

# THEORETICAL TOTAL IMPACT OF SPRAYING WATER

Impact Force (lbs.) = .0526 x GPM x $\sqrt{\text{PSI}}$		
SPRAY PATTERN	SPRAY ANGLE	% IMPACT/SQ. IN. OF THEORETICAL IMPACT*
FLAT FAN	15	30%
FLAT FAN	25	18%
FLAT FAN	35	13%
FLAT FAN	40	12%
FLAT FAN	50	10%
FLAT FAN	65	7%
FLAT FAN	80	5%
* AT 12" (30 CM) DISTANCE FROM THE NOZZLE		