

Binary Nozzle Z-F

MC

Output water (l/h) - Air required (NI/min.)

Type	Liquid pressure (bar)															Spray pattern dimensions						
	0.7			1.4			2.1			2.8			4.1			Air pres. (bar)	Water (bar)	Spray angle	A 15 cm	B 23 cm	C 38 cm	E max. (m)
	Comp. air	Output		Comp. air	Output		Comp. air	Output		Comp. air	Output		Comp. air	Output								
	Water	Air	Water	Air	Water	Air	Water	Air	Water	Air	Water	Air	Water	Air								
Z-F 1	0.7	5.5	23.8	1.2	8.2	31.7	1.9	9.4	41.6	2.6	10.5	52.1	3.8	12.9	68.8							
	0.8	4.7	27.2	1.5	6.9	37.1	2.2	8.3	46.4	2.9	9.4	56.9	4.5	10.7	80.7	1.1	0.7	80°	25.4	35.6	45.7	2.6
	1.0	4.1	30.6	1.8	5.7	42.5	2.5	7.2	51.5	3.2	8.3	62.0	5.2	8.6	92.3	2.1	1.4		35.6	48.3	66.0	3.0
	1.1	3.5	34.0	2.1	4.5	47.6	2.8	6.0	56.6	3.4	7.3	67.1	5.9	6.4	104	2.8	2.1	to	38.1	53.3	76.2	3.2
	1.2	3.0	37.4	2.3	3.5	53.0	3.0	4.9	61.7	4.1	4.7	79.6	6.2	5.3	116	3.4	2.8		47.0	61.0	86.4	3.4
	1.4	2.5	40.5	2.6	2.6	58.6	3.3	3.9	66.8	4.5	3.5	85.5	6.6	4.3	122	5.9	4.1	120°	55.9	73.7	94.0	4.0
	1.5	2.0	43.9	2.8	2.2	61.2	3.8	2.5	75.9	4.8	2.5	92.0	6.9	3.3								
Z-F 2	0.8	8.2	19.8	1.4	12.7	27.2	2.1	15.1	36.0	2.6	17.6	42.2	4.5	18.2	67.4							
	1.0	6.8	23.2	1.7	10.3	32.3	2.3	12.9	41.1	2.9	15.7	46.7	4.8	15.9	74.2	1.1	0.7	100°	35.6	45.7	71.1	2.1
	1.1	5.5	26.9	1.9	7.8	37.9	2.6	10.8	46.4	3.2	13.6	52.4	5.2	13.7	81.0	2.1	1.4		43.2	61.0	81.3	2.4
	1.2	4.1	30.3	2.1	6.7	41.1	2.9	8.7	52.4	3.4	11.7	58.1	5.5	11.5	87.8	2.9	2.1	to	50.8	66.0	88.9	2.6
	1.4	2.9	34.0	2.2	5.5	44.2	3.2	6.5	58.6	4.1	6.7	73.1	5.9	9.4	94.9	3.4	2.8		58.4	76.2	96.5	2.7
				2.3	4.5	47.3	3.3	5.4	61.7	4.5	4.5	80.4	6.2	7.5	102	5.5	4.1	130°	58.4	76.2	96.5	3.2
			2.5	3.6	50.4	3.4	4.5	64.6	4.8	2.9	87.5	6.6	5.9	109								
Z-F 3	1.0	9.1	25.2	1.5	12.1	32.0	2.3	12.9	46.2	2.8	16.7	50.1	4.1	18.9	71.6							
	1.1	7.9	29.7	1.8	10.6	39.1	2.6	11.0	52.7	3.0	14.4	56.4	4.5	16.7	77.3	1.4	0.7	40°	10.2	12.7	17.8	3.0
	1.2	6.4	32.3	2.1	7.9	45.9	2.9	8.7	58.6	3.3	12.5	62.9	4.8	14.8	85.0	2.3	1.4		12.7	15.2	20.3	3.7
	1.4	5.3	35.7	2.3	5.7	53.0	3.2	6.8	68.8	3.7	9.8	72.2	5.2	12.9	92.0	3.2	2.1	to	12.7	17.8	22.9	4.0
	1.7	3.1	43.6	2.6	4.5	59.5	3.4	5.3	73.1	4.1	7.2	84.4	5.5	11.4	101	3.7	2.8		15.2	22.9	27.9	4.3
	1.9	2.0	49.8	2.9	2.7	67.4	4.1	2.3	89.5	4.8	4.2	100	6.2	8.7	117	5.2	4.1	70°	20.3	25.4	33.0	4.9
	2.2	1.1	55.5	3.3	1.5	76.2	4.8	1.2	103	5.9	1.5	121	6.9	7.6	132							
Z-F 4	1.2	3.9	29.7	2.1	5.9	40.5	2.9	7.8	49.6	3.8	8.2	60.9	5.2	12.1	75.3							
	1.4	3.0	32.6	2.3	4.2	45.6	3.0	6.8	52.4	4.1	6.1	67.4	5.5	10.1	82.1	1.5	0.7	80°	25.4	33.0	45.7	1.8
	1.5	2.3	35.4	2.5	3.4	48.1	3.2	5.9	54.9	4.5	4.4	74.2	5.9	8.3	88.6	2.6	1.4		35.6	50.8	68.6	2.0
	1.7	1.8	38.2	2.6	2.8	50.7	3.3	5.1	57.8	4.8	2.9	80.7	6.2	6.6	95.2	3.2	2.1	to	58.4	73.7	91.4	2.0
	1.8	1.3	41.1	2.8	2.3	53.2	3.4	4.3	60.3							4.1	2.8		61.0	73.7	94.0	2.1
	1.9	0.9	43.9	2.9	1.8	55.8	3.8	2.6	66.8							5.5	4.1	130°	63.5	76.2	96.5	2.3
			3.0	1.3	58.6																	
Z-F 5	1.0	17.0	22.7	1.7	28.4	35.1	2.3	36.0	49.3	3.0	42.0	62.3	3.9	75.0	72.5							
	1.1	11.0	27.5	1.8	22.7	40.8	2.5	29.5	55.5	3.2	36.7	69.7	4.1	63.2	84.1	1.1	0.7	40°	10.2	12.7	15.2	2.4
	1.2	7.6	33.1	1.9	17.0	47.6	2.6	24.6	62.3	3.3	31.8	76.2	4.5	51.1	99.1	2.1	1.4		10.2	12.7	17.8	3.0
	1.4	3.2	40.2	2.1	12.9	51.5	2.8	19.7	71.6	3.6	21.6	93.5	4.8	36.7	123	2.8	2.1	to	12.7	17.8	22.9	3.4
				2.2	9.1	58.3	2.9	15.5	75.0	3.9	14.8	109	5.5	18.2	162	3.6	2.8		15.2	20.3	27.9	3.7
			2.3	4.9	65.7	3.2	9.8	92.0	4.1	9.1	124	6.2	6.8	210	4.8	4.1	70°	20.3	25.4	35.6	4.0	
			2.5	3.0	73.9	3.4	4.2	105	4.5	4.2	143	6.6	2.6	237								
Z-F 6	1.1	11.2	54.4	1.9	16.8	75.3	2.6	22.5	91.2	3.2	28.4	104	4.5	36.7	136	1.4	0.7		15.2	17.8	20.3	3.0
	1.2	8.5	59.5	2.1	14.6	80.4	2.8	20.4	96.3	3.4	24.4	112	4.8	32.6	147	2.2	1.4	55°	22.9	27.9	33.0	3.2
	1.4	6.5	65.1	2.2	12.5	86.1	2.9	18.4	101	3.6	22.3	118	5.2	28.4	159	2.9	2.1		25.4	33.0	45.7	3.4
	1.5	5.0	70.8	2.3	10.5	91.2	3.0	16.4	106	3.7	20.4	122	5.5	24.2	170	3.7	2.8	to	30.5	38.1	45.7	3.5
	1.7	3.8	76.5	2.5	8.6	96.3	3.2	14.3	111	3.9	18.4	127	5.9	20.1	184	5.2	4.1		33.0	40.6	48.3	4.0
						3.3	12.3	117	4.0	16.4	133	6.2	16.1	197			95°					
									4.1	14.5	139											
Z-F 7	0.8	26.5	32.6	1.5	43.5	46.7	2.3	46.9	62.3	3.2	51.9	77.9	4.5	69.3	101							
	1.0	20.4	38.2	1.8	31.4	57.2	2.6	37.1	72.8	3.4	41.3	88.9	5.2	47.7	127	1.1	0.7	60°	17.8	22.9	30.5	3.4
	1.1	15.9	44.5	2.1	22.7	68.0	2.9	29.5	83.5	3.7	32.9	99.4	5.5	40.1	140	2.2	1.4		22.9	30.5	40.6	3.5
	1.2	12.5	47.9	2.2	19.3	73.6	3.2	22.3	94.6	3.9	29.5	105	5.9	32.9	153	3.2	2.1	to	25.4	33.0	43.2	3.7
	1.4	10.2	55.8	2.3	16.3	78.7	3.3	18.9	100	4.1	24.2	115	6.2	26.1	166	3.9	2.8		30.5	38.1	48.3	3.8
	1.5	7.6	62.3	2.5	13.6	84.1	3.4	16.3	105	4.5	17.4	128	6.6	20.8	178	5.9	4.1	95°	33.0	40.6	50.8	4.4
			2.6	11.4	89.5	3.6	14.0	110	4.8	12.5	142	6.9	17.0	191								
Z-F 8	1.0	29.1	89.8	1.8	39.7	129	2.3	78.7	135	2.9	111	146	4.0	169	171							
	1.1	18.9	109	1.9	26.5	146	2.5	62.8	149	3.0	95.0	159	4.1	155	182	1.0	0.7	60°	17.8	20.3	25.4	3.4
							2.6	48.5	164	3.2	78.7	171	4.5	119	211	1.8	1.4		25.4	30.5	43.2	3.8
							2.8	36.0	180	3.3	63.2	187	4.8	85.2	248	2.6	2.1	to	25.4	30.5	45.7	4.3
							2.9	25.4	194	3.4	49.6	203	5.2	56.8	286	3.3	2.8		33.0	40.6	53.3	4.6
										3.6	37.9	220	5.5	32.9	324	4.8	4.1	100°	35.6	43.2	58.4	5.2
									3.7	27.6	235											