

Hollow cone air nozzle with internal-mixing pressure system

Characteristics

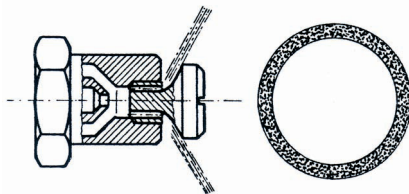
The deflector cap at the nozzle's outlet opening creates a hollow cone. Spray angles of 80°, 120° or 180° can be created at choice.

Connection 1/8"

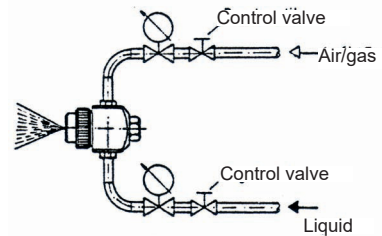
Connection 1/4"

For functions see page 10.1 - 10.2

For dimensions and adjustment see page 10.3 - 10.4



Hollow cone



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 level.

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

Type	Spray width	Liquid pressure (bar)														
		0.7		1.4		2.1		2.8		4.1						
		Comp. air	Output Water	Air	Comp. Air	Output Water	Air	Comp. Air	Output Water	Air	Comp. Air	Output Water	Air			
Z-H 1	80°	1.4	15.1	69.4	2.3	25.0	115.8	3.4	26.9	180.7	4.1	41.6	215.2	5.9	54.5	334.2
	or	1.5	10.6	76.5	2.6	16.7	135.9	3.6	23.5	191.2	4.5	31.4	244.4	6.2	45.4	368.2
	120°	1.7	7.6	84.1	2.9	10.6	155.8	3.9	16.7	213.8	4.8	23.1	277.0	6.6	37.1	399.3
	or	1.8	5.7	93.5	3.2	6.4	179.5	4.1	12.1	238.2	5.5	11.7	352.3	6.9	29.5	436.1
	180°	1.9	4.2	102.5	3.3	4.9	194.0	4.8	4.9	332.8	6.2	5.3	436.1			

Binary Nozzle Z-FA

Flat fan air nozzle with external-mixing pressure system

Characteristics

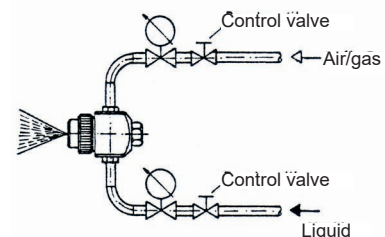
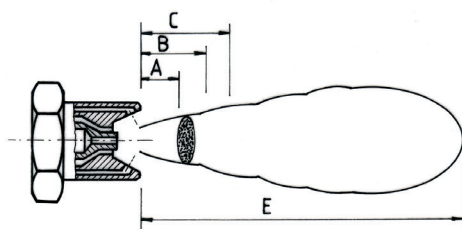
Air/gas and liquid are led separately into the nozzle and mix externally. Additional lateral air/gas drillings create a flat fan spray pattern. A, B and C represent the spray widths for designated distances. Distance E constitutes the fluid mist's complete length until the spray pattern dissolves. The nozzle is especially suitable for liquids with high viscosity and aggressive suspensions.

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 level.