

MODEL AJ, AJR PERFORMANCE DATA

SUPPLY SLOT PERFORMANCE

24" NOMINAL LENGTH							48" NOMINAL LENGTH						60" NOMINAL LENGTH							
1-SLOT 1-WAY	CFM	20	40	60	80	100	1-SLOT 1-WAY	CFM	40	80	120	160	200	1-SLOT 1-WAY	CFM	50	100	150	200	250
	P _s	.01	.03	.06	.10	.15		P _s	.01	.03	.08	.14	.20		P _s	.01	.04	.09	.15	.24
	Throw NC	11 (20)	17 (20)	22 (20)	25 (20)	27 (20)		Throw NC	11 (20)	17 (20)	22 (20)	25 (20)	27 (20)		26 (20)	32	Throw NC	11 (20)	17 (20)	22 (20)
2-SLOT 1-WAY	CFM	40	80	120	160	200	2-SLOT 1-WAY	CFM	80	160	240	320	400	2-SLOT 1-WAY	CFM	100	200	300	400	500
	P _s	.01	.03	.07	.12	.18		P _s	.01	.04	.08	.14	.22		P _s	.01	.04	.08	.14	.22
	Throw NC	14 (20)	21 (20)	27 (20)	31 (20)	34 (20)		Throw NC	14 (20)	21 (20)	27 (20)	31 (20)	34 (20)		37	Throw NC	14 (20)	21 (20)	27 (20)	31 (20)
2-SLOT 2-WAY	CFM	40	80	120	160	200	2-SLOT 2-WAY	CFM	80	160	240	320	400	2-SLOT 2-WAY	CFM	100	200	300	400	500
	P _s	.01	.03	.06	.09	.14		P _s	.01	.03	.06	.09	.15		P _s	.01	.03	.06	.11	.17
	Throw NC	.11 (20)	.17 (20)	.22 (20)	.25 (20)	.27 (20)		Throw NC	.11 (20)	.17 (20)	.22 (20)	.25 (20)	.27 (20)		.26 (20)	.32	Throw NC	.11 (20)	.17 (20)	.22 (20)
3-SLOT 1-WAY	CFM	60	120	180	240	300	3-SLOT 1-WAY	CFM	120	240	360	480	600	3-SLOT 1-WAY	CFM	150	300	450	600	750
	P _s	.01	.03	.06	.12	.19		P _s	.01	.03	.06	.12	.19		P _s	.01	.03	.07	.13	.21
	Throw NC	17 (20)	27 (20)	35 (20)	40 (20)	43 (20)		Throw NC	17 (20)	27 (20)	35 (20)	40 (20)	43 (20)		21 (20)	30 (20)	37	Throw NC	17 (20)	27 (20)
3-SLOT 2-WAY	CFM	60	120	180	240	300	3-SLOT 2-WAY	CFM	120	240	360	480	600	3-SLOT 2-WAY	CFM	150	300	450	600	750
	P _s	.01	.03	.06	.10	.15		P _s	.01	.03	.06	.10	.16		P _s	.01	.03	.06	.11	.18
	Throw 1	11	17	22	25	27		Throw 1	11	17	22	25	27		Throw 1	11	17	22	25	27
	Throw 2 NC	14 (20)	21 (20)	27 (20)	31 (20)	34 (20)		Throw 2 NC	14 (20)	21 (20)	27 (20)	31 (20)	38		Throw 2 NC	14 (20)	21 (20)	27 (20)	31 (20)	34 (20)
4-SLOT 2-WAY	CFM	80	160	240	320	400	4-SLOT 2-WAY	CFM	160	320	480	640	800	4-SLOT 2-WAY	CFM	200	400	600	800	1000
	P _s	.01	.03	.06	.10	.15		P _s	.01	.03	.06	.11	.17		P _s	.01	.03	.07	.13	.20
	Throw NC	14 (20)	21 (20)	27 (20)	31 (20)	34 (20)		Throw NC	14 (20)	21 (20)	27 (20)	31 (20)	34 (20)		42	Throw NC	14 (20)	21 (20)	27 (20)	31 (20)

RETURN SLOT PERFORMANCE

24" NOMINAL LENGTH							48" NOMINAL LENGTH						60" NOMINAL LENGTH							
1-SLOT	CFM	20	40	60	80	100	1-SLOT	CFM	40	80	120	160	200	1-SLOT	CFM	50	100	150	200	250
	-P _s	.01	.03	.06	.10	.18		-P _s	.01	.03	.06	.10	.19		-P _s	.01	.03	.06	.11	.22
2-SLOT	CFM	40	80	120	160	200	2-SLOT	CFM	80	160	240	320	400	2-SLOT	CFM	100	200	300	400	500
	-P _s	.01	.03	.06	.10	.19		-P _s	.01	.03	.06	.11	.20		-P _s	.01	.03	.06	.12	.23

P_s- Static Pressure in inches of water.

Throw- Distances in feet to terminal velocity of 50 fpm.

Throw 1 and Throw 2 indicate number of slots throwing each direction on 3-slot, 2-way diffuser.

NC- Noise Criteria based on 10db room absorption.

Performance data is based on tests performed at a private laboratory and ETL testing Laboratories in accordance with ADC 1062 GRD-84 Test Code.