5/32" DIAMETER HOLES ON 7/32" STAGGERED CENTERS

NECK SIZE Nom W	NECK SIZE Nom H	Pt	0.04	0.06	0.08	0.11	0.15	0.18	0.23	0.28	0.33	0.38
6	6	CFM	40	50	60	70	80	90	100	110	120	130
		NC	<20	<20	<20	<20	<20	<20	<20	<20	21	24
		Throw	2 5 14	3 8 15	5 11 17	7 13 18	9 14 19	11 15 21	13 15 22	13 16 23	14 17 24	14 18 25
8	8	CFM	80	90	110	130	150	170	190	210	230	250
		NC	<20	<20	<20	<20	<20	<20	<20	21	24	26
		Throw	3 8 19	4 10 21	7 15 23	9 18 25	12 19 27	16 20 28	17 21 30	18 22 32	19 23 33	20 24 34
10	8	CFM	100	120	140	170	190	220	240	260	290	310
		NC	<20	<20	<20	<20	<20	<20	<20	22	25	27
		Throw	4 9 22	5 12 24	7 17 26	11 20 28	14 21 30	18 23 32	19 24 34	20 25 35	21 26 37	22 27 38
10	10	CFM	120	150	180	210	240	270	310	340	370	400
		NC	<20	<20	<20	<20	<20	<20	20	23	26	28
		Throw	4 9 24	6 13 27	9 19 29	12 22 32	15 24 34	19 25 36	22 27 38	23 28 40	24 30 42	25 31 44
12	12	CFM	180	220	270	310	360	400	450	490	540	580
		NC	<20	<20	<20	<20	<20	<20	22	25	28	30
		Throw	5 11 29	7 16 32	11 24 36	14 27 38	19 29 41	24 31 44	27 33 46	28 34 48	29 36 51	30 37 52
14	14	CFM	250	310	370	430	500	560	620	680	750	810
		NC	<20	<20	<20	<20	<20	20	23	26	29	32
		Throw	6 13 34	9 20 38	12 28 42	17 32 45	23 34 49	28 36 52	31 38 54	33 40 57	34 42 60	36 44 62
18	12	CFM	270	340	410	480	550	620	690	750	820	890
		NC	<20	<20	<20	<20	<20	20	24	27	29	32
		Throw	6 13 36	9 20 40	13 30 44	18 34 48	24 36 51	30 38 54	33 40 57	34 42 60	36 44 62	38 46 65
16	16	CFM	330	410	490	570	660	740	820	900	980	1070
		NC	<20	<20	<20	<20	<20	21	24	28	30	33
		Throw	7 15 40	10 23 44	14 32 48	19 37 52	26 40 56	33 42 59	36 44 62	38 46 65	39 48 68	41 50 71
24	14	CFM	430	540	650	760	870	980	1090	1190	1300	1410
		NC	<20	<20	<20	<20	<20	22	26	29	31	34
		Throw	7 16 45	11 26 51	17 37 56	23 42 60	30 45 64	38 48 68	42 51 72	43 53 75	45 56 79	47 58 82
20	20	CFM	520	650	780	910	1040	1170	1300	1430	1560	1690
		NC	<20	<20	<20	<20	<20	23	26	30	32	35
		Throw	8 18 50	13 28 56	18 41 61	25 46 66	32 50 70	41 53 74	45 56 79	48 58 82	50 61 86	52 63 90
22	22	CFM	630	790	950	1110	1270	1430	1590	1750	1900	2060
		NC	<20	<20	<20	<20	20	24	27	30	33	36
		Throw	9 20 55	14 31 61	20 45 67	27 51 73	36 55 78	45 58 82	50 61 87	53 64 91	55 67 95	57 70 99
24	24	CFM	760	950	1140	1330	1520	1710	1900	2090	2280	2470
		NC	<20	<20	<20	<20	21	25	28	31	34	36
		Throw	10 22 60	15 35 67	22 50 74	30 56 79	39 60 85	50 64 90	55 67 95	57 70 100	60 74 104	62 77 108

Test Standard
- ANSI / ASHRAE standard 70
- Isothermal conditions

Sound Levels
- NC is noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10dB (ref: 10^{-12} watts) room attenuation that is subtracted from the power levels in each of the 2nd thru 7th octave bands
- For *RRFP-2 Supply, Add +3 NC
- For *RRFP-1 Return, Add +3 NC
- For *RRFP-2 Return, Add +6 NC

Throw
- The numbers shown are throw distances, in feet, measured along the jet trajectory axis relating to terminal velocities of 150,100,& 50 fpm and include a surface effect.
- Terminal velocity is the air speed, in feet per minute, measured in the supply air stream.
- For a free jet (no surface effect), throws are 70% of the table values above.

Pressure
- P_t represents total pressure, inches of water, for supply
- For return use, negative static pressure is equal to supply total pressure: $-P_s = P_t$ (supply)
- Ps static pressure can be calculated by subtracting the Velocity pressure from the Total Pressure (P_t), inches of water
- All pressures are stated and calculated in inches of water.

IMPORTANT It is the specifier's responsibility to properly configure the HVAC system to meet the appropriate level of comfort, safety, security and detention