

ROTOR

PERFORMANCE			
NOZZLE	PRESSURE PSI	RADIUS FT.	FLOW GPM
#0.75	30	29'	.7
	40	30'	.8
	50	30'	.9
	60	31'	1.0
#1	30	30'	0.9
	40	31'	1.0
	50	31'	1.2
	60	32'	1.3
#1.5	30	32'	1.2
	40	33'	1.4
	50	34'	1.6
	60	34'	1.8
#2	30	34'	1.6
	40	36'	1.8
	50	38'	2.0
	60	38'	2.2
#3 PRE-INSTALLED	30	36'	2.0
	40	38'	2.4
	50	40'	2.7
	60	40'	2.9
#4	30	36'	2.6
	40	40'	3.0
	50	42'	3.4
	60	42'	3.7
#6	40	38'	4.2
	50	43'	4.9
	60	46'	5.5
	70	47'	6.0
#8	40	45'	6.0
	50	48'	6.8
	60	49'	7.6
	70	51'	8.2

METRIC					
NOZZLE	PRESSURE		RADIUS	FLOW RATE	
	kPa	BARS	METERS	L/M	M³/H
#0.75	206	2.1	8.8	2.6	.16
	275	2.8	9.1	3.0	.18
	344	3.4	9.1	3.4	.20
	413	4.1	9.4	3.8	.23
	206	2.1	9.1	3.4	.20
#1	275	2.8	9.4	3.8	.23
	344	3.4	9.4	4.5	.27
	413	4.1	9.8	4.9	.30
	206	2.1	9.8	4.5	.27
	275	2.8	10.1	5.3	.32
#1.5	344	3.4	10.4	6.1	.36
	413	4.1	10.4	6.8	.41
	206	2.1	10.4	6.1	.36
	275	2.8	11.0	6.8	.41
	344	3.4	11.6	7.6	.45
#2	413	4.1	11.6	8.3	.50
	206	2.1	11.0	7.6	.45
	275	2.8	11.6	9.1	.55
	344	3.4	12.2	10.2	.61
	413	4.1	12.2	11.0	.66
#3 PRE-INSTALLED	206	2.1	11.0	9.8	.59
	275	2.8	12.2	11.4	.68
	344	3.4	12.8	12.9	.77
	413	4.1	12.8	14.0	.84
	206	2.1	11.6	15.9	.91
#4	275	2.8	13.1	18.5	1.11
	344	3.4	14.0	20.8	1.25
	413	4.1	14.3	22.7	1.36
	275	2.8	13.7	22.7	1.36
	344	3.4	14.6	25.7	1.54
#6	413	4.1	14.9	28.8	1.73
	482	4.8	15.5	31.0	1.86

LOW ANGLE DATA			
NOZZLE	PRESSURE PSI	RADIUS FT.	FLOW GPM
#1	30	22'	1.2
	40	24'	1.7
	50	26'	1.8
	60	28'	2.0
#3	30	29'	3.0
	40	32'	3.1
	50	35'	3.5
	60	37'	3.8
#4	30	31'	3.4
	40	34'	3.9
	50	37'	4.4
	60	38'	4.7
#6	40	38'	6.5
	50	40'	7.3
	60	42'	8.0
	70	44'	8.6

METRIC					
NOZZLE	PRESSURE		RADIUS	FLOW RATE	
	kPa	BARS	METERS	L/M	M³/H
#1	207	2.0	6.7	4.5	.34
	275	3.0	7.3	6.4	.39
	344	3.5	7.9	6.8	.41
	413	4.0	8.5	7.6	.46
	207	2.0	8.8	11.4	.68
#3	275	3.0	9.8	11.7	.71
	344	3.5	10.7	13.2	.80
	413	4.0	11.3	14.4	.87
	207	2.0	9.4	12.9	.78
	275	3.0	10.4	14.8	.89
#4	344	3.5	11.3	16.7	1.00
	413	4.0	11.6	17.8	1.07
	275	3.0	11.6	24.6	1.68
	344	3.5	12.2	27.6	1.66
	413	4.0	12.8	30.3	1.82
#6	482	5.0	13.4	32.6	1.96