

# CCi NOZZLE

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ccnozzle.com

## CC Series Flat Fan Nozzle

### CC series flat fan nozzle Series



Small capacity (CC)  
1/8"-1/4"  
NPT or BSPT(male)



Medium capacity (CC-N)  
1/8"-3/4"  
NPT or BSPT(male)



Large capacity (CC-M)  
1"-2"  
NPT or BSPT(male)



With strainer (CC-L)  
1/8"-1/4"  
NPT or BSPT(male)

### Design features

CC flat fan spray nozzles feature a high impact solid stream or a flat fan spray pattern with the spray angles between 0°-110°.

They produce a uniform distribution of small to medium sized drops. Properly aligned, the specially tapered spray edges make a evenly coverage.

CC and CC-L series nozzles have external piping thread connector and their flow rate are lower than 3.9 l/min at 3 bar. Inner strainer is available for CC-L Series nozzle with male connector only.

Standard flow rates of CC-N and CC-M Series are 3.9 l/min or larger at 3 bar. All have external piping thread connector.



### Common application

- Chemical cleaning
- Product washing /rinsing
- Pressure cleaning
- cooling and quenching
- Fire suppression / prevention
- Fire fighting
- Net blanket low pressure cleaning
- Spray coating
- Roller and scraper ordering

### Fan ceramic core



CCTC

### Fan tungalloy



CTCK

### Jet stabilizer for reducing turbulence



### ordering info

#### Jet stabilizer type

**CY21370—SS—1/8x1/8**

↓                      ↓                      ↓  
Jet stabilizer    Material    Connection  
type                      code                      dimension

### ordering info

**CC 1/4—SS 6505**

↓                      ↓                      ↓                      ↓  
Nozzle    Inlet    Material    Capacity  
type    size    code    size  
Remark:  
BRASS  
SS-stainless steel  
316SS-316 stainless steel

### Jet stabilizer type

Jet stabilizer for reducing turbulence number	Inlet Conn. NPT or BSPT	Nozzle Inlet Conn. NPT or BSPT(in)	High(mm)	Net weight (kg)
CY21370-1/8x1/8	1/8	1/8	19	0.007
CY21370-1/4x1/4	1/4	1/4	24	0.01
CY21370-3/8x3/8	3/8	3/8	27	0.03
CY21370-1/8x1/8	1/2	1/2	32	0.05
CY21370-1/2x1/2	3/4	3/4	38	0.10
CY21370-1x1	1	1	46	0.18
CY21370-11/4x11/4	1 1/4	1 1/4	57	0.33

### Design features

Jet stabilizers installed in the heads of flat fan spray nozzle increase the spray distance and the durative power. When spray nozzles are installed on T-shape pipe, branching pipe or bend pipe and the fluid swerve into the nozzle, turbulence occurs, which diffuses the jet flow. The stabilizer minimize the diffusion and concentrate the jet flow through a thinner and stabler way, offering a better performance in jet distance and durative power.

A Series Common Nozzle