PJ Flow Rates and Dimensions

Impingement, 90° Spray Angle, 1/8" or 1/4" Pipe Sizes

Male Pipe Size	Nozzle Number	K Factor	GALLONS PER MINUTE @ PSI 30 PSI	40 PSI	50 PSI	60 PSI	80 PSI	100 PSI	200 PSI	400 PSI	1000 PSI	Approx. Orifice Dia. (in.)	Approx. Coverage (inches) D	Approx. Spray Height H (in.)	Pipe Size	Approx. Dim. (in.) A	Approx. Dim. (in.) B	Wt. (oz.) Metal
	PJ6	0.00095			0.006	0.007	0.008	0.010	0.013	0.019	0.030	0.006	10	5				
	PJ8	0.00180			0.013	0.014	0.016	0.018	0.025	0.036	0.057	0.008	10	5				
1/8	**PJ10**	0.00269		**0.017**	0.019	0.021	0.024	0.027	0.038	0.054	0.085	0.010	10	5	1/8	0.75	0.44	
	PJ12	0.00364		**0.023**	0.026	0.028	0.033	0.036	0.051	0.073	0.115	0.012	10	5				
	PJ15	0.00585	0.032	**0.037**	0.041	0.045	0.052	0.059	0.083	0.117	0.19	0.015	10	5				
OR	**PJ20**	0.0106	0.058	**0.067**	0.075	0.082	0.095	0.11	0.15	0.21	0.34	0.020	12	6				0.25
	PJ24	0.0158	0.087	**0.10**	0.11	0.12	0.14	0.16	0.22	0.32	0.50	0.024	16	8				
	PJ28	0.0206	0.11	**0.13**	0.15	0.16	0.18	0.21	0.29	0.41	0.65	0.028	18	9	1/4	0.97	0.56	
1/4	**PJ32**	0.0285	0.16	**0.18**	0.20	0.22	0.25	0.28	0.40	0.57	0.90	0.032	22	11				
	PJ40	0.0443	0.24	**0.28**	0.31	0.34	0.40	0.44	0.63	0.89	1.40	0.040	24	12				

Flow Rate (*GPM*) = *K* *PSI*

Standard Materials: Brass, 303 Stainless Steel and 316 Stainless Steel. See chart on page 17 for complete list.