

FAX TRANSMITTAL FORM

JOHN ZINK COMPANY

A Division of Koch Engineering Company, Inc.
P.O. Box 702220
Tulsa, OK 74170

DELIVER TO:	MR. WALTER OGLESBY	DATE: May 21, 1991
COMPANY:	PPG LAKE CHARLES, LA	
FAX NUMBER:	(318) 491-4766	
TOTAL PAGES:	3	
SENDER'S NAME:	JAKE CAMPBELL	MSG. NO.:
YOUR REFERENCE: INCINERATOR QUENCH GUNS OUR REFERENCE:		
FAX COPIES TO:	HOUSTON OFFICE	
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IF MISSENT, PLEASE TELEPHONE 918 748-1566. THIS MESSAGE IS BEING SENT FROM RAPICOM 918 748-1563.

Attached please find the information you requested per our telecon this morning. We recommend using the 4 GPM tip because of the smaller droplet size as indicated by the attached graph. The price to convert your existing guns to removable type should be forthcoming.

If you need anything else please call.

SL 001731

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Subject to Protective Order
of 14th Judicial District Court
No. 91-1145

4 GPM	LIQUID FLOW		LIQUID PRESSURE (PSIG)								
	GPM	GPH	at these Air Pressures (PSIG)								
			20	30	40	50	60	70	80	90	100
In-Line P/N 32668-1	.33	20	9.5	15	21	27	32	38	45	51	57
	.50	30	11.5	18	24	30	36	42	49	55	61
	.66	40	13	19	25	32	38	45	51	58	64
	1.0	60	17	24	32	38	45	52	59	66	73
	2.0	120	28	36	45	53	61	69	77	85	93
	3.0	180	42	50	59	69	78	88	95	104	113
	4.0	240	50	60	69	78	87	96	105	115	124
In-Line P/N 32668-1	.33	20	12	15	21	25	29	34	38	42	47
	.50	30	11	15.5	20	24	28	33	37	41	46
	.66	40	10.5	14.5	19	23	27	32	35	40	45
	1.0	60	9	13	17	21	25	30	34	38	42
	2.0	120	6	8	11	15	19	22	26	30	33
	3.0	180	4	5	7	10	13	16	19	22	25
	4.0	240	3	4	5	7	9	11	14	16	19

2.5 GPM	LIQUID FLOW		LIQUID PRESSURE (PSIG)										
	GPM	GPH	at these Air Pressures (PSIG)										
			20	30	40	50	60	70	80	90	100		
Right Angle P/N 31894-1	.33	20	11	15	20	24	28	34	38	44	51	58	66
	.50	30	13	20	27	34	41	48	54	61	68	76	85
	.66	40	14	22	29	36	43	50	57	64	71	79	88
	1.0	60	16	24	32	40	48	56	63	71	79	88	97
	1.5	90	18	26	36	44	52	60	69	77	86	95	104
	2.0	120	20	30	39	48	57	66	75	84	93	102	111
2.5	150	22	32	41	50	60	69	78	88	97	106	115	
2.5 GPM	LIQUID FLOW		AIR FLOW (SCFM)										
	GPM	GPH	at these Air Pressures (PSIG)										
			20	30	40	50	60	70	80	90	100		
Right Angle P/N 31894-1	.33	20	8.5	9.0	11.5	14	15.5	19	21.5	24	26.5	29.5	32.5
	.50	30	8.0	8.0	10.5	13	15.5	18.5	20.5	23	25.5	28.5	31.5
	.66	40	8.0	7.5	10.0	12.5	15	17.5	20	22.5	25.0	27.5	30.5
	1.0	60	4.0	6.5	8.5	11	13	15.5	18	20	22.5	25.0	27.5
	1.5	90	2.5	4.5	6.5	9	11	13	15	17.5	19.5	22.5	25.5
	2.0	120	—	2.0	4.0	6	8	10	12	14	16	18	20
2.5	150	—	1.5	3.0	4.5	6	7	9	11	12	14	16	

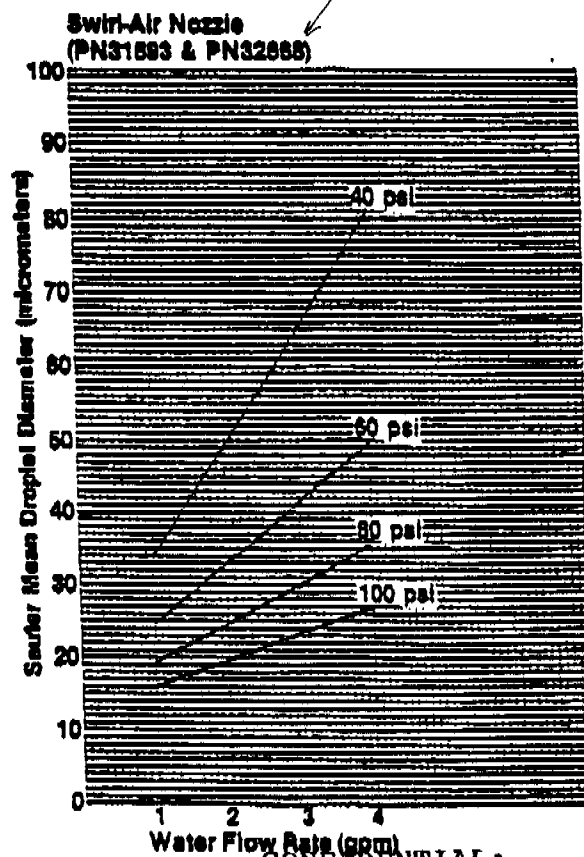
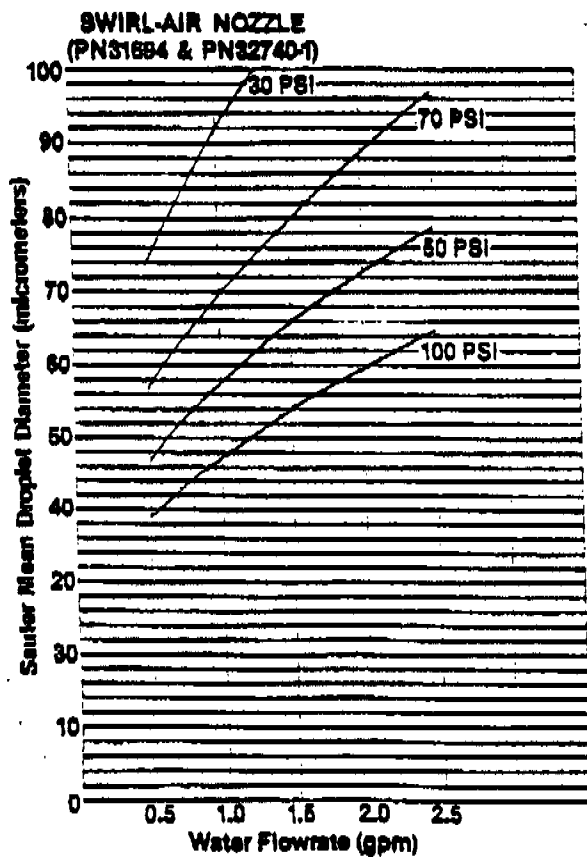
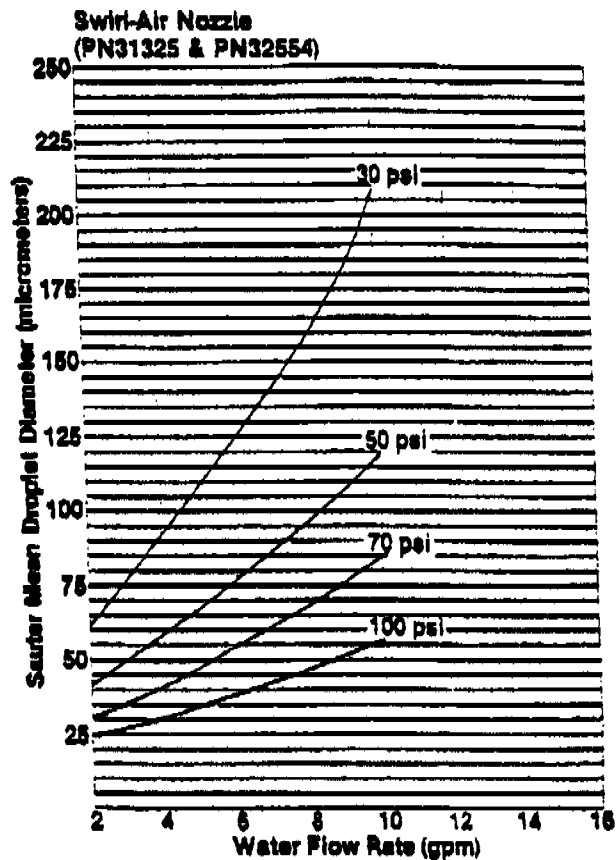
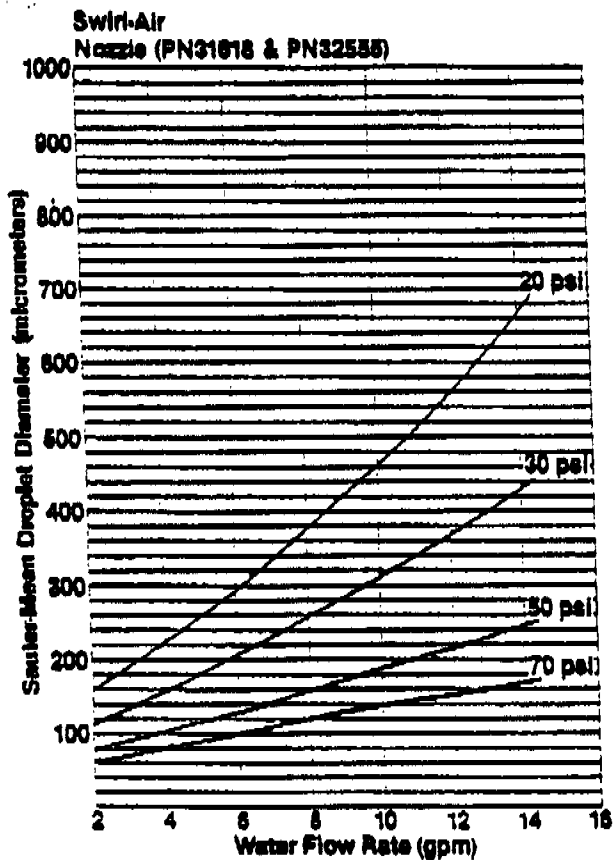
2.5 GPM	LIQUID FLOW		LIQUID PRESSURE (PSIG)								
	GPM	GPH	at these Air Pressures (PSIG)								
			20	30	40	50	60	70	80	90	100
In-Line P/N 32740-1	.33	20	10	17	23	29	35	41	47	53	59
	.50	30	12	19	26	33	39	46	50	56	62
	.66	40	14	20	27	35	42	48	53	59	65
	1.0	60	16	24	32	39	47	54	61	68	75
	1.5	90	19	28	36	45	53	60	68	76	84
	2.0	120	21	30	39	48	57	66	75	83	92
2.5	150	23	32	42	51	60	70	79	88	97	
2.5 GPM	LIQUID FLOW		AIR FLOW (SCFM)								
	GPM	GPH	at these Air Pressures (PSIG)								
			20	30	40	50	60	70	80	90	100
In-Line P/N 32740-1	.33	20	6.0	8.5	11	13	15.5	18	20.5	23	25
	.50	30	6.0	7.5	10	12.5	15	17	19.5	22	24
	.66	40	4.5	7.0	9.5	11.5	14	16.5	19	21	23
	1.0	60	—	5.5	7.5	10	12.5	14.5	17	19	21
	1.5	90	—	—	6.5	7.5	10	12	14	16	18
	2.0	120	—	—	—	5.5	7.5	9.5	11	13	15
2.5	150	—	—	—	—	6.5	7.0	8	10	12	

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Subject to Protective Order
of 14th Judicial District (C)
No. 91-1145



SL 001733

CONFIDENTIAL:
Subject to Protective Order
of 14th Judicial District Court
No. 91-1145