	12	16	20	22	25	29	33	37	39
	Throw	4 7 13	5 8 16	6 9 18	7 11 21	8 12 22	9 13 23	11 16 25	12 18 27	14 21 29	16 22 31
	CFM	400	480	560	640	720	800	960	1120	1280	1440
2	Ps	.01	.02	.03	.04	.04	.06	.08	.11	.14	.18
2	NC	11	16	19	23	25	28	33	36	40	42
	Throw	6 9 19	7 11 22	9 13 26	10 15 29	11 17 31	12 19 33	15 22 36	17 26 39	20 29 41	22 31 44
	CFM	600	720	840	960	1080	1200	1440	1680	1920	2160
3	Ps	.01	.02	.03	.04	.04	.06	.08	.11	.14	.18
5	NC	13	17	21	24	27	30	34	38	41	44
	Throw	8 11 23	9 14 27	11 16 32	12 18 36	14 21 38	15 23 40	18 27 44	21 32 48	24 36 51	27 38 54
	CFM	800	960	1120	1280	1440	1600	1920	2240	2560	2880
4	Ps	.01	.02	.03	.04	.04	.06	.08	.11	.14	.18
4	NC	14	19	22	26	28	31	36	39	43	45
	Throw	9 13 26	11 16 32	12 18 37	14 21 41	16 24 44	18 26 46	21 32 51	25 37 55	28 41 59	32 44 62

#### FF-300 (3" SLOT) - VERTICAL PROJECTION - 4' ACTIVE (FREE JET)

# Slots	CFM / Foot / Slot	70	80	90	100	110	120	140	160	180	200
	CFM	280	320	360	400	440	480	560	640	720	800
1	Ps	.03	.04	.05	.06	.07	.08	.11	.15	.19	.23
'	NC	10	14	17	20	23	25	30	34	37	40
	Throw	6 8 17	6 10 19	7 11 21	8 12 22	9 13 23	10 14 24	11 17 26	13 19 28	14 21 30	16 22 32
	CFM	560	640	720	800	880	960	1120	1280	1440	1600
2	Ps	.03	.04	.05	.06	.07	.08	.11	.15	.19	.23
2	NC	13	17	20	23	26	28	33	37	40	43
	Throw	8 12 24	9 14 27	10 15 30	11 17 32	12 19 33	14 20 35	16 24 37	18 27 40	20 30 42	23 32 45
	CFM	840	960	1080	1200	1320	1440	1680	1920	2160	2400
3	Ps	.03	.04	.05	.06	.07	.08	.11	.15	.19	.23
5	NC	15	18	22	25	28	30	35	38	42	45
	Throw	10 15 29	11 17 33	12 19 37	14 21 39	15 23 41	17 25 42	19 29 46	22 33 49	25 37 52	28 39 55
	CFM	1120	1280	1440	1600	1760	1920	2240	2560	2880	3200
4	Ps	.03	.04	.05	.06	.07	.08	.11	.15	.19	.23
4	NC	16	20	23	26	29	31	36	40	43	46
	Throw	11 17 34	13 19 38	14 22 42	16 24 45	18 26 47	19 29 49	22 34 53	26 38 57	29 42 60	32 45 63

#### **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 a recommended maximum of 750 fpm neck velocity while maintaining equal discharge velocities along the diffuser length.

#### Sound Levels

- NC is the noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10 dB (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 a 4' diffuser length. For other active lengths:

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

#### Pressure

· Ps represents Static Pressure, inches of water

• Terminal velocity is the air speed, in feet per minute, measured in the supply airstream.

• For software selection method, download Anemostat's FLO software (www.anemostat-hvac.com)

#### **Vertical Projection**

• The numbers shown in table are projection distances, in feet, measured along the jet trajectory axis relating to terminal velocities of 150,100, & 50 fpm for free, unbounded jet (no surface effect) for 4' active length. For other active lengths, use the following throw adjustment factors:

If Diffuser Length is:	2'	4'	6'	8'	10+'
Adjust Throw Dist by:	.70	1.0	1.2	1.4	1.6

- If diffuser is close to a vertical surface and the jet attaches to that surface, the projection distance wil increase by approximately x 1.4
- Projection distances will increase or shorten based on a heating or cooling differential. Multiply the isothermal projection distances from the tables above by these adjustment factors for your heating / cooling differential:

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



#### FF-100 (1" SLOT) - 1 SLOT - HORIZONTAL PATTERN (ATTACHED JET)

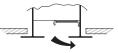


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Image: probability of the stand state			NC	<10	15	20	25	29	32	36	39	41	43
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Lip         NC         <10         15         200         75         100         15         21         130         36         36         36         42         44         44         16         21         16 <t< td=""><td></td><td></td><td>Ps</td><td>.02</td><td>.03</td><td>.05</td><td>.07</td><td>.09</td><td>.12</td><td>.16</td><td>.19</td><td>.24</td><td>.28</td></t<>			Ps	.02	.03	.05	.07	.09	.12	.16	.19	.24	.28
here         Peroperator         ODE         ODE        ODE        ODE <thd< td=""><td></td><td>36"</td><td>Ρ<sub>T</sub></td><td>.02</td><td>.04</td><td>.07</td><td>.10</td><td>.14</td><td>.18</td><td>.23</td><td>.29</td><td>.35</td><td>.41</td></thd<>		36"	Ρ <sub>T</sub>	.02	.04	.07	.10	.14	.18	.23	.29	.35	.41
here         Peroperator         ODE         ODE        ODE        ODE <thd< td=""><td>Ш</td><td></td><td>NC</td><td>&lt;10</td><td>15</td><td>20</td><td>25</td><td>30</td><td>33</td><td>36</td><td>39</td><td>42</td><td>44</td></thd<>	Ш		NC	<10	15	20	25	30	33	36	39	42	44
here         Peroperator         ODE         ODE        ODE        ODE <thd< td=""><td>Z Z</td><td></td><td>Throw</td><td>3 5 10</td><td>5 7 14</td><td>6 9 16</td><td>7 10 18</td><td>8 12 19</td><td>9 14 20</td><td>11 15 22</td><td>12 16 23</td><td>13 17 24</td><td>14 18 25</td></thd<>	Z Z		Throw	3 5 10	5 7 14	6 9 16	7 10 18	8 12 19	9 14 20	11 15 22	12 16 23	13 17 24	14 18 25
here         Peroperator         ODE         ODE        ODE        ODE <thd< td=""><td>21</td><td></td><td>CFM</td><td>88</td><td>116</td><td>144</td><td>172</td><td>200</td><td>228</td><td>256</td><td>284</td><td>312</td><td>340</td></thd<>	21		CFM	88	116	144	172	200	228	256	284	312	340
48*         P, NC         ····           60**         ·····        ·····        ····			Ps	.02	.03	.04	.06	.08	.10	.13	.16	.19	.23
NC	<sup>o</sup>	48"		.03	.05	.07	.11	.14	.19	.23	.29	.35	.41
Image: biase in the second s													
Phy         0.01         103         174         208         243         277         192         346         391         415           P5         0.11         .02         .04         .05         .07         .10         .122         .28         .34         .42         .49           NC         -10         14         21         25         .20         .33         .36         10         .42         .44           NC         -10         14         121         25         .20         .33         .36         10         .42         .44           Pr         .0.3         .0.6         .0.9         .11         .11         .11         .13         .13         .13         .13         .13         .13         .13         .13         .13         .14         .14         .14         .14         .14         .14         .13         .13         .14         .14         .13         .13         .13         .14         .14         .14         .14         .13         .14         .14         .20         .23         .23         .23         .23         .23         .23         .23         .23         .23         .23         .23 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>													
Ph         OI         OZ         OI         OZ         OI													
60°         Pr         0.0         0.0         1.2         1.7         2.2         2.8         3.4         4.2         4.4           NC         <10         1         21         20         20         3.5         20         3.5         20         3.5         20         3.5         10         20         11         16         20         13         16         20         17         12         18         23         18         19         27         15         20         20         16         21         30         16         18         18         17         187         204         30													
Image: biase in the ima		60"											
Image: base base base base base base base base		00											
Line         CFM         60         67         84         101         118         136         153         170         187         204           Pr         .02         .04         .06         .08         .11         .14         .14         .18         .23         .27         .32           Pr         .02         .04         .06         .09         .12         .15         .19         .24         .29         .35           NC         <14         .14         .19         .25         .29         .32         .35         .38         .40         .42           GFM         .69         .93         .117         .141         .165         .19         .24         .29         .32           A6"         .02         .03         .05         .07         .09         .12         .16         .19         .24         .22           A6"         .02         .03         .05         .07         .09         .12         .16         .13         .16         .19         .21         .16         .19         .21         .16         .11         .14         .18         .21         .16         .11         .14         .18													
Image: product of the stand sta			Inrow	4 10 12	5   8   16	/ 10 19	8 12 21	9 14 23	11 16 25	12 18 26	13 19 27	15 20 29	16 21 30
$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$			CFM	50	67	84	101	118	136	153	170	187	204
$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$			Ps	.02	.04	.06	.08	.11	.14	.18	.23	.27	.32
Pr		24"	Ρ <sub>T</sub>	.02	.04	.06	.09	.12	.15	.19	.24	.29	.35
Line         CFM         69         93         117         141         165         169         213         237         261         285           36*         P <sub>5</sub> 2        3        5        30        12        12        14        19        24        28        23			NC	<10	14	19	25	29	32	35	38	40	42
Line         CFM         69         93         117         141         165         169         213         237         261         285           36*         P <sub>5</sub> 2        3        5        30        12        12        14        19        24        28        23			Throw	3 5 9	4 6 12	5 8 14	6 9 15	7 11 16	8 12 17	9 13 18	10 14 19	11 14 20	12 15 21
Here         B													
B6*         P <sub>1</sub> 02        03        05        08        11        14        18        22        27        32           NC         <10         15        20        25        29        228        28        38        40        43           MC        2        2        2        2        2        20        28         .				.02	.03	.05	.07	.09	.12	.16	.19	.24	.28
NC         <10         15         20         25         29         32         35         38         40         43           Throw         3         5         10         5         14         6         9         14         200         228         256         284         312         11         12         14         14         16         200         288         286         284         316         113         16         313         31         31         34         35         38         40         42         34         34         34         34         34         34         34         37		36"											
Pice         Throw         3         5         10         5         7         14         6         9         16         7         10         18         8         12         19         9         14         20         11         15         12         12         16         13         17         24         14         18         250           Pr         .02         .03         .04         .06         .00         .13         .16         .20         .24         .23         .24         .23           Pr         .02         .03         .04         .06         .00         .13         .16         .20         .24         .23         .24         .23           Pr         .02         .03         .05         .07         .10         13         21         10         15         21         16         21         16         21         16         21         16         21         16         21         17         16         21         17         17         14         16         21         10         18         21         10         18         21         11         16         24         18         21													
$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$													
$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$													
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$													
NC         <10         14         20         24         28         31         34         37         40         42           Throw         4         6         11         5         7         15         6         9         18         7         11         16         9         21         10         15         22         11         16         24         12         34         237         340         42         15         19         17         19         234         277         312         346         33         40         42         415         15         19         27         312         36         38         40         42         30         37         31         37         31         37         31         38         40         42         30         36         38         40         42         30         33         35         38         40         42         30         31         19         27         15         20         20         10         18         12         11         18         21         18         11         118         36         170         13         18         10         14	8	/8"											
$ \  \  \  \  \  \  \  \  \  \  \  \  \ $		40											
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A result of the second of the secon		60											
I = I = I = I = I = I = I = I = I = I													
$ {  \  \  \  \  \  \  \  \  \  \  \  \  $			Throw	4 6 12	5 8 16	7 10 19	8 12 21	9 14 23	11 16 25	12 18 26	13 19 27	15 20 29	16 21 30
$ \  \  \  \  \  \  \  \  \  \  \  \  \ $			CFM	50	67	84	101	118	136	153	170	187	204
$ \begin to triangle for the triangle for $			Ps	.02	.04	.06	.08	.11	.14	.18	.23	.27	.32
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		24"	PT	.02	.04	.06	.08	.11	.15	.19	.23	.28	.33
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$			NC	<10	14	19	24	28	31	35	38	40	42
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$			Throw	3 5 9	4 6 12	5 8 14	6 9 15	7 11 16	8 12 17	9 13 18	10 14 19	11 14 20	12 15 21
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$													
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			Ps	.02	.03	.05	.07	.09	.12	.16	.19	.24	.28
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		36"		.02									
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$													
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	IN I												
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$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$													
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	7	48"											
Throw         4         6         11         5         7         15         6         9         18         7         11         19         9         13         21         10         15         22         11         16         24         12         18         25         13         18         26         15         19         27           CFM         105         139         174         208         243         277         312         346         381         415           Ps         .01         .02         .04         .05         .07         .10         .12         .15         .18         2         .22         .23           Po         .02         .03         .04         .06         .09         .11         .14         .17         .21         .25         .25           NC         <10													
CFM         105         139         174         208         243         277         312         346         381         415           Ps         .01         .02         .04         .05         .07         .10         .12         .15         .18         .22           PT         .02         .03         .04         .06         .09         .11         .14         .17         .21         .25           NC         <10													
P <sub>S</sub> .01         .02         .04         .05         .07         .10         .12         .15         .18         .22           60"         P <sub>T</sub> .02         .03         .04         .06         .09         .11         .14         .17         .21         .25           NC         <10													
60"         P <sub>T</sub> .02         .03         .04         .06         .09         .11         .14         .17         .21         .25           NC         <10													
NC <10 14 20 24 28 31 34 37 39 42		60"											
		οU											
Inrow   4   6   12   5   8   16   7   10   19   8   12   21   9   14   23   11   16   25   12   18   26   13   19   27   15   20   29   16   21   30													
	1		Throw	4 6 12	5 8 16	7 10 19	8 12 21	9 14 23	11 16 25	12 18 26	13 19 27	15 20 29	16 21 30

For performance data notes, see page FF-11.



100

.02

.04

performance data

271

.14

.26

#### FF-100 (1" SLOT) - 2 SLOTS - HORIZONTAL PATTERN (ATTACHED JET)

124

.03

.06

149

.04

.08

173

.06

.11

198

.08

.14

222

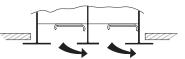
.10

.18

247

.12

.22



296

.17

.31

320

.20

.37

6			CFM	
5			Ps	
Architectural Diffusers		24"	P <sub>T</sub>	
l E			NC	
Ö			Throw	4
_			CFM	
<u><u></u></u>			Ps	
ま		36"	P <sub>T</sub>	
e	Б		NC	
Jİ	N		Throw	5
<u>i</u>	6" Ø INLET		CFM	
Ā	O		Ps	
	-	48"	P <sub>T</sub>	
			NC	

		NC	11	16	21	25	28	31	35	37	39	41
		Throw	4 6 13	5 8 16	6 10 18	7 11 19	8 13 21	10 14 22	11 16 23	12 17 24	13 18 25	14 19 26
		CFM	138	176	214	252	290	328	366	404	442	480
		Ps	.02	.03	.04	.06	.07	.09	.12	.14	.17	.20
	36"	P <sub>T</sub>	.05	.08	.11	.16	.21	.27	.33	.41	.49	.57
ET		NC	10	17	22	27	31	34	37	40	43	45
INLET		Throw	5 7 14	6 9 18	7 11 22	9 13 23	10 15 25	11 17 27	13 19 28	14 21 30	15 22 31	17 23 32
Ø		CFM	176	219	261	304	347	389	432	475	517	560
.9		Ps	.02	.02	.03	.05	.06	.07	.09	.11	.13	.15
	48"	P <sub>T</sub>	.07	.10	.14	.19	.25	.32	.39	.47	.56	.66
		NC	11	17	22	26	30	33	36	39	41	44
		Throw	5 8 16	7 10 20	8 12 24	9 14 26	10 16 27	12 18 29	13 20 31	14 22 32	16 23 34	17 25 35
		CFM	210	262	314	367	419	471	523	576	628	680
		Ps	.01	.02	.03	.04	.05	.07	.09	.10	.12	.14
	60"	P <sub>T</sub>	.09	.13	.19	.26	.34	.43	.53	.64	.76	.89
		NC	11	18	22	27	30	34	37	40	42	45
		Throw	6 9 17	7 11 21	9 13 26	10 15 28	11 17 30	13 19 32	14 21 34	16 23 35	17 25 37	18 27 38
		CFM	100	129	158	187	216	244	273	302	331	360
		Ps	.02	.03	.05	.07	.09	.12	.15	.18	.21	.25
	24"	P <sub>T</sub>	.02	.04	.06	.09	.11	.15	.18	.23	.27	.32
		NC	11	17	22	26	29	33	36	39	41	43
		Throw	4 6 13	6 8 17	7 10 19	8 12 20	9 14 22	10 16 23	12 17 24	13 18 26	14 19 27	15 20 28
		CFM	138	179	221	262	303	345	386	427	469	510
		Ps	.02	.03	.04	.06	.08	.10	.13	.16	.19	.23
	26"	D	0.2	04	07	00	10	16	21	25	20	26

	24"	PT		.02			.04			.06			.09	)		.11			.15			.18			.23			.27			.32	
		NC		11			17			22			26			29			33			36			39			41			43	
		Throw	4	6	13	6	8	17	7	10	19	8	12	20	9	14	22	10	16	23	12	17	24	13	18	26	14	19	27	15	20	28
		CFM		138			179			221			262	2		303	;		345			386			427			469			510	
		Ps		.02			.03			.04			.06	5		.08			.10			.13			.16			.19			.23	
	36"	P <sub>T</sub>		.03			.04			.07			.09	)		.13			.16			.21			.25			.30			.36	
Ē		NC		<10			17			22			27			31			34			37			39			42			44	
INLE <sup>-</sup>		Throw	5	7	14	6	9	19	8	12	22	9	14	24	11	16	26	12	18	27	13	20	29	15	22	31	16	23	32	18	24	33
Ø		CFM		176			223			270			317	7		364	Ļ		412			459			506			553			600	
<b>.</b>		Ps		.02			.02			.04			.05	i		.06			.08			.10			.12			.15			.18	
	48"	PT		.03			.05			.07			.10	)		.13			.17			.21			.26			.31			.36	
		NC		10			16			22			26			29			32			36			38			41			43	
		Throw	5	8	16	7	10	20	8	12	24	10	14	26	11	17	28	12	19	30	14	21	32	15	23	33	17	25	35	18	26	36
		CFM		210			270			330			390	)		450	)		510			570			630			690			750	
		Ps		.01			.02			.03			.05	i		.06			.08			.10			.12			.15			.18	
	60"	PT		.04			.06			.09			.13	1		.17			.21			.27			.33			.39			.46	
		NC		10			17			22			26			31			34			37			40			42			45	
		Throw	6	9	17	7	11	22	9	13	27	11	16	29	12	18	31	14	21	33	15	23	35	17	26	37	19	27	39	20	29	40

		CFM		100			129			158			18	7		21	6	2	244			273			302			331			360	
		Ps		.02			.03			.05			.07	7		.09	)		.12			.15			.18			.21			.25	
	24"	P <sub>T</sub>		.02			.04			.05			.08	3		.10	)		.13			.16			.20			.24			.28	
		NC		10			16			22			26	;		29	)		33			35			38			40			42	
		Throw	4	6	13	6	8	17	7	10	19	8	12	20	9	14	22	10	16	23	12	17	24	13	18	26	14	19	27	15	20	28
		CFM		138			179			221			26	2		30	3	:	345			386			427			469			510	
		Ps		.02			.03			.04			.06	6		.08	3		.10			.13			.16			.19			.23	
<b>⊢</b>	36"	PT		.02			.03			.05			.07	7		.10	)		.13			.16			.20			.24			.28	
INLE <sup>-</sup>		NC		<10			17			22			26	i		30	)		33			36			39			41			43	
		Throw	5	7	14	6	9	19	8	12	22	9	14	24	11	16	26	12	18	27	13	20	29	15	22	31	16	23	32	18	24	33
Ø		CFM		176			223			270			31	7		364	4	4	412			459			506			553			600	
10"		Ps		.02			.02			.04			.05	5		.06	6		.08			.10			.12			.15			.18	
-	48"	P <sub>T</sub>		.02			.03			.05			.07	7		.09	)		.12			.15			.18			.21			.25	
		NC		<10			16			21			25	i		28			32			35			37			40			42	
		Throw	5	8	16	7	10	20	8	12	24	10	14	26	11	17	28	12	19	30	14	21	32	15	23	33	17	25	35	18	26	36
		CFM		210			270			330			39	0		45	C	Ę	510			570			630			690			750	
		Ps		.01			.02			.03			.05	5		.06	6		.08			.10			.12			.15			.18	
	60"	PT		.02			.04			.06			.08	3		.11			.14			.17			.21			.25			.29	
		NC		<10			16			21			25	i		30	)		33			36			38			41	_		44	
		Throw	6	9	17	7	11	22	9	13	27	11	16	29	12	18	31	14	21	33	15	23	35	17	26	37	19	27	39	20	29	40

For performance data notes, see page FF-11.

For software selection, download Anemostat's FLO software (www.anemostat-hvac.com)

#### FF-150 (1-1/2" SLOT) - 1 SLOT - HORIZONTAL PATTERN (ATTACHED JET)



Image: black         CPM         B													-
Pin         Pin <td></td> <td></td> <td>CFM</td> <td>80</td> <td>100</td> <td>115</td> <td>135</td> <td>150</td> <td>170</td> <td>185</td> <td>205</td> <td>220</td> <td>240</td>			CFM	80	100	115	135	150	170	185	205	220	240
Pin         Pin <td></td> <td></td> <td></td> <td>.03</td> <td>.04</td> <td>.05</td> <td>.07</td> <td>.09</td> <td>.12</td> <td>.14</td> <td>.17</td> <td>.20</td> <td>.23</td>				.03	.04	.05	.07	.09	.12	.14	.17	.20	.23
Image         Image <th< td=""><td></td><td>24"</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		24"											
Image         Image <th< td=""><td></td><td>24</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		24											
Image: product of the stand state of the state			NC	<10	13	18	23	28	31	34			
Image: Part of the sector of the se			Throw	5 8 13	6 9 14	7 11 15	9 12 17	9 12 18	11 13 19	11 14 19	12 14 20	12 15 21	13 16 22
Image: Part of the sector of the se			CFM	115	140	165	190	215	240	265	285	310	335
PhC         0.07         0.00         0.07         0.00													
Lip         NC          10 </td <td></td> <td>20"</td> <td></td>		20"											
G         DPM         150         180         240         240         240         300         300         300         300         420           P <sub>R</sub> .0.0         .0.0		30"	-										
G         DPM         150         180         240         240         240         300         300         300         300         420           P <sub>R</sub> .0.0         .0.0	i i i i i i i i i i i i i i i i i i i		NC	<10	13	19	23	27	31	35	38	40	43
G         DPM         150         180         240         240         240         300         300         300         300         420           P <sub>R</sub> .0.0         .0.0	z		Throw	6 9 15	7 11 17	8 13 18	10 14 20	11 15 21	12 16 22	13 16 23	14 17 24	15 18 25	15 19 26
here         Pr         OZ         O3         O			CFM	150	180	210	240	270	300	330	360	390	420
Her         Pr         OO         O        OO        OO <td></td> <td></td> <td></td> <td>02</td> <td>03</td> <td>04</td> <td>06</td> <td>07</td> <td>09</td> <td>11</td> <td>13</td> <td>15</td> <td>18</td>				02	03	04	06	07	09	11	13	15	18
NC         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···<         ···< <td>9</td> <td>40"</td> <td></td>	9	40"											
Image         Trane         T<         T		40	-										
OFM         130         215         220         285         320         380         430         440         446         500           60*         P         0.02         0.03         0.04         0.5         0.07         0.68         100         112         144         18           NC         -10         13         10         14         18         23         23         35         42         49         55           NC         -10         13         10         115         15         150         170         185         225         220         240           P         0.03         0.04         0.66         0.7         0.09         12         116         117         213         214 </td <td></td> <td></td> <td>NC</td> <td>&lt;10</td> <td>14</td> <td>19</td> <td>23</td> <td></td> <td>31</td> <td></td> <td></td> <td>40</td> <td></td>			NC	<10	14	19	23		31			40	
Pi         D2         03         04         05         0.7         08         1.0         1.2         1.4         1.6           Pi         D2         11         16         13         16         2         23         22         35         4.2         40         55           NC         C10         11         16         9         3         21         16         23         22         35         4.2         41         43         3           Pi         0.3         0.4         0.6         0.7         0.9         170         146         255         220         224         22         220         224         22         220         224         22         220         224         22         220         224         22         220         224         22         220         224         22         220         224         22         220         22         220         22         220         22         220         22         220         22         220         22         22         22         22         22         22         22         22         22         22         22         22         22         22			Throw	7 10 18	8 12 19	9 14 21	11 16 22	12 17 24	13 18 25	15 18 26	16 19 27	16 20 28	17 21 29
Pi         D2         03         04         05         0.7         08         1.0         1.2         1.4         1.6           Pi         D2         11         16         13         16         2         23         22         35         4.2         40         55           NC         C10         11         16         9         3         21         16         23         22         35         4.2         41         43         3           Pi         0.3         0.4         0.6         0.7         0.9         170         146         255         220         224         22         220         224         22         220         224         22         220         224         22         220         224         22         220         224         22         220         224         22         220         224         22         220         22         220         22         220         22         220         22         220         22         220         22         22         22         22         22         22         22         22         22         22         22         22         22         22			CFM	180	215	250	285	320	360	395	430	465	500
B0"         Pr.        0         .				02	03	04	05	07	08	10	12	14	16
Image: No.             2         27         32         32         35         37         41         43         33           Trow         7         11         19         13         11         17         24         13         18         26         14         19         27         16         28         77         21         30         18         23         18         28         77         21         30         18         23         18         28         77         0.9         170         185         207         220         230         30		60"											
Image         Trade         Trade <t< td=""><td></td><td>00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>		00											
Line         CFM         80         100         115         135         150         170         185         205         220         220           Pr         .03         .04         .05         .07         .09         .12         1.14         .17         2.0         .23           Pr         .03         .04         .05         .07         .09         .12         1.14         .19         .20         .23           NC         <10         13         18         .23         .27         .30         13         .18         .19         .22         .28           GFM         115         140         115         140         155         .100         .13         .18         .10         .12         .14         191         .21         .240         .285         .230         .245         .230         .245         .230         .245         .230         .245         .230         .245         .245         .230         .245         .235         .245         .245         .245         .245         .245         .245         .245         .245         .245         .245         .245         .245         .245         .245         .245         .245 <td></td> <td></td> <td>NC</td> <td></td>			NC										
Pg         0.03         0.4         0.05         0.7         0.9         1.2         1.4         1.17         2.0         2.2           Pg         0.03         0.4         0.6         0.6         1.0         1.13         1.6         1.9         2.2         2.2         2.2           NC         -10         1.13         1.16         1.9         2.2 <th2.2< th=""> <th2.2< th=""> <th2.2< th=""></th2.2<></th2.2<></th2.2<>			Throw	7 11 19	9 13 21	10 15 23	11 17 24	13 18 26	14 19 27	16 20 28	17 21 30	18 22 31	18 23 32
Pg         0.03         0.4         0.05         0.7         0.9         1.2         1.4         1.17         2.0         2.2           Pg         0.03         0.4         0.6         0.6         1.0         1.13         1.6         1.9         2.2         2.2         2.2           NC         -10         1.13         1.16         1.9         2.2 <th2.2< th=""> <th2.2< th=""> <th2.2< th=""></th2.2<></th2.2<></th2.2<>													
24*         Pr         0.3         0.4         0.6         0.8         0.0         1.3         1.6         1.9         2.2         2.8           NC         -<10         1.8         2.3         2.7         3.0         3.3         3.6         3.9         3.7         3.9         3.7         3.9         3.7         3.7         3.9         3.7			CFM	80	100	115	135	150	170	185	205	220	240
P4*         P7         0.3         0.4         0.6         0.8         0.1         1.3         1.6         1.9         2.2         2.2           NC         <10         13         6         6         14         7         18         23         27         30         33         36         39         38         33         35           S6*         115         140         165         180         215         240         133         16         17         335           P7         0.3         0.22         0.4         0.55         0.66         0.66         0.10         1.12         1.8         19         2.2         2.3         3.3         3.3         3.3         3.3         3.3         3.3         3.3			Ps	.03	.04	.05	.07	.09	.12	.14	.17	.20	.23
NC         <10         13         16         27         90         33         36         NC         90         1         16         90         17         10         11         11         10         11		24"		.03	.04	.06	.08	.10	.13	.16	.19	.22	.26
Image         Throw         6         8         13         6         9         14         7         11         15         9         12         18         11         14         19         12         14         20         12         15         21         13         16         12         15         215         226         226         226         226         226         230         33           Pg         .02         .00         .00         .00         .01         .11         .13         .16         .19         .22         .28         .30         .33         .42           MC         <10         13         16         22         .26         .30         .36         .36         .39         .42         .33         .3         .42         .33         .42         .33         .42         .33         .42         .33         .42         .33         .42         .33         .42         .33         .43         .43         .43         .43         .43         .43         .43         .43         .43         .43         .43         .43         .43         .43         .43         .43         .43         .43         .43 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>													
$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$													
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$													
Mor         Mor <td></td> <td></td> <td>CFM</td> <td>115</td> <td>140</td> <td>165</td> <td>190</td> <td>215</td> <td>240</td> <td>265</td> <td>285</td> <td>310</td> <td>335</td>			CFM	115	140	165	190	215	240	265	285	310	335
Image: Normal and the second			Ps	.02	.04	.05	.06	.08	.10	.12	.15	.17	.20
NC         <10         13         18         22         28         30         34         37         39         42           Throw         6         9         150         180         210         240         270         300         34         37         24         15         16         17         10         13         15         15         16         16         17         10         13         16         10         17         11         11         17         24         13         18         25         15         18         26         16         13         27         16         20         28         17         21         20         23         23         23           60°     P     .02 <td></td> <td>36"</td> <td>Ρ<sub>τ</sub></td> <td>.03</td> <td>.05</td> <td>.06</td> <td>.08</td> <td>.11</td> <td>.13</td> <td>.16</td> <td>.19</td> <td>.22</td> <td>.26</td>		36"	Ρ <sub>τ</sub>	.03	.05	.06	.08	.11	.13	.16	.19	.22	.26
$ \begin target range r$				<10	13	18	22	26	30	34		39	
$ \begin target range r$													
AB*         Ps        02        03        04        06        07        99        11        13        15        18           AB*         Pr        33        55        77        99        11        16        20        23        27        27        23        27        23        27        23        23        27        23        27        23        27        23        27        23        23        27        23        26        27        23        26        27        23        26        23        26        23        26        23        26        23        26        20        23        26        21        25        29        23        26        20        23        26        20        23        26        20        23        26        20        23        21        21        21        21        21        21        21        21        21        21        21        21        21	_ ≤					I							
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	Ø			150	180	210	240	270	300	330	360	390	420
$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	- -		Ps	.02	.03	.04	.06	.07	.09	.11	.13	.15	.18
NC         <10         13         18         22         27         30         33         36         98         41           Throw         7         10         18         8         12         19         9         14         21         11         18         22         17         24         13         18         25         15         18         26         16         19         27         16         20         28         75         30         33         36         16         19         27         16         20         28         75         30         33         36         16         10         12         1.1         1 </td <td></td> <td>48"</td> <td>Ρ<sub>τ</sub></td> <td>.03</td> <td>.05</td> <td>.07</td> <td>.09</td> <td>.11</td> <td>.14</td> <td>.16</td> <td>.20</td> <td>.23</td> <td>.27</td>		48"	Ρ <sub>τ</sub>	.03	.05	.07	.09	.11	.14	.16	.20	.23	.27
Image: Product of the state of th				<10	13	18	22	27	30	33	36	38	41
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$													
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$													
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$													
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$			Ps	.02	.03	.04	.05	.07	.08	.10	.12	.14	.16
Image: Normal relation         Throw         7         11         19         9         13         21         10         15         23         11         17         24         13         18         26         14         19         27         16         20         28         17         21         30         18         22         31         18         23         32           24"         CFM         80         100         115         135         150         170         185         205         220         240           Pr         .03         .04         .05         .07         .09         .12         .14         .17         .20         .23           Pr         .03         .04         .06         .08         .10         .12         .14         .17         .18         .21         .24         .23         .24           MC         <10         12         17         9         12         17         9         12         13         13         18         12         .14         .14         19         12         14         13         18         .21         .23         .23         .23         .24 <tr< td=""><td></td><td>60"</td><td>PT</td><td>.04</td><td>.05</td><td>.07</td><td>.09</td><td>.12</td><td>.15</td><td>.18</td><td>.21</td><td>.25</td><td>.29</td></tr<>		60"	PT	.04	.05	.07	.09	.12	.15	.18	.21	.25	.29
Image: Normal line         Throw         7         11         19         9         13         21         10         15         23         11         17         24         13         18         26         14         19         27         16         20         28         17         21         30         18         22         31         18         23         32           24"         Pg         .03         .04         .05         .07         .09         .12         .14         .17         .20         .23           Pg         .03         .04         .05         .07         .09         .12         .14         .17         .20         .23           PT         .03         .04         .06         .08         .10         .12         .14         .17         .18         .21         .24         .24           NC         <10         12         17         9         12         17         9         12         17         9         13         18         11         19         11         14         19         12         15         .17         .20         .23           6          7 <t< td=""><td></td><td></td><td>NC</td><td>&lt;10</td><td>12</td><td>17</td><td>23</td><td>26</td><td>30</td><td>33</td><td>35</td><td>39</td><td>41</td></t<>			NC	<10	12	17	23	26	30	33	35	39	41
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$				7 11 19	9 13 21	10 15 23	11 17 24	13 18 26	14 19 27	16 20 28	17 21 30	18 22 31	18 23 32
$ \  \  \  \  \  \  \  \  \  \  \  \  \ $					5 10 21	.0 10 20		.0 10 20		.0 20 20	00		.0 20 02
$ \  \  \  \  \  \  \  \  \  \  \  \  \ $			CFM	80	100	115	135	150	170	185	205	220	240
$ \begin to triangle interval and triangle $													
$ \  \  \  \  \  \  \  \  \  \  \  \  \ $		24"											
$ \  \  \  \  \  \  \  \  \  \  \  \  \ $		24											
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			NC						· · · ·				
$ \  \  \  \  \  \  \  \  \  \  \  \  \ $			Throw	5 8 13	6 9 14	7 11 15	9 12 17	9 12 18	11 13 19	11 14 19	12 14 20	12 15 21	13 16 22
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			CFM	115	140	165	190	215	240	265	285	310	335
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$													
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		36"											
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		50											
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$													
$ \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	≤		Throw	6 9 15	7 11 17	8 13 18	10 14 20	11 15 21	12 16 22	13 16 23	14 17 24	15 18 25	15 19 26
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Q		CFM	150	180	210	240	270	300	330	360	390	420
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			Ps	.02	.03	.04	.06	.07	.09	.11	.13	.15	.18
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	-	48"											
Throw         7         10         18         8         12         19         9         14         21         11         16         22         12         13         18         25         15         18         26         16         19         27         16         20         28         17         21         29           CFM         180         215         250         285         320         360         395         430         465         500           Ps         .02         .03         .04         .05         .07         .08         .10         .12         .14         .16         .16         .10         .12         .14         .16         .16         .10         .11         .16         .11 <td< td=""><td></td><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		10											
CFM         180         215         250         285         320         360         395         430         465         500           P <sub>S</sub> .02         .03         .04         .05         .07         .08         .10         .12         .14         .16           P <sub>T</sub> .03         .04         .05         .07         .09         .11         .13         .16         .18         .21           NC         <10													
Ps         .02         .03         .04         .05         .07         .08         .10         .12         .14         .16           60"         PT         .03         .04         .05         .07         .09         .11         .13         .16         .18         .21           NC         <10         12         17         22         25         29         32         35         38         40			Throw	7 10 18	8 12 19	9 14 21	11 16 22	12 17 24	13 18 25	15 18 26	16 19 27	16 20 28	17 21 29
60"         P <sub>T</sub> .03         .04         .05         .07         .09         .11         .13         .16         .18         .21           NC         <10			CFM	180	215	250	285	320	360	395	430	465	500
60"         P <sub>T</sub> .03         .04         .05         .07         .09         .11         .13         .16         .18         .21           NC         <10			Ps	.02	.03	.04	.05	.07	.08	.10	.12	.14	.16
NC <10 12 17 22 25 29 32 35 38 40		60"											
L Inrow 7 11 19 9 13 21 10 15 23 11 17 24 13 18 26 14 19 27 16 20 28 17 21 30 18 22 31 18 23 32													
	1		Throw	7   11   19	9 13 21	10 15 23	11 17 24	13 18 26	14 19 27	16 20 28	17 21 30	18 22 31	18 23 32

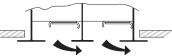
For performance data notes, see page FF-11.

For software selection, download Anemostat's FLO software (www.anemostat-hvac.com)

performance data supply

36 21 26 37 22 27 38

#### FF-150 (1-1/2" SLOT) - 2 SLOTS - HORIZONTAL PATTERN (ATTACHED JET)



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<b>(</b> )			CFM	160	190	220	255	285	315	345	380	410	4
			Ps	.03	.04	.05	.06	.08	.10	.12	.14	.17	
<u>x</u>		24"	P <sub>T</sub>	.07	.09	.13	.17	.21	.26	.31	.38	.44	
Ĕ _			NC	<10	16	21	26	29	33	37	39	42	
			Throw	7 11 18	8 13 20	10 15 21	11 16 23	13 17 24	14 18 25	15 19 27	16 20 28	17 20 29	17
~			CFM	240	280	320	360	400	440	480	520	560	
Ľ,			Ps	.03	.03	.05	.06	.07	.09	.10	.12	.14	
ಕ		36"	P <sub>T</sub>	.12	.16	.21	.27	.33	.40	.47	.56	.65	
ē	Ø INLET		NC	12	18	22	27	30	33	37	39	43	
Ē	Z		Throw	9 13 22	10 15 24	12 17 26	13 19 27	15 20 29	16 21 30	17 22 31	19 23 33	20 24 34	20
Architectural Diffusers			CFM	280	330	380	425	475	525	575	620	670	
4	e_		Ps	.02	.03	.04	.05	.06	.07	.08	.10	.11	
		48"	P <sub>T</sub>	.15	.20	.27	.34	.42	.51	.62	.72	.84	
			NC	<10	15	20	24	29	32	36	38	42	
			Throw	9 13 24	10 16 26	12 18 28	13 20 30	15 22 31	17 23 33	18 24 34	20 25 36	21 26 37	22
			CFM	350	405	460	515	570	630	685	740	795	1
		60"	P <sub>s</sub>	.02	.03	.03 .38	.04	.05	.06	.07	.09 .97	.10 1.12	4
A		00	P <sub>T</sub> NC	.22	.29 17	.30	.47	.38	32	.83	40	42	
			Throw	10 15 27	11 17 29	13 19 31	15 22 32	16 24 34	18 25 36	19 26 37	21 28 39	22 29 40	24
			THIOW	10 13 27	11 17 23		10 22 02	10 24 34	10 23 30	13 20 37	21 20 33	22 23 40	24
			CFM	180	210	240	265	295	325	355	380	410	4
			Ps	.03	.04	.06	.07	.09	.11	.12	.15	.17	
		24"	PT	.05	.07	.09	.11	.13	.16	.19	.22	.25	
			NC	13	18	22	26	30	33	35	38	40	
			Throw	8 12 19	9 14 21	11 16 22	12 16 23	13 17 25	14 18 26	16 19 27	16 20 28	17 20 29	17
			CFM	240	280	320	360	400	440	480	520	560	6
		36"	P <sub>s</sub> P <sub>T</sub>	.03	.03	.05 .10	.06	.07 .15	.09 .18	.10	.12 .26	.14 .30	
		- 30	NC	.00	17	21	25	28	32	35	37	40	
	Ø INLET		Throw	9 13 22	10 15 24	12 17 26	13 19 27	15 20 29	16 21 30	17 22 31	19 23 33	20 24 34	20
			CFM	320	370	420	465	515	565	615	660	710	20
	-8		Ps	.03	.03	.04	.05	.07	.08	.09	.11	.13	
	ω	48"	PT	.08	.10	.13	.16	.20	.24	.29	.33	.38	
			NC	13	18	22	26	29	32	36	38	41	
			Throw	10 15 26	12 17 28	13 20 29	15 22 31	16 23 32	18 24 34	19 25 35	21 26 37	22 27 38	23
			CFM	350	415	485	550	615	685	750	815	885	ę
			Ps	.02	.03	.04	.05	.06	.07	.09	.11	.12	
		60"	PT	.08	.12	.16	.20	.25	.31	.38	.45	.53	
			NC	10	15	21	25	30	33	36	40	42	
			Throw	10 15 27	12 18 29	14 20 32	15 23 34	17 25 35	19 26 37	21 28 39	23 29 41	25 30 43	25
			CFM	180	210	240	265	295	325	355	380	410	2
			Ps	.03	.04	.06	.07	.09	.11	.12	.15	.17	
		24"	PT	.04	.05	.07	.09	.11	.13	.15	.18	.20	
			NC	13	18	22	25	29	32	34	37	40	
			Throw	8 12 19	9 14 21	11 16 22	12 16 23	13 17 25	14 18 26	16 19 27	16 20 28	17 20 29	17
			CFM	240	280	320	360	400	440	480	520	560	
			Ps	.03	.03	.05	.06	.07	.09	.10	.12	.14	
	E	36"	P <sub>T</sub>	.04	.05	.07	.08	.10	.13	.15	.18	.20	
	Ø INLET		NC	11	16	20	24	27	31	34	36	39	
			Throw	9 13 22	10 15 24	12 17 26	13 19 27	15 20 29	16 21 30	17 22 31	19 23 33	20 24 34	20
	l Q ₌		CFM	320	370	420	465	515	565	615	660	710	7
	10"	4.01	P <sub>s</sub>	.03	.03	.04	.05	.07	.08	.09	.11	.13	
		48"	PT	.05	.06	.08	.10	.12	.15	.17	.20	.23	
			NC	12	17	22	25	28	31	34	36	40	22
			Throw	10 15 26	12 17 28	13 20 29	15 22 31		18 24 34	19 25 35	21 26 37	22 27 38	23
		1	CFM	370	435	500	565	630	690	755	820	885	5

For performance data notes, see page FF-11.

.02

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For software selection, download Anemostat's FLO software (www.anemostat-hvac.com)

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10 16 28 12 18 30 14 21 32 16 24 34 18 25 36 19 27 38 21 28 39 23 29 41 25

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### Anemostat

60"

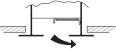
 $\mathsf{P}_{\mathsf{S}}$ 

Ρ<sub>T</sub>

NC

Throw

#### FF-200 (2" SLOT) - 1 SLOT - HORIZONTAL PATTERN (ATTACHED JET)



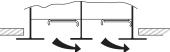
		CFM	80	105	130	155	180	200	225	250	275	300
		Ps	.01	.02	.03	.05	.06	.08	.11	.13	.16	.18
	0.4"											
	24"	PT	.02	.04	.06	.09	.12	.15	.19	.23	.28	.33
		NC	<10	15	20	25	29	32	35	38	41	43
		Throw	4 7 13	6 9 15	7 11 17	8 13 18	10 14 20	11 15 21	12 16 22	13 17 23	14 17 24	15 18 26
		CFM	105	140	175	210	245	280	315	350	385	420
		Ps	.01	.02	.03	.04	.05	.07	.09	.11	.14	.16
	201											
⊢	36"	P <sub>T</sub>	.03	.05	.08	.11	.15	.20	.25	.31	.38	.45
ш		NC	<10	14	20	25	29	33	36	39	42	44
INLET		Throw	5 7 14	6 9 17	8 12 20	9 14 21	11 16 23	12 17 25	14 19 26	16 20 28	17 20 29	17 21 30
Ø		CFM	140	180	225	265	310	350	395	435	480	520
6" (		Ps	.01	.02	.03	.04	.05	.06	.08	.10	.12	.14
9	48"	P <sub>T</sub>	.04	.07	.11	.15	.20	.26	.33	.40	.49	.58
	40											
		NC	<10	15	21	26	29	34	36	39	42	44
		Throw	5 8 16	7 10 20	9 13 22	10 15 24	12 18 26	13 20 28	15 21 29	17 22 31	18 23 32	19 24 34
		CFM	175	220	270	315	365	410	460	505	555	600
		Ps	.01	.02	.02	.03	.04	.06	.07	.08	.10	.12
	60"	PT	.06	.09	.14	.19	.26	.33	.41	.50	.60	.70
		NC	<10	16	22	26	30	33	37	39	42	44
		Throw	6 9 18	8 11 22	9 14 24	11 16 26	13 19 28	14 21 30	16 22 32	17 23 33	19 25 35	21 26 36
		CFM	90	115	140	165	190	220	245	270	295	320
	- ···	Ps	.02	.03	.04	.06	.08	.10	.12	.15	.18	.21
	24"	P <sub>T</sub>	.02	.03	.05	.07	.09	.12	.15	.19	.22	.26
		NC	11	17	22	26	30	33	36	39	41	43
		Throw	5 7 14	6 9 16	8 11 17	9 13 19	10 14 20	12 15 22	13 16 23	14 17 24	15 18 25	15 19 26
		CFM	120	155	195	230	265	305	340	375	415	450
		Ps	.01	.02	.03	.05	.06	.08	.11	.13	.16	.18
	201											
⊢	36"	PT	.02	.03	.05	.08	.10	.13	.16	.20	.24	.29
ш		NC	<10	17	22	26	31	34	37	39	41	44
INLET		Throw	5 8 16	7 10 18	9 13 21	10 15 22	12 17 24	14 18 26	15 19 27	17 20 29	17 21 30	18 22 31
Ø		CFM	160	205	250	295	340	380	425	470	515	560
8" (		Ps	.01	.02	.03	.04	.06	.08	.09	.11	.14	.16
œ	48"	PT	.03	.04	.06	.09	.12	.15	.19	.23	.27	.32
	-10			17	22	27	31	34		40		
		NC	11						36		42	44
		Throw	6 9 18	8 12 21	10 14 23	11 17 25	13 19 27	15 20 29	16 22 30	18 23 32	19 24 33	20 25 35
		CFM	200	255	305	360	410	465	515	570	620	675
		Ps	.01	.02	.03	.04	.06	.07	.09	.11		
	60"						.00	.07	.00	. ! !	.13	.15
		PT	.03	.05	.08	.11	.14	.18	.00	.11	.13 .32	.15
		P <sub>T</sub>	.03				.14	.18	.22	.27	.32	.38
1		NC	.03 12	18	24	28	.14 31	.18 35	.22 38	.27 40	.32 43	.38 45
			.03				.14	.18	.22	.27	.32	.38
		NC Throw	.03 12 7 10 21	18 9 13 24	24 11 16 26	28 12 19 28	.14 31 14 21 30	.18 35 16 23 32	.22 38 18 24 33	.27 40 20 25 35	.32 43 21 26 37	.38 45 22 27 38
		NC Throw CFM	.03 12 7 10 21 90	18 9 13 24 120	24 11 16 26 145	28 12 19 28 175	.14 31 14 21 30 200	.18 35 16 23 32 230	.22 38 18 24 33 255	.27 40 20 25 35 285	.32 43 21 26 37 310	.38 45 22 27 38 340
		NC Throw CFM Ps	.03 12 7 10 21 90 .02	18 9 13 24 120 .03	24 11 16 26 145 .04	28 12 19 28 175 .06	.14 31 14 21 30 200 .08	.18 35 16 23 32 230 .11	.22 38 18 24 33 255 .14	.27 40 20 25 35 285 .17	.32 43 21 26 37 310 .20	.38 45 22 27 38 340 .24
	24"	NC Throw CFM P <sub>s</sub> P <sub>T</sub>	.03 12 7 10 21 90 .02 .02	18       9     13     24       120     .03       .03     .03	24 11 16 26 .04 .05	28 12 19 28 175 .06 .07	.14 31 14 21 30 200 .08 .09	.18 35 16 23 32 230 .11 .12	.22 38 18 24 33 255 .14 .15	.27 40 20 25 35 285 .17 .18	.32 43 21 26 37 310 .20 .22	.38 45 22 27 38 340 .24 .26
		NC Throw CFM Ps	.03 12 7 10 21 90 .02 .02 10	18 9 13 24 120 .03 .03 17	24 11 16 26 145 .04 .05 23	28 12 19 28 175 .06 .07 27	.14 31 14 21 30 200 .08 .09 31	.18 35 16 23 32 230 .11 .12 .34	.22 38 18 24 33 255 .14 .15 .37	.27 40 20 25 35 285 .17 .18 .18 .39	.32 43 21 26 37 310 .20 .22 42	.38 45 22 27 38 340 .24 .26 44
		NC Throw CFM P <sub>s</sub> P <sub>T</sub>	.03 12 7 10 21 90 .02 .02	18       9     13     24       120     .03       .03	24 11 16 26 .04 .05	28 12 19 28 175 .06 .07	.14 31 14 21 30 200 .08 .09	.18 35 16 23 32 230 .11 .12	.22 38 18 24 33 255 .14 .15	.27 40 20 25 35 285 .17 .18	.32 43 21 26 37 310 .20 .22	.38 45 22 27 38 340 .24 .26
		NC Throw CFM P <sub>S</sub> P <sub>T</sub> NC	.03 12 7 10 21 90 .02 .02 10	18 9 13 24 120 .03 .03 17	24 11 16 26 145 .04 .05 23	28 12 19 28 175 .06 .07 27	.14 31 14 21 30 200 .08 .09 31	.18 35 16 23 32 230 .11 .12 .34	.22 38 18 24 33 255 .14 .15 .37	.27 40 20 25 35 285 .17 .18 .18 .39	.32 43 21 26 37 310 .20 .22 42	.38 45 22 27 38 340 .24 .26 44
		NC Throw P <sub>S</sub> P <sub>T</sub> NC Throw CFM	.03 12 7 10 21 90 .02 .02 .02 10 5 7 14	18       9     13     24       120     .03       .03     .03       17     10     16	24 11 16 26 .04 .05 23 8 12 18	28 12 19 28 .06 .07 27 10 14 20	.14 31 14 21 30 200 .08 .09 31 11 15 21	.18 35 16 23 32 230 .11 .12 .12 .34 13 16 22	.22 38 18 24 33 255 .14 .15 .37 14 17 24	.27 40 20 25 35 285 .17 .18 .18 .39 14 18 25	.32 43 21 26 37 .20 .22 .22 42 15 18 26	.38 45 22 27 38 .24 .24 .26 .44 16 19 27
	24"	NC Throw CFM P <sub>S</sub> P <sub>T</sub> NC Throw CFM P <sub>S</sub>	.03 12 7 10 21 .02 .02 .02 10 5 7 14 .135 .02	18           9         13         24           120         .03         .03           .03         .03         .03           7         10         16           175         .03         .03	-24           11         16         26           -04         -         -           -05         -         -           23         -         -           8         12         18           210         -         -	28           12         19         28           .06         .07         .07           27         .00         .02           10         14         20           250         .06         .06	.14 31 14 21 30 .08 .09 31 11 15 21 290 .08	.18 35 16 23 32 230 .11 .12 .34 13 16 22 325 .10	.22           38           18         24           .14         .33           .15         .37           .14         .12           .14         .24	.27 40 20 25 35 .17 .18 39 14 18 25 405 .15	.32 43 21 26 37 .20 .22 42 15 18 26 .440 .18	.38 45 22 27 38 .24 .26 44 16 19 27 480 .21
ET		NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC Throw CFM P <sub>s</sub> P <sub>T</sub>	.03 12 7 10 21 .02 .02 .02 10 5 7 14 .135 .02 .02	18           9         13         24           120         .03         .03           07         10         16           175         .03         .03           .03         .03         .03	-24           11         16         26           -04         -         -           -05         -         -           210         -         18           210         -         -           .04         -         -	28           12         19         28           .06         .07           .07         .01           .01         14         20           .05         .06           .06         .07	.14 31 200 .08 .09 31 11 15 21 290 .08 .09	.18 35 16 23 32 230 .11 .12 .32 13 16 22 325 .10 .12	.22           38           18         24           .14         .33           .15         .44           .15         .44           .15         .44           .16         .12           .12         .15	.27 40 20 25 35 .17 .18 39 14 18 25 405 .15 .18	.32 43 21 26 37 .20 .22 42 15 18 26 .440 .18 .22	.38 45 22 27 38 .24 .26 44 16 19 27 480 .21 .26
NLET	24"	NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC	.03 12 7 10 21 .02 .02 .02 10 5 7 14 .135 .02 .02 .02 .02 .12	18           9         13         24           120         .03         .03           .07         10         16           175         .03         .03           .03         .03         .03           .03         .03         .03	-24           11         16         26           -04         -         -           -05         -         -           210         -         18           210         -         -           .04         -         -           .05         -         -           .04         -         -           .05         -         -           .05         -         -	28           12         19         28           .06         .07           27         .00         .02           .00         .03         .03           .05         .06         .03           .07         .03         .03           .03         .03         .03           .04         .03         .03           .05         .03         .03           .03         .03         .03	.14 31 200 .08 .09 31 11 15 21 290 .08 .09 32	.18 35 16 23 32 .11 .12 .12 .13 16 22 .325 .10 .12 .35	.22           38           18         24           .14         .33           .15         .44           .15         .44           .15         .44           .16         .12           .12         .15           .365         .37	.27 40 20 25 35 .17 .18 39 14 18 25 405 .15 .18 40	.32 43 21 26 37 .20 .22 42 15 18 26 .440 .18 .22 .43	.38 45 22 27 38 .24 .26 44 16 19 27 480 .21 .26 45
3 INLET	24"	NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC Throw	.03 7 10 21 .02 .02 .02 .02 .02 .03 .02 .02 .02 .02 .02 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	18           9         13         24           120	-24           11         16         26           -04         -         -           -05         -         -           210         -         18           210         -         -           .04         -         -           .05         -         -           .04         -         -           .05         -         -           .04         -         -           .05         -         -           .04         -         -	-28           12         19         28           -00         -         -           -07         -         -           250         -         -           -06         -         -           -07         -         -           250         -         -           -07         -         -           28         -         -           11         17         23	.14 31 14 21 30 .08 .09 31 11 15 21 290 .08 .09 32 13 18 25	.18           35           16         23         32           .11         .12           .12         .13           13         16         22           .10         .12         .12           .10         .12         .13           .11         .12         .13           .12         .13         .14	.22           38           24         33           .14         .3           .15         .4           .14         .1           .15         .4           .16         .24           .15         .4           .15         .4           .12         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .5           .16         .20	.27           40           20         25         35           .17	.32 43 21 26 37 .20 .22 42 15 18 26 .440 .18 .22 43 18 22 31	.38 45 22 27 38 .24 .26 44 16 19 27 .480 .21 .26 45 19 23 32
Ø INLET	24"	NC Throw CFM P <sub>S</sub> P <sub>T</sub> NC Throw CFM P <sub>S</sub> P <sub>T</sub> NC Throw CFM	.03 7 10 21 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02	18           9         13         24           120	-         -	-28           12         19         28           -00         -         -           -07         -         -           -01         14         20           -05         -         -           -06         -         -           -07         -         -           -08         -         -           -09         -         -           -01         14         20           -02         -         -           -03         -         -           -04         -         -           -05         -         -           -05         -         -           -05         -         -           -07         -         -           -08         -         -           -09         -         -           -01         17         23           -02         -         -	.14           31           14         21         30           .08         .09           .09         .01           .11         15         21           .09         .08         .09           .08         .09         .03           .09         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03	.18           35           16         23         32           .11         .12           .12         .13         16         22           .12         .10         .12         .12           .12         .10         .12         .12           .12         .35         .12         .12           .12         .35         .13         .14         .12           .35         .35         .35         .35           .14         .19         .27         .380	.22           38           24         33           .14         7           .15         .14           .17         24           .365         .12           .15         .13           .12         .15           .13         .12           .14         .13           .15         .33           .15         .33           .16         20         28           .425         .34	.27           40           20         25         35           .17         .           .18         .           40         .         .           .15         .         .           .15         .         .           .17         2.0         .           .18         .         .           .17         2.1         .           .17         2.1         .	.32           43           21         26         37           .20         .22           42         .21           15         18         26           .40         .22         .31           .18         .22         .31           .18         .22         .31           .18         .22         .31           .18         .22         .31	.38 45 22 27 38 .24 .24 .26 44 16 19 27 .480 .21 .26 45 19 23 32 .560
0ØINLET	24"	NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC Throw	.03 7 10 21 .02 .02 .02 .02 .02 .03 .02 .02 .02 .02 .02 .02 .02 .02 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	18           9         13         24           120	-24           11         16         26           -04         -         -           -05         -         -           210         -         18           210         -         -           .04         -         -           .05         -         -           .04         -         -           .05         -         -           .04         -         -           .05         -         -           .04         -         -	-28           12         19         28           -00         -         -           -07         -         -           250         -         -           -06         -         -           -07         -         -           250         -         -           -07         -         -           28         -         -           11         17         23	.14 31 14 21 30 .08 .09 31 11 15 21 290 .08 .09 32 13 18 25	.18           35           16         23         32           .11         .12           .12         .13           13         16         22           .10         .12         .12           .10         .12         .13           .11         .12         .13           .12         .13         .14	.22           38           24         33           .14         .3           .15         .4           .14         .1           .15         .4           .16         .24           .15         .4           .15         .4           .12         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .4           .15         .5           .35         .5	.27           40           20         25         35           .17	.32 43 21 26 37 .20 .22 42 15 18 26 .440 .18 .22 43 18 22 31	.38 45 22 27 38 .24 .26 44 16 19 27 .480 .21 .26 45 19 23 32
10" Ø INLET	24"	NC Throw CFM P <sub>S</sub> P <sub>T</sub> NC Throw CFM P <sub>S</sub> P <sub>T</sub> NC Throw CFM	.03 7 10 21 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02	18           9         13         24           120	-         -	-28           12         19         28           -00         -         -           -07         -         -           -01         14         20           -05         -         -           -06         -         -           -07         -         -           -08         -         -           -09         -         -           -01         14         20           -02         -         -           -03         -         -           -04         -         -           -05         -         -           -05         -         -           -05         -         -           -07         -         -           -08         -         -           -09         -         -           -01         17         23           -02         -         -	.14           31           14         21         30           .08         .09           .09         .01           .11         15         21           .09         .08         .09           .08         .09         .03           .09         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03	.18           35           16         23         32           .11         .12           .12         .13         16         22           .12         .10         .12         .12           .12         .10         .12         .12           .12         .35         .12         .12           .12         .35         .13         .14         .14	.22           38           24         33           .14         7           .15         .14           .17         24           .365         .12           .15         .13           .12         .15           .13         .12           .14         .13           .15         .33           .15         .33           .16         20         28           .425         .34	.27           40           20         25         35           .17         .           .18         .           40         .         .           .15         .         .           .15         .         .           .17         2.0         .           .18         .         .           .17         2.1         .           .17         2.1         .	.32           43           21         26         37           .20         .22           42         .21           15         18         26           .40         .22         .22           43         .22         .31           .18         .22         .31           18         .22         .31           18         .22         .31           515         .515         .515	.38 45 22 27 38 .24 .24 .26 44 16 19 27 .480 .21 .26 45 19 23 32 .560
10" Ø INLET	24" 36"	NC           Throw           CFM           Ps           PT	.03 7 10 21 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02	18           9         13         24           120	-         -	-28           12         19         28           -00         -         -           -07         -         -           -08         -         -           -09         -         -         -           -00         -         -         -           -00         -         -         -         -           -00         -	.14           31           14         21         30           .08         .09           .09         .01           .11         15         21           .09         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .04         .05           .04         .06         .03	.18           35           16         23         32           .11         .12           .12         .13         16         22           .12         .10         .12         .12           .12         .325         .10         .12           .12         .35         .12         .12           .35         .35         .35         .14           .14         .19         .27         .380           .08         .08         .11         .11	.22           38           24         33           .14         7           .15         .14           .17         24           .365         .12           .15         .13           .12         .15           .13         .24           .14         .15           .15         .12           .15         .13           .16         20         28           .425         .13	.27           40           20         25         35           .17	.32           43           21         26         37           .20         .22           42         .18         26           .18         .22         .43           .18         .22         .31           .18         .22         .31           .18         .22         .31           .18         .21         .31           .18         .21         .31           .18         .22         .31           .14         .14         .19	.38 22 27 38 24 27 38 .24 .26 44 16 19 27 .480 .21 .26 45 19 23 32 .560 .16 .23
10" Ø INLET	24" 36"	NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC	.03 7 10 21 .02 .02 .02 .02 .02 .02 .02 .02 .02 .02	18           9         13         24           120         .03         .03           07         10         16           175         .03         .03           .03         .03         .03           9         8         12         20           .02         .03         .03           .03         .03         .03	-24           11         16         26           -145         -         -           -05         -         18           210         -         18           210         -         -           03         12         18           04         -         -           05         -         -           9         14         21           9         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -           05         -         -	-28           12         19         28           -00         -         -           -07         -         -           -08         -         -           -00         -         -         -           -01         14         20         -         -           -05         -	.14           31           14         21         30           .08         .09           .09         .01           .11         15         21           .09         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03	.18           35           16         23         32           .11         .12           .32         .13         16         22           .32         .10         .12         .12           .12         .325         .10         .12           .12         .35         .12         .12           .35         .35         .13         .14         .19         .27           .380	.22           38           24         33           .14         24           .15         .14           .17         24           .365         .12           .15         .13           .12         .15           .13         .12           .14         .12           .15         .13           .16         20         28           .25         .13           .13         .13           .36         .13		.32           43           21         26         37           .20         .22           42         .21           15         18         26           .40         .22         .22           43         .22         .31           .18         .22         .31           .18         .22         .31           .18         .21         .31           .18         .21         .31           .19         .14         .19           .41         .31         .31	.38           22         27         38           .24         .24           .26         .24           .41         16         19         27           .40         .21         .26         .21           .26         .21         .26         .21           .26         .25         .21         .26           .25         .25         .23         .32           .16         .23         .23         .23           .23         .23         .23         .23
10" Ø INLET	24" 36"	NC           Throw           CFM           Ps           PT           NC           Throw	.03           12           7         10         21           .02         .02           .03         .03           .04         .05           .05         7         14           .05         .02         .02           .02         .02         .02           .02         .02         .02           .02         .02         .02           .02         .02         .02           .03         .03         .03           .04         .01         .03           .05         .01         .03           .02         .03         .03           .03         .04         .04           .04         .05         .04           .05         .05         .05           .05         .05         .05           .05         .05         .05           .05         .05         .05           .05         .05         .05           .05         .05         .05           .05         .05         .05           .05         .05         .05           .05         .05         .05<	18           9         13         24           120         .03         .03           0.7         10         16           175         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .02         .02         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03           .03         .03         .03	ITI         16         26           11         16         26           ITI         ITI         ITI           ITI         ITI         18           ITI         ITI         ITI	-28           12         19         28           -00         -         -           -07         -         -           -08         -         -           -09         -         -         -           -00         -         -         -           -00         -         -         -         -           -01         14         20         -	.14           31           14         21         30           .08         .09           .09         .01           .09         .02           .03         .03           .03         .03           .03         .03           .03         .03           .03         .03           .03         .03           .03         .03           .03         .04           .05         .04           .06         .08           .08         .03           .03         .04	.18           35           16         23         32           .11         .12           .32         .13         16         22           .32         .10         .12         .12           .12         .325         .14         .19         .27           .34         .19         .27         .38         .14         .19         .27           .41         .19         .27         .38         .14         .19         .27           .35         .38         .38         .32         .33         .33         .33         .33         .33         .33         .33         .33         .33         .33         .33         .33         .34	.22           38           24           33           .14           .15           .36           .12           .15           .12           .13           .14           .15           .12           .13           .14           .15           .15           .15           .15           .15           .15           .15           .15           .15           .15           .15           .15           .15           .15           .16           .17           .18           .19           .11           .12           .13           .14           .15           .15           .16           .16           .17		.32           43           21         26         37           .20         .22           42         .23           15         18         26           .40         .22         .31           .18         .22         .31           .18         .22         .31           .18         .21         .31           .14         .14         .14           .19         .41         .33	.38           22         27         38           .24         .24           .25         .24           .26         .24           .40         .21           .26         .21           .26         .21           .26         .21           .26         .21           .26         .23           .27         .32           .26         .23           .27         .23           .23         .23           .23         .23           .20         .25
10" Ø INLET	24" 36"	NC           Throw           CFM           Ps           PT           NC           Throw           CFM	.03           12           7         10         21           .02         .02           .03         .03           .04         .05           .05         7         14           .05         .02         .02           .02         .02         .02           .02         .02         .02           .02         .02         .03           .03         .03         .03           .04         .01         .01           .05         .02         .02           .01         .03         .03           .03         .03         .03           .04         .04         .04           .05         .05         .05           .06         .01         .04           .05         .04         .05           .05         .04         .05           .05         .05         .05           .06         .04         .18           .05         .05         .05	-18           9         13         24           -03         -         -           -03         -         -         -           7         10         16         -         -           -03         -         -         -         -           -03         -	-         -	-28           12         19         28           -00         -         -           -07         -         -           -08         -         -           -01         14         20         -           -05         -         -         -           -06         -         -         -           11         17         23         -         -           -06         - <td>.14           31           14         21         30           .08         .09           .09         .01           .09         .02           .03         .03           .03         .03           .03         .03           .03         .03           .03         .03           .03         .04           .05         .03           .06         .03           .03         .04           .03         .04           .03         .04           .03         .04           .03         .04</td> <td>.18           32           16         23         32           .11         .12           .32         .13         16         22           .32         .10         .12         .12           .12         .325         .13         .14         .12           .12         .325         .14         .19         .27           .380        </td> <td>.22           38           24         33           .14         24           .15         .14           .17         24           .16         20         28           .12         .15         .12           .15         .12         .13           .16         20         28           .25         .13         .13           .16         .20         28           .13         .13         .13           .16         .20         .20           .13         .13         .13           .26         .27         .30           .27         .28         .30           .36         .20         .20</td> <td></td> <td>.32           43           21         26         37           .20         .22           42         .23           15         18         26           .40         .22         .31           .18         .22         .31           .18         .22         .31           .14         .14         .19           .19         .24         .33           .620         .43         .33</td> <td>.38           22         27         38           .24         .24           .26         .44           16         19         27           .40         .21         .26           .21         .26         .21           .26         .21         .26           .21         .26         .21           .26         .23         .32           .560         .32         .32           .16         .23         .32           .20         .25         .35           .675         .35         .35</td>	.14           31           14         21         30           .08         .09           .09         .01           .09         .02           .03         .03           .03         .03           .03         .03           .03         .03           .03         .03           .03         .04           .05         .03           .06         .03           .03         .04           .03         .04           .03         .04           .03         .04           .03         .04	.18           32           16         23         32           .11         .12           .32         .13         16         22           .32         .10         .12         .12           .12         .325         .13         .14         .12           .12         .325         .14         .19         .27           .380	.22           38           24         33           .14         24           .15         .14           .17         24           .16         20         28           .12         .15         .12           .15         .12         .13           .16         20         28           .25         .13         .13           .16         .20         28           .13         .13         .13           .16         .20         .20           .13         .13         .13           .26         .27         .30           .27         .28         .30           .36         .20         .20		.32           43           21         26         37           .20         .22           42         .23           15         18         26           .40         .22         .31           .18         .22         .31           .18         .22         .31           .14         .14         .19           .19         .24         .33           .620         .43         .33	.38           22         27         38           .24         .24           .26         .44           16         19         27           .40         .21         .26           .21         .26         .21           .26         .21         .26           .21         .26         .21           .26         .23         .32           .560         .32         .32           .16         .23         .32           .20         .25         .35           .675         .35         .35
10" Ø INLET	24" 36" 48"	NC           Throw           CFM           Ps           PT           NC           Throw           CFM           Ps	.03           12           7         10         21           .02         .02           .03         .03           .04         .05           .05         7         14           .05         .02         .02           .02         .02         .02           .02         .02         .02           .02         .02         .03           .03         .03         .03           .04         .01         .03           .05         .01         .03           .05         .03         .03           .05         .03         .03           .05         .04         .03           .05         .05         .04           .06         .03         .18           .05         .04         .01	18           9         13         24           120	ITI         16         26           11         16         26           ITI         ITI         ITI           ITI         ITI         18           ITI         ITI         ITI	-28           12         19         28           -00         -         -           -07         -         -           -08         -         -           -09         -         -         -           10         14         20         -         -           -00         -	.14           31           14         21         30           .08         .09           .09         .01           .09         .02           .03         .03           .03         .03           .03         .03           .03         .03           .03         .03           .03         .04           .05         .03           .06         .03           .03         .04           .03         .04           .04         .05           .05         .03           .03         .04           .04         .05           .05         .04           .05         .05		.22           38           24         33           .14         24           .15         .14           .17         24           .365         .12           .12         .15           .15         .12           .16         20         28           .25         .13         .13           .16         20         28           .13         .13         .13           .16         .20         .20           .13         .13         .13           .16         .20         .20           .13         .13         .13           .14         .13         .13           .15         .13         .13           .16         .22         .20           .17         .13         .13           .15         .13         .13           .16         .22         .20           .17         .13         .13           .18         .13         .14           .19         .14         .15           .15         .14         .14            .15         .14         <		.32           43           21         26         37           .20         .22           42         .23           15         18         26           .40         .22         .31           .18         .22         .31           .18         .22         .31           .14         .19         .41           .19         .24         .33           .620         .13         .33	.38 45 22 27 38 .24 .26 44 16 19 27 480 .21 .26 45 19 23 32 .60 .16 .23 43 20 25 35 .675 .15
10" Ø INLET	24" 36"	NC           Throw           CFM           Ps           PT           NC           Throw           CFM	.03           12           7         10         21           .02         .02           .03         .03           .04         .05           .05         7         14           .05         .02         .02           .02         .02         .02           .02         .02         .02           .02         .02         .03           .03         .03         .03           .04         .01         .01           .05         .02         .02           .01         .03         .03           .03         .03         .03           .04         .04         .04           .05         .05         .05           .06         .01         .04           .05         .04         .05           .05         .04         .05           .05         .05         .05           .06         .04         .18           .05         .05         .05	-18           9         13         24           -03         -         -           -03         -         -           7         10         16           175         -         -         -           03         -         -         -           03         -         -         -           03         -         -         -           19         8         12         20           -02         -         -         -           03         -         -         -           03         -         -         -           03         -         -         -           03         -         -         -           17         8         12         21           255         -         -         -	-         -	-28           12         19         28           -00         -         -           -07         -         -           -08         -         -           -01         14         20         -           -05         -         -         -           -06         -         -         -           11         17         23         -         -           -06         - <td>.14           31           14         21         30           .08         .09           .09         .01           .09         .02           .03         .03           .03         .03           .03         .03           .03         .03           .03         .03           .03         .04           .05         .03           .06         .03           .03         .04           .03         .04           .03         .04           .03         .04           .03         .04</td> <td>.18           32           16         23         32           .11         .12           .32         .13         16         22           .32         .10         .12         .12           .12         .325         .14         .19         .27           .34         .19         .27         .380         .14           .35         .32         .32         .33         .33           .41         .19         .27         .38         .34           .35         .36         .36         .36         .36           .36         .37         .38         .32         .36</td> <td>.22           38           24         33           .14         24           .15         .14           .17         24           .16         20         28           .12         .15         .12           .15         .12         .13           .16         20         28           .25         .13         .13           .16         .20         28           .13         .13         .13           .16         .20         .20           .13         .13         .13           .26         .27         .30           .27         .28         .30           .28         .29         .30           .29         .30         .31</td> <td></td> <td>.32           43           21         26         37           .20         .22           42         .23           15         18         26           .40         .22         .31           .18         .22         .31           .18         .22         .31           .14         .14         .19           .19         .24         .33           .620         .43         .33</td> <td>.38           22         27         38           .24         .24           .26         .24           .41         16         19         27           .40         .21         .26         .21           .26         .21         .26         .21           .26         .23         .20         .25         .32           .20         .23         .23         .23         .23           .23         .23         .23         .23         .23           .20         .25         .35         .35           .675         .35         .35         .35</td>	.14           31           14         21         30           .08         .09           .09         .01           .09         .02           .03         .03           .03         .03           .03         .03           .03         .03           .03         .03           .03         .04           .05         .03           .06         .03           .03         .04           .03         .04           .03         .04           .03         .04           .03         .04	.18           32           16         23         32           .11         .12           .32         .13         16         22           .32         .10         .12         .12           .12         .325         .14         .19         .27           .34         .19         .27         .380         .14           .35         .32         .32         .33         .33           .41         .19         .27         .38         .34           .35         .36         .36         .36         .36           .36         .37         .38         .32         .36	.22           38           24         33           .14         24           .15         .14           .17         24           .16         20         28           .12         .15         .12           .15         .12         .13           .16         20         28           .25         .13         .13           .16         .20         28           .13         .13         .13           .16         .20         .20           .13         .13         .13           .26         .27         .30           .27         .28         .30           .28         .29         .30           .29         .30         .31		.32           43           21         26         37           .20         .22           42         .23           15         18         26           .40         .22         .31           .18         .22         .31           .18         .22         .31           .14         .14         .19           .19         .24         .33           .620         .43         .33	.38           22         27         38           .24         .24           .26         .24           .41         16         19         27           .40         .21         .26         .21           .26         .21         .26         .21           .26         .23         .20         .25         .32           .20         .23         .23         .23         .23           .23         .23         .23         .23         .23           .20         .25         .35         .35           .675         .35         .35         .35
10" Ø INLET	24" 36" 48"	NC           Throw           CFM           Ps           PT           NC           Throw           CFM           Ps	.03           12           7         10         21           .02         .02           .03         .03           .04         .05           .05         7         14           .05         .02         .02           .02         .02         .02           .02         .02         .02           .02         .02         .03           .03         .03         .03           .04         .01         .03           .05         .01         .03           .05         .03         .03           .06         .9         .18           .00         .01         .03	18           9         13         24           120	ITI         16         26           11         16         26           ITI         ITI         ITI           ITI         ITI         18           ITI         ITI         ITI	-28           12         19         28           -00         -         -           -07         -         -           -08         -         -           -09         -         -         -           10         14         20         -         -           -00         -	.14           31           14         21         30           .08         .09           .09         .01           .09         .02           .03         .03           .03         .03           .03         .03           .03         .03           .03         .03           .03         .04           .05         .03           .06         .03           .03         .04           .03         .04           .04         .05           .05         .03           .03         .04           .04         .05           .05         .04           .05         .05		.22           38           24         33           .14         24           .15         .14           .17         24           .365         .12           .12         .15           .15         .12           .16         20         28           .25         .13         .13           .16         20         28           .13         .13         .13           .16         .20         .20           .13         .13         .13           .16         .20         .20           .13         .13         .13           .14         .13         .13           .15         .13         .14           .15         .13         .14           .15         .13         .14           .15         .14         .15           .15         .15         .14           .15         .15         .14		.32           43           21         26         37           .20         .22           42         .23           15         18         26           .40         .22         .31           .18         .22         .31           .18         .22         .31           .14         .19         .41           .19         .24         .33           .620         .13         .33	.38           22         27         38           .24         .24           .26         .24           .41         .26           .42         .21           .26         .21           .26         .21           .26         .21           .26         .21           .26         .23           .20         .23           .23         .23           .23         .23           .23         .23           .25         .35           .675         .35           .15         .35
10" Ø INLET	24" 36" 48"	NC           Throw           CFM           Ps           PT           NC           Throw           CFM           Ps           PT	.03           12           7         10         21           .02         .02           .03         .03           .04         .05           .05         7         14           .05         7         14           .02         .02         .02           .02         .02         .02           .02         .02         .01           .03         .01         .02           .04         .01         .02           .05         .01         .03           .001         .03         .03           .03         .03         .04	-18           9         13         24           -03         -         -           -03         -         -           7         10         16           175         -         -         -           .03         -         -         -           .03         -         -         -           .03         -         -         -           .03         -         -         -           .03         -         -         -           .03         -         -         -           .03         -         -         -           .03         -         -         -           .03         -         -         -           .03         -         -         -           .04         12         21         -           .05         -         -         -	I1         16         26           11         16         26           I1         I1         18           I2         I1         18           I2         I1         18           I1         I1         18         12           I1         I1         I1         I1           I1         I1         I1         I1           I1         I1         I2         I1           I1         I1         I2 </td <td>-28           12         19         28           -07         -         -           -07         -         -           -07         -         -           -07         -         -           -07         -         -           -08         -         -           -09         -         -         -           -01         17         23         -           -02         -         -         -           -03         -         -         -           -10         17         23         -           -04         -         -         -           -11         17         25         -           -04         -         -         -           -05         -         -         -           -04         -         -         -</td> <td>.14           31           14         21         30           .08         .09           .09         .01           .09         .02           .03         .03           .03         .03           .03         .03           .03         .03           .03         .03           .04         .05           .05         .03           .06         .03           .03         .04           .04         .05           .05         .03           .06         .03           .07         .04           .06         .04           .06         .05           .05         .05</td> <td></td> <td></td> <td></td> <td>.32           43           21         26         37           .20         .22           42         .23           15         18         26           .40         .22         .31           .18         .22         .31           .18         .22         .31           .14         .19         .41           .19         .24         .33           .620         .13         .21</td> <td>.38           22         27         38           .24         .24           .25         .24           .26         .24           .40         .27           .26         .21           .26         .21           .26         .21           .26         .21           .26         .23           .20         .23           .23         .23           .23         .23           .23         .23           .25         .35           .15         .15           .25         .25</td>	-28           12         19         28           -07         -         -           -07         -         -           -07         -         -           -07         -         -           -07         -         -           -08         -         -           -09         -         -         -           -01         17         23         -           -02         -         -         -           -03         -         -         -           -10         17         23         -           -04         -         -         -           -11         17         25         -           -04         -         -         -           -05         -         -         -           -04         -         -         -	.14           31           14         21         30           .08         .09           .09         .01           .09         .02           .03         .03           .03         .03           .03         .03           .03         .03           .03         .03           .04         .05           .05         .03           .06         .03           .03         .04           .04         .05           .05         .03           .06         .03           .07         .04           .06         .04           .06         .05           .05         .05				.32           43           21         26         37           .20         .22           42         .23           15         18         26           .40         .22         .31           .18         .22         .31           .18         .22         .31           .14         .19         .41           .19         .24         .33           .620         .13         .21	.38           22         27         38           .24         .24           .25         .24           .26         .24           .40         .27           .26         .21           .26         .21           .26         .21           .26         .21           .26         .23           .20         .23           .23         .23           .23         .23           .23         .23           .25         .35           .15         .15           .25         .25

For performance data notes, see page FF-11.

For software selection, download Anemostat's FLO software (www.anemostat-hvac.com)

performance data supply

#### FF-200 (2" SLOT) - 2 SLOTS - HORIZONTAL PATTERN (ATTACHED JET)



515

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42

665

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885

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1015

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39 24

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44 26

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27 38

24 33

560

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44

720

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43

960

.12

.59

45

32

1100

10

.72

45

560

.16

.23

43

780

.14

.27

44

960

.12

.31

44

1100

.10

.35

43

600

.18

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780

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1200

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(0				CFM	160	205	250	295	340	380	425	470	5
0				Ps	.01	.02	.03	.04	.06	.08	.09	.11	
Ň			24"	P <sub>T</sub>	.03	.04	.06	.09	.12	.15	.19	.23	
١.			-	NC	11	17	22	27	31	34	36	40	4
Architectural Diffusers				Throw	6 9 18	8 12 21	10 14 23	11 17 25	13 19 27	15 20 29	16 22 30	18 23 32	19
ធ			ŀ	CFM Ps	210 .01	265 .02	325 .02	380 .03	435 .04	495 .06	550 .07	605 .08	6
5			36"	P <sub>T</sub>	.01	.02	.02	.03	.04	.18	.07	.00	•
C B				NC	10	17	21	25	29	33	35	38	
lit			ŀ	Throw	7 10 20	8 12 24	10 15 27	12 18 29	14 21 31	16 23 33	17 24 35	19 26 36	21
<sup>1</sup>	, e	5		CFM	280	355	430	505	580	660	735	810	8
Ā	"0		ľ	Ps	.01	.02	.02	.03	.04	.06	.07	.08	
			48"	P <sub>T</sub>	.05	.08	.12	.16	.22	.28	.35	.42	
				NC	12	18	23	28	31	35	38	41	4
				Throw	8 11 23	10 14 28	12 18 31	14 21 33	16 24 36	18 27 38	20 28 40	22 30 42	24 3
			-	CFM	350	435	515	600	685	765	850	935	1(
			co"	Ps	.01	.02	.02	.03	.04	.05	.06	.07	
Α			60"	P <sub>T</sub>	.07 13	.11 18	.16 24	.21 27	.28 31	.35 34	.43	.52 40	
<u> </u>			ŀ	NC Throw	9 13 26	11 16 31	13 19 33	15 22 36	17 25 39	19 28 41	21 30 43	23 32 45	25 3
			-	CFM Ps	160 .01	205 .02	250 .03	295 .04	340 .06	380 .08	425 .09	470 .11	5
			24"	P <sub>T</sub>	.01	.02	.03	.04	.00	.08	.09	.11	•
			27	NC	11	17	22	26	30	33	36	39	
			ŀ	Throw	6 9 18	8 12 21	10 14 23	11 17 25	13 19 27	15 20 29	16 22 30	18 23 32	19
				CFM	210	275	335	400	465	525	590	655	7
			F	Ps	.01	.02	.03	.04	.05	.06	.08	.10	
	<sub>F</sub>	_	36"	P <sub>T</sub>	.02	.03	.05	.07	.09	.12	.15	.19	
				NC	<10	16	21	26	30	33	36	39	4
		É L		Throw	7 10 20	9 13 24	11 16 27	13 19 30	15 22 32	16 24 34	19 25 36	21 27 38	22
			-	CFM	280	355	430	505	580	660	735	810	8
	.01	2	40"	P <sub>s</sub>	.01	.02	.02	.03	.04	.06	.07	.08	
			48"	P <sub>T</sub>	.03	.04 17	.06 23	.09	.11 30	.15 33	.18	.22 39	
			ŀ	NC Throw	11 8 11 23	10 14 28	12 18 31	27 14 21 33	16 24 36	18 27 38	37 20 28 40	22 30 42	24 3
				CFM	350	435	515	600	685	765	850	935	24 1
			ŀ	Ps	.01	.02	.02	.03	.04	.05	.06	.07	
			60"	PT	.04	.06	.08	.11	.14	.17	.21	.25	
				NC	12	18	23	26	30	33	36	38	4
			F	Throw	9 13 26	11 16 31	13 19 33	15 22 36	17 25 39	19 28 41	21 30 43	23 32 45	25 3
				CFM	160	210	260	305	355	405	455	500	5
			Ē	Ps	.01	.02	.03	.05	.06	.08	.11	.13	
			24"	P <sub>T</sub>	.02	.03	.04	.06	.08	.10	.13	.15	
			[	NC	10	18	23	27	31	34	37	39	4
				Throw	6 9 18	8 12 21	10 15 24	12 18 26	14 20 28	16 21 30	18 22 31	19 23 33	20 2
				CFM	210	275	335	400	465	525	590	655	7
				Ps	.01	.02	.03	.04	.05	.06	.08	.10	
	L L		36"	Ρ <sub>T</sub>	.01	.02	.04	.05	.07	.09	.11	.14	
			-	NC	<10	16	21	26	29	32	36	39	4
				Throw	7 10 20	9 13 24	11 16 27	13 19 30	15 22 32	16 24 34	19 25 36	21 27 38	22
	۵ =		-	CFM	280	365	450	535	620	700	785	870	g
	10	4	40"	P <sub>S</sub>	.01	.02	.03	.04	.05	.06	.08	.10	
			48"	P <sub>T</sub>	.02	.03 17	.05	.07	.09 31	.11	.14	.17 40	
			-	NC	11 8 11 23		23 12 18 31	27 15 22 34	31 17 25 37	35 19 28 39	37 21 29 41		26 3
				Throw CFM	8 11 23 350	10 15 28 445	12 18 31 540	635	730	820	21 29 41 915	24 31 44 1010	20 .
			-	OT IVI	550	U+T	0-10	000	, 30	020	515	1010	<u> </u>

For performance data notes, see page FF-11.

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Ps

PT

NC

Throw

For software selection, download Anemostat's FLO software (www.anemostat-hvac.com)

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13 26 11 16 31 13 20 34 15 23 37 18 27 40 20 30 42 22 32 45 25 33 47 27 35 49 29 36 51

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### Anemostat

60"

#### FF-250 (2-1/2" SLOT) - 1 SLOT - HORIZONTAL PATTERN (ATTACHED JET)

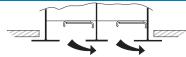


		CFM	120	150	180	205	235	265	295	320	350	380
		Ps	.02	.04	.05	.07	.09	.11	.14	.16	.19	.23
	24"	PT	.03	.05	.07	.09	.12	.15	.18	.22	.26	.30
		NC	12	18	22	26	29	33	35	38	40	42
			6 10 16	8 12 18	10 14 19	11 14 20	13 16 22	13 16 23	14 17 25	15 18 26	15 19 27	16 20 28
		Throw										
		CFM	150	190	230	270	310	350	390	430	470	510
		Ps	.02	.03	.04	.05	.07	.09	.11	.13	.16	.18
∟	36"	P <sub>T</sub>	.03	.04	.06	.09	.12	.15	.18	.22	.27	.32
ш		NC	<10	16	20	25	29	32	34	37	40	42
INLET		Throw	7 10 18	8 12 20	10 15 22	12 17 24	13 18 25	15 19 27	16 20 28	17 21 30	18 22 31	19 23 32
Ø		CFM	200	250	300	345	395	445	495	540	590	640
		Ps	.02	.02	.04	.05	.06	.08	.10	.12	.14	.16
	48"	PT	.04	.06	.08	.11	.14	.18	.22	.27	.32	.37
		NC	11	16	22	26	29	33	35	37	40	43
		Throw	8 11 20	9 14 23	11 17 25	13 19 27	15 20 28	17 21 30	18 23 32	19 24 33	20 25 35	21 26 36
		CFM	250	305	360	415	470	530	585	640	695	750
		Ps	.02	.02	.03	.04	.06	.07	.09	.10	.12	.14
	60"	PT	.05	.07	.10	.13	.17	.21	.26	.31	.37	.43
	-	NC	12	18	22	26	30	32	35	38	40	42
		Throw	8 13 23	10 15 25	12 18 27	14 21 29	16 22 31	18 23 33	20 24 35	21 26 36	22 27 38	23 28 39
1		CFM	120	155	185	220	255	285	320	355	385	420
	24"	Ps	.02	.04	.06	.08	.10	.13	.16	.20	.24	.28
		P <sub>T</sub>	.03	.04	.06	.09	.12	.15	.18	.22	.27	.32
		NC	11	18	23	27	31	34	37	39	41	44
		Throw	6 10 16	8 12 18	10 14 19	12 15 21	13 16 23	14 17 24	15 18 26	16 19 27	16 20 28	17 21 29
		CFM	150	200	250	300	350	400	450	500	550	600
	36"	Ps	.02	.03	.04	.06	.09	.11	.14	.18	.21	.25
		Ρ <sub>T</sub>	.02	.04	.06	.08	.11	.15	.18	.23	.28	.33
Ø INLET		NC	<10	17	22	27	31	34	38	40	43	45
N		Throw	7 10 18	9 13 20	11 16 23	13 18 25	15 19 27	17 20 29	18 21 30	18 23 32	19 24 34	20 25 35
Ø		CFM	200	260	325	385	450	510	575	635	700	760
"0	48"	Ps	.02	.03	.04	.06	.08	.10	.13	.16	.19	.23
1		P <sub>T</sub>	.02	.04	.06	.09	.12	.16	.20	.24	.30	.35
	40	NC	11	18	23	27	32	35	38	40	44	46
			8 11 20	10 15 23	12 18 26	14 20 28	17 21 30	19 23 32	20 24 34	21 25 36	22 27 38	23 28 39
		Throw						I				
		CFM	250	320	395	465	540	610	685	755	830	900
	0.01	Ps	.02	.03	.04	.06	.07	.09	.12	.14	.17	.20
	60"	P <sub>T</sub>	.03	.05	.07	.10	.13	.17	.22	.26	.32	.37
		NC	12	18	23	28	32	35	39	41	43	45
		Throw	8 13 23	11 16 26	13 20 28	16 22 31	18 24 33	20 25 35	22 26 37	23 28 39	24 29 41	25 30 43
		CFM	120	155	185	220	255	285	320	355	385	420
		Ps	.02	.04	.06	.08	.10	.13	.16	.20	.24	.28
	24"	PT	.02	.04	.06	.08	.11	.14	.17	.21	.25	.30
		NC	11	17	22	27	31	34	37	39	41	43
		Throw	6 10 16	8 12 18	10 14 19	12 15 21	13 16 23	14 17 24	15 18 26	16 19 27	16 20 28	17 21 29
		CFM	165	215	260	310	360	405	455	505	550	600
		Ps	.02	.03	.05	.07	.09	.12	.15	.18	.21	.25
1	36"	P <sub>T</sub>	.02	.03	.05	.07	.10	.12	.13	.20	.21	.29
ET	- 50	NC	.02	.04	23	28	31	34	37	.20	42	.29 45
Ø INLET												
۵ II		Throw	7 11 18	9 14 21		13 18 25	16 19 27	17 20 29	18 22 31	19 23 32	19 24 34	
		CFM	200	260	325	385	450	510	575	635	700	760
12"	40"	P <sub>s</sub>	.02	.03	.04	.06	.08	.10	.13	.16	.19	.23
	48"	PT	.02	.03	.05	.07	.10	.13	.16	.20	.24	.29
1		NC	11	18	23	27	31	34	37	40	43	45
1		Throw	8 11 20	10 15 23	12 18 26	14 20 28	17 21 30	19 23 32	20 24 34	21 25 36	22 27 38	23 28 39
1		CFM	250	320	395	465	540	610	685	755	830	900
		Ps	.02	.03	.04	.06	.07	.09	.12	.14	.17	.20
	60"	P <sub>T</sub>	.02	.04	.06	.08	.10	.13	.17	.20	.24	.29
		NC	12	18	23	27	31	35	38	40	42	44
		Throw	8 13 23	11 16 26	13 20 28	16 22 31	18 24 33	20 25 35	22 26 37	23 28 39	24 29 41	25 30 43
L	1											

For performance data notes, see page FF-11.



#### FF-250 (2-1/2" SLOT) - 2 SLOTS - HORIZONTAL PATTERN (ATTACHED JET)



		CFM	200	250	300	345	395	445	495	540	590	640
		Ps	.02	.02	.04	.05	.06	.08	.10	.12	.14	.16
	24"	PT	.04	.06	.08	.11	.14	.18	.22	.27	.32	.37
		NC	11	16	22	26	29	33	35	37	40	43
		Throw	8 11 20	9 14 23	11 17 25	13 19 27	15 20 28	17 21 30	18 23 32	19 24 33	20 25 35	21 26 36
		CFM	270	335	395	460	525	585	650	715	775	840
		Ps	.01	.02	.03	.04	.05	.06	.07	.09	.11	.12
	36"			.02			.19					
⊢ ⊢	30	PT	.05		.11	.15		.24	.29	.35	.41	.48
INLET		NC	11	16	21	25	28	31	35	37	39	42
Z		Throw	8 12 24	10 15 26	12 18 28	14 21 31	16 23 33	18 24 35	20 26 36	22 27 38	23 28 40	24 29 41
Ø		CFM	320	400	480	560	640	720	800	880	960	1040
īω		Ps	.01	.02	.02	.03	.04	.05	.06	.08	.09	.11
	48"	PT	.06	.10	.14	.19	.25	.32	.39	.47	.56	.66
		NC	<10	15	21	24	29	31	35	37	40	42
		Throw	8 13 26	11 16 29	13 19 31	15 22 34	17 26 36	19 27 38	21 29 40	23 30 42	26 31 44	27 33 46
		CFM	400	500	600	700	800	900	1000	1100	1200	1300
		Ps	.01	.02	.02	.03	.04	.05	.06	.08	.09	.11
	60"	PT	.09	.14	.21	.28	.37	.47	.57	.70	.83	.97
		NC	11	17	21	26	31	33	37	39	42	44
		Throw	9 14 29	12 18 32	14 21 35	17 25 38	19 29 40	21 30 43	24 32 45	26 34 47	29 35 50	30 36 52
		CFM	200	255	310	365	420	480	535	590	645	700
	24"	Ps	.02	.03	.04	.05	.07	.09	.11	.14	.16	.19
		P <sub>T</sub>	.02	.04	.06	.08	.11	.14	.17	.21	.25	.30
		NC	11	17	22	26	30	33	36	39	41	44
		Throw	8 11 20	10 14 23	12 17 25	14 19 27	16 21 29	18 22 31	19 23 33	20 25 35	21 26 36	22 27 38
	36"	CFM	270	345	425	500	575	655	730	805	885	960
		Ps	.01	.02	.03	.04	.06	.07	.09	.11	.14	.16
		PT	.03	.05	.07	.10	.13	.16	.21	.25	.30	.36
		NC	<10	16	22	26	30	33	37	39	41	44
ĪZ		Throw	8 12 24	11 16 27	13 20 30	15 23 32	18 24 34	20 26 37	22 27 39	23 29 41	25 30 43	26 31 44
Ø INLET		CFM	360	455	545	640	735	825	920	1015	1105	1200
10"	48"	Ps	.01	.02	.03	.04	.05	.07	.08	.10	.12	.14
4		P <sub>T</sub>	.04	.06	.09	.13	.00	.01	.26	.32	.38	.14
		NC	.04	18	23	27	31	34	36	40	42	44
		Throw	10 14 27	12 18 31	14 22 33	17 26 36	20 27 39	22 29 41	24 31 43	26 32 46	27 34 48	29 35 50
		CFM	400	510	620	735	845	955	1065	1180	1290	1400
		Ps	.01	.02	.02	.03	.05	.06	.07	.09	.11	.12
	60"	P <sub>T</sub>	.04	.07	.11	.15	.19	.25	.31	.38	.45	.53
		NC	10	17	21	26	30	34	37	39	42	44
		Throw	9 14 29	12 18 32	15 22 36	17 26 39	20 29 42	23 31 44	25 33 47	28 35 49	30 36 51	31 38 54
		CFM	200	255	310	365	420	480	535	590	645	700
		Ps	.02	.03	.04	.05	.07	.09	.11	.14	.16	.19
	24"	P <sub>T</sub>										.10
			.02	.03	.05	.07	.09	.11	.14	.17		.24
	24		.02 11	.03 17	.05 22	.07 26	.09 29	.11	.14 35	.17 39	.21 41	
	24	NC	11	17	22	26	29	32	35	39	41	43
	27	NC Throw	11 8 11 20	17 10 14 23	22 12 17 25	26 14 19 27	29 16 21 29	32 18 22 31	35 19 23 33	39 20 25 35	41 21 26 36	43 22 27 38
	27	NC Throw CFM	11 8 11 20 300	17 10 14 23 380	22 12 17 25 460	26 14 19 27 540	29 16 21 29 620	32 18 22 31 700	35 19 23 33 780	39 20 25 35 860	41 21 26 36 940	43 22 27 38 1020
		NC Throw CFM P <sub>S</sub>	11       8     11       300       .02	17       10     14     23       380     .03	22 12 17 25 460 .04	26 14 19 27 540 .05	29 16 21 29 620 .07	32 18 22 31 700 .09	35 19 23 33 780 .11	39 20 25 35 860 .13	41 21 26 36 940 .16	43 22 27 38 1020 .18
ET	36"	NC Throw CFM P <sub>s</sub> P <sub>T</sub>	11       8     11       300       .02       .02	17 10 14 23 380 .03 .04	22 12 17 25 460 .04 .06	26 14 19 27 540 .05 .08	29 16 21 29 620 .07 .11	32 18 22 31 700 .09 .14	35 19 23 33 780 .11 .17	39 20 25 35 860 .13 .20	41 21 26 36 940 .16 .24	43 22 27 38 1020 .18 .29
NLET		NC Throw CFM Ps P <sub>T</sub> NC	11       8     11       20       300       .02       .02       13	17 10 14 23 380 .03 .04 19	22 12 17 25 460 .04 .06 23	26 14 19 27 540 .05 .08 27	29 16 21 29 620 .07 .11 .32	32 18 22 31 700 .09 .14 35	35 19 23 33 780 .11 .17 .37	39 20 25 35 860 .13 .20 40	41 21 26 36 940 .16 .24 42	43 22 27 38 1020 .18 .29 45
) INLET		NC Throw CFM P <sub>S</sub> P <sub>T</sub> NC Throw	11         20           300         .02           .02         .13           9         14         25	17           10         14         23           380         .03         .04           .04         .9         .19           12         18         28	22           12         17         25           460         .04         .04           .04         .03         .04           .04         .04         .04           .05         .03         .04           .04         .03         .04           .05         .03         .04           .04         .03         .04           .05         .04         .04           .05         .04         .04	26 14 19 27 540 .05 .08 27 17 24 33	29 16 21 29 620 .07 .11 .11 .11 .11 .12 .13 .07 .13 .07 .07 .07 .07 .07 .07 .07 .07	32           18         22         31           700         .09           .14         .35           22         27         38	35           19         23         33           780	39           20         25         35           860         -         -           .13         -         -           .20         -         -         -           .20         -         -         -         -           .20         -	41           21         26         36           940	+3           22         27         38           1020         .         .           .18         .         .           .29         .         .           .45         .         .           26         .32         .46
" Ø INLET		NC Throw CFM P <sub>S</sub> P <sub>T</sub> NC Throw CFM	11         20           300         .02           .02         .13           9         14         25           360	17       10     14     23       380     .03       .03     .04       19     .12       12     18     28       455	22 12 17 25 460 .04 .06 23 14 21 31 545	26 14 19 27 .540 .05 .08 27 17 24 33 640	29 620 .07 .11 32 19 25 36 735	32         31           700         .09           .14         .35           22         27         38           825	35           19         23         33           780	39           20         25         35           860	41           21         26         36           940         .         .           .16         .         .           .24         .         .           42         .         .           25         31         44           1105         .         .	+3       22     27     38       1020     .18       .29     .29       45     .26       26     32     46       1200
	36"	NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC Throw CFM P <sub>s</sub>	11         20           300         .02           .02         .02           13         .02           360         .02           .02         .02	17           10         14         23           380         .03           .04         .04           12         18         28           455         .02	22 12 17 25 460 .04 .06 23 14 21 31 545 .03	26 14 19 27 .540 .05 .08 27 17 24 33 640 .04	29 16 21 29 620 .07 .11 .11 .11 .11 .12 .13 .07 .13 .07 .07 .07 .07 .07 .07 .07 .07	32 31 700 .09 .14 35 22 27 38 825 .07	35           19         23         33           780	39           20         25         35           860	41       21     26     36       940     .16       .24     .24       25     31     44       1105     .12	+3       22     27     38       1020
12" Ø INLET		NC Throw CFM P <sub>S</sub> P <sub>T</sub> NC Throw CFM	11         20           300         .02           .02         .13           9         14         25           360	17       10     14     23       380     .03       .03     .04       19     .12       12     18     28       455	22 12 17 25 460 .04 .06 23 14 21 31 545	26 14 19 27 .540 .05 .08 27 17 24 33 640	29 620 .07 .11 32 19 25 36 735	32         31           700         .09           .14         .35           22         27         38           825	35           19         23         33           780	39           20         25         35           860	41           21         26         36           940         .         .           .16         .         .           .24         .         .           42         .         .           25         31         44           1105         .         .	+3       22     27     38       1020     .18       .29     .29       45     .26       26     32     46       1200
	36"	NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC Throw CFM P <sub>s</sub>	11         20           300         .02           .02         .02           13         .02           360         .02           .02         .02	17           10         14         23           380         .03           .04         .04           12         18         28           455         .02	22 12 17 25 460 .04 .06 23 14 21 31 545 .03	26 14 19 27 .540 .05 .08 27 17 24 33 640 .04	29 620 .07 .11 32 19 25 36 735 .05	32 31 700 .09 .14 35 22 27 38 825 .07	35           19         23         33           780	39           20         25         35           860	41       26       36         940       .16         .24       .24         25       31       44         1105       .12	+3       22     27     38       1020
	36"	NC Throw CFM P <sub>s</sub> P <sub>T</sub> NC Throw CFM P <sub>s</sub> P <sub>T</sub>	11         20           300         .02           .02         .02           13         .03           9         14         25           360         .01           .03         .03	17           10         14         23           380         .03           .04         .04           12         18         28           455         .02           .02         .04	22 12 17 25 460 .04 .05 23 14 21 31 545 .03 .06	26 14 19 27 540 .05 .08 27 17 24 33 640 .04 .04	29 620 .07 .11 32 19 25 36 735 .05 .11	32 31 700 .09 .14 35 22 27 38 825 .07 .14	35       19     23     33       780	39           20         25         35           860	41         21       26       36         940       .16         .24       .24         25       31       44         1105       .12         .22       .24	+3       22     27     38       1020
	36"	NC Throw CFM P <sub>T</sub> NC Throw CFM P <sub>S</sub> P <sub>T</sub> NC	11       8     11       300       .02       .02       13       9     14       25       360       .01       .03       11	17           10         14         23           380         .03           .04         .18         28           455         .02         .02           .02         .04         .03	22 12 17 25 460 .04 23 14 21 31 545 .03 .06 .06 .06 .02 .03	26 14 19 27 540 .05 .08 27 17 24 33 640 .04 .08 .08 .08 .27	29 620 .07 .11 32 19 25 36 735 .05 .11 .11 .30	32 18 22 31 700 .09 .14 35 22 27 38 825 .07 .14 .14 .33	35       19     23     33       780     .11       .17     .73       23     28     40       920     .08       .17     .17       .18     .10	39       20     25     35       860     .13       .20     .20       40     .20       24     30     42       1015     .10       .20     .21       .39	41       21     26     36       940     .16       .24     .24       25     31     44       1105     .12       .24     .24	+3       22     27     38       1020
	36"	$\begin{tabular}{c} NC \\ \hline Throw \\ CFM \\ P_S \\ P_T \\ NC \\ \hline Throw \\ CFM \\ P_S \\ P_T \\ NC \\ \hline Throw \\ \hline Throw \end{tabular}$	11       8     11       300       .02       .02       .13       9     14       25       .360       .01       .03       11       10     14	17           10         14         23           380         .03           .04         .18         28           455         .02         .02           .02         .04         .19           12         18         28           .02         .02         .03           .03         .04         .03	22           12         17         25           460         .04         .06           23         .01         .01           14         21         31           545         .03         .06           .03         .02         .03           .04         .03         .03           .05         .03         .03           .06         .22         .03	26 14 19 27 540 .05 .08 27 17 24 33 640 .04 .04 .08 .08 .08 .08 .08 .08 .08 .08	29           16         21         29           620         .07           .11         .02           19         25         36           735         .05           .11         .02           .02         .03           .03         .05           .11         .05           .05         .05           .05         .03           .05         .03           .05         .05           .11         .03           .20         .27         .39	32           18         22         31           700         .09           .14         .35           22         27         38           825         .07           .14         .33           22         29         41	35           19         23         33           780	39           20         25         35           860	41           21         26         36           940         .         .           .24         .         .           .25         31         44           1105         .         .           .22         .         .           .12         .         .           .24         .         .           .25         31         44           .102         .         .           .24         .         .           .20         .         .           .21         .         .           .23         .         .           .24         .         .           .24         .         .           .24         .         .           .24         .         .           .24         .         .           .24         .         .           .23         .         .	+3           22         27         38           1020
	36"	$\begin{tabular}{c} NC \\ \hline Throw \\ CFM \\ P_S \\ P_T \\ NC \\ \hline Throw \\ CFM \\ P_S \\ P_T \\ NC \\ \hline Throw \\ CFM \\ P_S \\ \end{tabular}$	11       8     11       300       .02       .02       13       9     14       25       .01       .03       11       10     14       27       400	17           10         14         23           380         .03         .04           .04         .03         .04           12         18         28           .02         .02         .04           .02         .04         .03           .02         .04         .03           .03         .04         .04           .04         .05         .04           .05         .04         .04           .04         .04         .04           .05         .04         .04           .05         .04         .04           .05         .04         .04	22           12         17         25           460	26           14         19         27           .05         .08           .27         .03           640         .04           .04         .03           .05         .08           .04         .03           .05         .04           .04         .04           .05         .08           .07         .08           .08         .08           .07         .08           .08         .04	29           16         21         29           620         .07           .11         .32           19         25         36           .735         .05           .11         .02           .02         .05           .03         .05           .04         .05	32       18     22     31       700     .09       .14     .14       35     .22     27     38       825     .07     .14       .07     .14     .14       .07     .07     .14       .07     .22     .29     .41       .1010     .1010     .1010	35       19     23     33       780     .11       .17     .73       23     28     40       920     .08       .17     .73       .17     .17       .08     .17       .17     .17       .17     .17       .08     .13       .17     .14       .17     .14       .08     .14	39           20         25         35           860	41       21     26     36       940	+3       22     27     38       1020
	36" 48"	$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	11       8     11       20       .02       .02       13       9     14       25       .01       .03       11       10     14       27       .01       .02	17           10         14         23           380         .03         .03           .04         .03         .04           12         18         28           .02         .02         .04           .02         .04         .03           .04         .05         .04           .05         .02         .04           .02         .02         .02           .02         .04         .04	22           12         17         25           460         .04           .03         .03           .03         .03           .04         .03           .05         .03           .06         .03           .07         .03           .03         .03           .04         .03	26           14         19         27           .05         .08           .27         33           .640         .04           .04         .03           .05         .08           .04         .04           .05         .08           .07         .08           .08         .03           .07         .08           .08         .08           .07         .08           .08         .08           .09         .01	29           16         21         29           620         .07           .11         .32           19         25         36           .735         .05           .01         .11           .05         .05           .02         27         39           .05         .05           .05         .13	32       18     22     31       700     .09       .14     .35       22     27     38       825     .07       .14     .07       .14     .07       .02     29     41       1010     .06       .17	35       19     23     33       780     .11       .17     .73       23     28     40       920     .08       .17     .73       .17     .17       .08     .17       .17     .17       .17     .17       .08     .11       .17     .11       .08     .11       .17     .11       .08     .11       .17     .11	39           20         25         35           860	41       21     26     36       940    16       .24    24       42	+3       22     27     38       1020
	36" 48"	$\begin{tabular}{c} NC \\ \hline Throw \\ CFM \\ P_S \\ P_T \\ NC \\ \hline Throw \\ CFM \\ P_S \\ P_T \\ NC \\ \hline Throw \\ CFM \\ P_S \\ \end{tabular}$	11       8     11       20       .02       .02       13       9     14       25       .01       .03       11       10     14       27       .01       .02	17           10         14         23           380         .03         .04           .04         .03         .04           12         18         28           .02         .02         .04           .02         .04         .03           .02         .04         .03           .03         .04         .04           .04         .05         .04           .05         .04         .04           .04         .04         .04           .05         .04         .04           .05         .04         .04           .05         .04         .04	22           12         17         25           460	26           14         19         27           .05         .08           .27         .03           640         .04           .04         .03           .05         .08           .04         .03           .05         .04           .04         .04           .05         .08           .07         .08           .08         .08           .07         .08           .08         .04	29           16         21         29           620         .07           .11         .32           19         25         36           .735         .05           .11         .02           .02         .05           .03         .05           .04         .05	32       18     22     31       700     .09       .14     .14       35     .22     27       .22     27     38       .07     .07       .14     .07       .22     29     41       1010     .06	35       19     23     33       780     .11       .17     .73       23     28     40       920     .08       .17     .73       .17     .17       .08     .17       .17     .17       .17     .17       .08     .13       .17     .14       .17     .14       .08     .14	39           20         25         35           860         .13           .20         .24           40         .24           1015         .10           .10         .21           .39         .22           26         32         46           1255         .10         .10	41       21     26     36       940	+3       22     27     38       1020     -       .18     -       .29     -       45     -       26     32     46       1200     -       .14     -       .29     -       43     -       20     35     50       1500     -       .14     -

For performance data notes, see page FF-11.



#### FF-300 (3" SLOT) - 1 SLOT - HORIZONTAL PATTERN (ATTACHED JET)

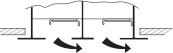


												⇒
		CFM	140	170	200	235	265	295	325	360	390	420
		Ps	.04	.05	.08	.10	.13	.16	.20	.24	.28	.33
	24"	PT	.05	.07	.10	.13	.17	.21	.25	.31	.36	.42
		NC	<10	16	20	24	29	32	35	38	40	42
		Throw	6 9 17	7 11 19	9 13 20	10 15 22	12 16 23	13 17 25	14 18 26	16 19 27	16 20 28	17 21 29
		CFM	210	250	295	335	375	420	460	500	545	585
		Ps	.04	.05	.07	.09	.12	.15	.18	.21	.25	.28
	36"	P <sub>T</sub>	.04	.03	.07	.09	.12	.13	.18	.34		
⊢	30										.40	.46
Ø INLET		NC	11	17	22	26	29	32	36	39	41	43
≤		Throw	8 11 21	9 13 23	11 16 25	12 18 26	13 20 28	15 21 29	17 22 31	18 23 32	19 24 33	20 24 35
		CFM	260	310	360	415	465	515	565	620	670	720
8		Ps	.03	.05	.06	.08	.10	.12	.15	.18	.21	.24
	48"	P <sub>T</sub>	.07	.09	.13	.17	.21	.26	.31	.37	.44	.51
		NC	11	17	21	25	29	32	35	39	41	43
		Throw	8 12 23	10 14 25	11 17 27	13 19 29	14 22 31	16 23 32	18 24 34	19 25 36	21 26 37	22 27 38
		CFM	300	355	410	465	520	580	635	690	745	800
		Ps	.03	.04	.05	.07	.08	.10	.12	.14	.17	.19
	60"	PT	.07	.10	.14	.18	.22	.27	.33	.39	.45	.52
		NC	<10	15	19	24	27	30	34	36	38	42
		Throw	8 13 25	10 15 27	11 17 29	13 19 31	14 22 33	16 24 34	18 25 36	19 27 38	21 28 39	22 29 40
		CFM	140	175	205	240	275	305	340	375	405	440
		Ps	.04	.06	.08	.11	.14	.18	.22	.26	.31	.36
	24"	PT	.04	.06	.09	.12	.16	.20	.24	.29	.34	.40
		NC	<10	16	21	25	29	32	35	38	40	44
		Throw	6 9 17	8 12 19	9 14 20	11 16 22	12 17 24	13 18 25	15 19 26	16 20 28	17 20 29	17 21 30
		CFM	210	255	305	350	395	445	490	535	585	630
		Ps	.04	.05	.08	.10	.13	.16	.20	.24	.28	.33
	36"	P <sub>T</sub>	.05	.07	.10	.13	.16	.20	.25	.30	.35	.00
E		NC	11	17	22	26	30	34	37	40	42	44
N			8 11 21	9 14 23	11 16 25					19 23 33		21 25 36
Ø INLET		Throw			370	13 19 27 425	I					
	48"	CFM	260	315			480	540	595	650	705	760
10"		Ps	.03	.05	.06	.09	.11	.14	.16	.20	.23	.27
		PT	.05	.07	.09	.12	.16	.20	.24	.29	.34	.39
		NC	11	16	21	26	29	33	35	38	41	44
		Throw	8 12 23	10 15 25	12 17 28	13 20 30	15 22 31	17 24 33	18 25 35	20 26 36	22 27 38	23 28 39
		CFM	325	390	455	515	580	645	710	770	835	900
		Ps	.03	.05	.06	.08	.10	.12	.15	.18	.21	.24
	60"	PT	.05	.08	.10	.14	.17	.21	.26	.30	.36	.41
		NC	12	17	22	26	29	32	36	39	41	43
		Throw	9 14 26	11 16 28	13 19 31	14 21 32	16 24 34	18 26 36	20 27 38	21 28 40	23 29 41	25 30 43
		CFM	150	185	225	260	295	335	370	405	445	480
		Ps	.04	.07	.09	.13	.16	.21	.26	.31	.37	.43
	24"	Ρ <sub>T</sub>	.04	.07	.10	.13	.17	.22	.27	.33	.39	.45
		NC	11	17	23	28	31	35	38	40	43	45
		Throw	9 12 18	11 14 19	12 15 21	13 16 23	14 17 25	15 19 26	16 19 28	17 20 29	17 21 30	18 22 31
		CFM	205	255	305	355	400	450	500	550	595	645
		Ps	.04	.05	.08	.10	.13	.17	.21	.25	.30	.35
	36"	PT	.04	.06	.09	.12	.15	.19	.23	.28	.33	.39
		NC	11	17	22	26	30	33	36	39	43	45
Ø INLET		Throw	11 14 20	13 16 23	14 18 25	16 19 27	17 20 29	18 21 30	18 23 32	19 24 34	20 25 35	21 26 36
		CFM	260	320	385	445	510	570	635	695	760	820
2"		Ps	.03	.05	.07	.09	.12	.15	.19	.23	.27	.31
-	48"	PT	.04	.06	.08	.11	.15	.19	.23	.27	.33	.38
		NC	11	17	22	26	30	33	37	40	42	45
		Throw	12 16 23	14 18 26	16 20 28	17 21 30	19 23 32	20 24 34	21 25 36	22 27 38	23 28 39	24 29 41
		CFM	315	390	465	545	620	695	770	850	925	1000
					.07	.09	.11	.14	.18	.21	.26	.30
		Po I	0.5	0.0							~	
	60"	Ps Pt	.03	.05							34	40
	60"	Ρ <sub>T</sub>	.04	.06	.09	.12	.15	.19	.24	.29	.34 43	.40 46
	60"										.34 43 25 31 44	.40 46 26 32 45

For performance data notes, see page FF-11.

For software selection, download Anemostat's FLO software (www.anemostat-hvac.com)

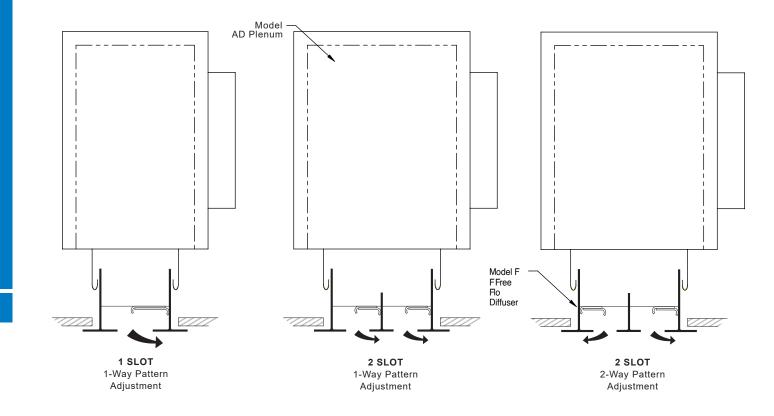
#### FF-300 (3" SLOT) - 2 SLOTS - HORIZONTAL PATTERN (ATTACHED JET)



		CFM	260	310	360	415	465	515	565	620	670	720
		Ps	.03	.05	.06	.08	.10	.12	.15	.18	.21	.24
	24"	PT	.05	.07	.09	.12	.15	.18	.22	.26	.30	.35
		NC	11	16	20	25	28	31	34	37	39	42
			8 12 23	10 14 25	11 17 27	13 19 29					21 26 37	22 27 38
		Throw										
		CFM	360	435	505	580	655	725	800	875	945	1020
		Ps	.03	.04	.05	.07	.09	.11	.13	.16	.19	.22
⊢	36"	PT	.05	.08	.11	.14	.18	.22	.27	.32	.37	.43
Ø INLET		NC	10	16	21	25	28	32	35	38	40	43
$\leq$		Throw	9 14 27	11 17 30	13 19 32	15 22 34	17 25 37	18 27 39	20 29 40	22 30 42	24 31 44	26 32 46
		CFM	440	535	625	720	815	905	1000	1095	1185	1280
10"		Ps	.02	.03	.05	.06	.08	.10	.12	.14	.16	.19
~	48"	PT	.06	.09	.13	.17	.22	.27	.33	.39	.46	.53
		NC	<10	15	20	25	29	32	35	38	40	44
		Throw	10 15 29	12 18 33	14 21 36	16 24 38	18 27 41	20 30 43	22 32 45	24 33 47	26 35 49	28 36 51
		CFM	550	655	760	865	970	1080	1185	1290	1395	1500
		Ps	.02	.03	.04	.06	.07	.09	.10	.12	.15	.17
	60"	P <sub>T</sub>	.09	.12	.16	.21	.27	.33	.40	.47	.55	.64
	50	NC	11	16	21	25	29	32	35	38	41	44
		Throw	11 16 32	13 19 37	15 22 39	17 26 42	19 29 45	21 32 47	23 35 49	25 36 51	27 38 53	29 39 55
]		CFM	260	315	370	425	480	540	595	650	705	760
	24"	Ps	.03	.05	.06	.09	.11	.14	.16	.20	.23	.27
		PT	.04	.06	.08	.10	.13	.16	.20	.24	.28	.33
		NC	11	16	21	25	28	32	35	38	40	43
		Throw	8 12 23	10 15 25	12 17 28	13 20 30	15 22 31	17 24 33	18 25 35	20 26 36	22 27 38	23 28 39
		CFM	360	440	520	600	680	760	840	920	1000	1080
		Ps	.03	.04	.06	.07	.10	.12	.15	.18	.21	.24
	36"	P <sub>T</sub>	.04	.06	.08	.07	.10	.12	.22	.26	.31	.36
			<10	16	.08	26	29	33	35	38	42	.30
LL I		NC										
Ø INLET		Throw	9 14 27	11 17 30	13 20 33	15 23 35	17 26 37	19 28 39	21 29 41	23 31 43	25 32 45	
	48"	CFM	480	580	675	775	870	970	1065	1165	1260	1360
12"		Ps	.03	.04	.05	.07	.09	.11	.13	.16	.19	.22
		P <sub>T</sub>	.05	.07	.10	.13	.17	.20	.25	.30	.35	.40
		NC	11	17	22	26	29	33	36	39	41	43
		Throw	11 16 31	13 19 34	15 22 37	17 26 40	19 29 42	21 32 45	23 33 47	26 35 49	28 36 51	30 37 53
		CFM	550	665	785	900	1015	1135	1250	1365	1485	1600
		Ps	.02	.03	.05	.06	.08	.10	.12	.14	.16	.19
	60"	Ρ <sub>T</sub>	.05	.08	.11	.14	.18	.23	.27	.33	.39	.45
		NC	10	16	21	25	29	33	35	38	41	44
		Throw	11 16 32	13 20 37	15 23 40	18 27 43	20 30 46	22 33 48	25 36 51	27 37 53	29 39 55	31 40 57
		CFM	260	325	390	455	520	580	645	710	775	840
		Ps	.03	.05	.07	.10	.13	.16	.20	.24	.28	.33
	24"	P <sub>T</sub>	.04	.05	.08	.11	.14	.18	.22	.26	.31	.37
		NC	10	17	22	27	30	34	37	40	42	45
		Throw	8 12 23	10 15 26	12 18 28	14 21 31	16 23 33	18 24 34	20 26 36	22 27 38	23 28 40	24 29 41
		CFM	360	440	520	600	680	760	840	920	1000	1080
		Ps	.03	.04	.06	.07	.10	.12	.15	.18	.21	.24
	36"	Ρ <sub>T</sub>	.03	.05	.07	.09	.12	.15	.19	.22	.26	.31
		NC	<10	16	21	25	28	32	35	38	41	43
Ø INLET		Throw	9 14 27	11 17 30	13 20 33	15 23 35	17 26 37	19 28 39	21 29 41	23 31 43	25 32 45	27 33 47
0		CFM	480	580	675	775	870	970	1065	1165	1260	1360
		Ps	.03	.04	.05	.07	.09	.11	.13	.16	.19	.22
14"	48"	P <sub>T</sub>	.03	.04	.03	.10	.09	.11	.13	.10	.19	.22
	40											
		NC	11	17	21	25	29	33	35	38	40	43
		Throw	11 16 31	13 19 34	15 22 37	17 26 40	19 29 42	21 32 45	23 33 47	26 35 49	28 36 51	30 37 53
		CFM	550	665	785	900	1015	1135	1250	1365	1485	1600
		Ps	.02	.03	.05	.06	.08	.10	.12	.14	.16	.19
	60"	P <sub>T</sub>	.04	.06	.08	.10	.13	.17	.20	.24	.28	.33
		NC	10	15	20	25	28	32	34	38	40	43
			44 40 00	40 00 07						07 07 50	00 00 55	
		Throw	11 16 32	13 20 37	15 23 40	18 27 43	20 30 46	22 33 48	25 36 51	27 37 53	29 39 55	31 40 57

For performance data notes, see page FF-11.





#### **Test Standard**

- ANSI / ASHRAE Standard 70 "Method of Testing for Rating the Performance of Air Outlets and Inlets"
- Data based on Free Flo linear slot diffuser with Anemostat Model AD insulated engineered plenum attached as a complete assembly.
- Plenums fabricated by others may result in different performance than that shoiwn in these data tables.

#### Sound Levels

• NC is the noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10 dB (ref:10-12 watts) room attenuation that is subtracted from the power levels in each of the 2nd thru 7th octave bands

#### Pressure, inches of water

- Ps is supply duct static pressure
- Pt is supply duct total pressure
- Pv can be calculated from : Pv = Pt Ps

#### **Plenum Sizing Notes**

- Model AD plenums are available with inlet sizes other than shown in the data tables. See Table 1.
- Cross-sectional area of the plenum will impact sound and discharge angles. Anemostat's Model AD-O offset plenums are engineered for use with internal insulation as compared to straight-sided plenums (Model AD-S).
- Plenums can be manufactured for field cut inlets, rectangular inlets, offset inlets, and mulitple inlets on one plenum. Contact factory for details.
- Plenums are availabe in any length up to 72" long.
- Neck velocities in the range of 750-800 fpm are recommended for optimum performance

#### Throw (Horizontal Pattern)

- The numbers shown in table are throw distances, in feet, measured along the jet trajectory axis relating to terminal velocities of 150,100, & 50 fpm, with the jet attached to a surface. The throw distances are for ONE way patterns
- For TWO way applications, the throw in each direction is determined by dividing the TOTAL CFM for the diffuser in half (2 slot) and finding the throw for 1-Slot unit at that CFM.
- For installation with a free, unattached jet, multiply throw value by .70
- Terminal velocity is the air speed, in feet per minute, measured in the supply airstream.

Table 1. Plenum Inlet Sizes							
Inlet Size	Area, Ft <sup>2</sup>						
4" Ø	.088						
5" Ø	.136						
6" Ø	.196						
7" Oval	.250						
7" Ø	.267						
8" Oval	.320						
8" Ø	.349						
9" Oval	.380						
9" Ø	.442						
10" Oval	.450						
10" Ø	.545						
12" Oval	.580						
12" Ø	.785						
14" Ø	1.069						
16" Ø	1.396						

For software selection method, download *Anemostat's FLO software* (www.anemostat-hvac.com)