

Deflected flat fan air nozzle with internal-mixing pressure system

Characteristics

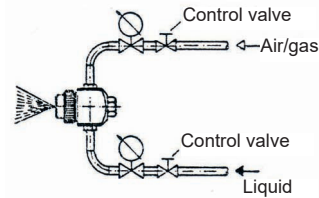
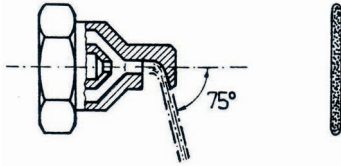
The nozzle combination's grooved outlet geometry creates a deflected flat fan spray pattern.

Connection 1/8"

Connection 1/4"

For functions see page 10.1 - 10.2

For dimensions and adjustment see page 10.3 - 10.4



Liquid is pressure-led into the nozzle. If liquid and compressed air or gas mix inside of the nozzle, the result is a fine atomization degree.

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

Type	Spray angle	Liquid pressure (bar)																	
		0.7			1.4			2.1			2.8			4.1			5.5		
		Comp. air	Output Water	Air	Comp. air	Output Water	Air	Comp. air	Output Water	Air	Comp. air	Output Water	Air	Comp. air	Output Water	Air	Comp. air	Output Water	Air
Z-Z 1	75°	0.4	11.0	45.3	1.0	14.8	73.6	1.5	17.8	93.5	1.8	22.0	102.0	2.6	28.0	130.3	3.7	31.4	169.9
	75°	0.6	9.5	53.8	1.1	13.2	79.3	1.7	16.3	102.0	2.2	18.2	124.6	3.0	25.0	150.1	4.0	29.5	181.2
	75°	0.7	7.6	65.1	1.2	11.7	87.8	1.8	15.1	107.6	2.3	16.7	130.3	3.2	24.2	155.8	4.3	28.0	195.4
	75°	0.8	5.7	76.5	1.4	10.6	99.1	1.9	14.0	116.1	2.5	15.5	141.6	3.6	21.2	178.4	4.4	27.3	206.7
	75°				1.5	8.7	107.6	2.1	12.5	127.4	2.8	13.2	152.9	4.0	18.2	203.9	4.6	28.8	212.4
	75°							2.2	10.6	135.9	3.0	10.6	175.6	4.4	14.8	232.2	4.8	24.6	232.2
	75°							2.3	8.7	147.3	3.2	8.7	186.9	4.8	10.6	266.2	5.2	22.3	254.9

Binary Nozzle Z-F

Flat fan air nozzle with internal-mixing pressure system

Characteristics:

The nozzle combination's slotted outlet opening results in a flat fan spray pattern.

Its form remains fixed until C. Turbulences follow.

A, B and C represent the spray widths for designated distances.

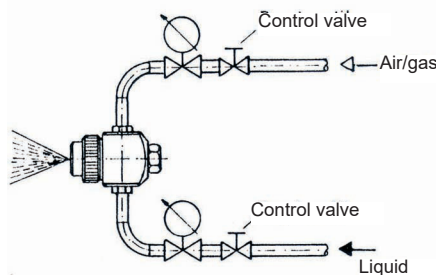
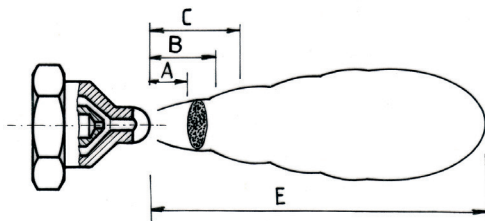
Distance E constitutes the fluid mist's complete length until the spray pattern dissolves.

Connection 1/8"

Connection 1/4"

For functions see page 10.1 - 10.2

For dimensions and adjustment see page 10.3 - 10.4



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