



# NOZZLE FLOW RATE AND REACTION FORCE COMPARISON CHART

## STANDARD AND LOW PRESSURE ATTACK NOZZLE STEM CHART FLOW RATE (REACTION FORCE)

NOZZLE PRESS.	125 GPM @ 75 PSI	150 GPM @ 50 PSI	150 GPM @ 75 PSI	150 GPM @ 100 PSI	175 GPM @ 75 PSI	175 GPM @ 100 PSI	185 GPM @ 75 PSI	200 GPM @ 75 PSI	200 GPM @ 50 PSI	250 GPM @ 50 PSI	250 GPM @ 100 PSI	325 GPM @ 100 PSI
40	92 (29)	134 (43)	109 (35)	95 (30)	128 (41)	111 (35)	134 (43)	145 (47)	179 (57)	224 (72)	158 (50)	206 (66)
45	97 (33)	142 (48)	116 (39)	101 (34)	136 (46)	117 (40)	142 (48)	155 (53)	190 (64)	237 (80)	168 (57)	218 (74)
50	103 (37)	150 (54)	122 (44)	106 (38)	143 (51)	124 (44)	150 (54)	163 (58)	200 (71)	250 (85)	177 (73)	230 (82)
55	108 (40)	160 (59)	128 (48)	111 (42)	150 (56)	130 (49)	160 (59)	171 (64)	210 (79)	263 (98)	185 (69)	241 (90)
60	112 (44)	165 (64)	134 (52)	116 (45)	156 (61)	136 (53)	165 (64)	179 (70)	219 (86)	274 (107)	194 (76)	252 (99)
65	117 (48)	171 (70)	139 (57)	121 (49)	163 (66)	141 (57)	171 (70)	185 (76)	228 (93)	285 (116)	202 (82)	262 (107)
70	121 (51)	177 (75)	145 (61)	125 (53)	169 (71)	146 (62)	177 (75)	193 (82)	237 (100)	296 (125)	209 (88)	272 (115)
75	125 (55)	185 (80)	150 (66)	130 (57)	175 (77)	152 (66)	185 (80)	200 (87)	245 (107)	307 (134)	217 (95)	281 (123)
80	130 (59)	190 (86)	155 (70)	134 (61)	181 (82)	157 (71)	190 (86)	207 (93)	253 (114)	317 (143)	224 (101)	291 (131)
90	138 (66)	201 (96)	164 (79)	142 (68)	192 (92)	166 (80)	201 (96)	220 (105)	268 (128)	336 (161)	237 (114)	308 (148)
100	145 (73)	212 (107)	173 (87)	150 (76)	202 (102)	175 (88)	212 (107)	230 (117)	283 (143)	354 (179)	250 (126)	325 (164)
110	152 (81)	222 (118)	181 (76)	157 (83)	212 (112)	184 (97)	222 (118)	245 (130)	297 (157)	371 (196)	262 (139)	341 (181)