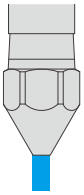
Solid stream air nozzles

CCP-A

For compressors



Blow pattern

- Delivers a single solid precision air jet stream concentrated on one point.
- Four models available with different blowing powers, ranging from ø1.0 to ø2.5 mm in orifice diameters.
- Cost effective nozzle for use in large quantities.

Material
S303

Weight
Pipe conn. size R1/8: 7.5 g
Pipe conn. size R1/4: 19 g

Max. operating pressure
1.0 MPa (140 psi)

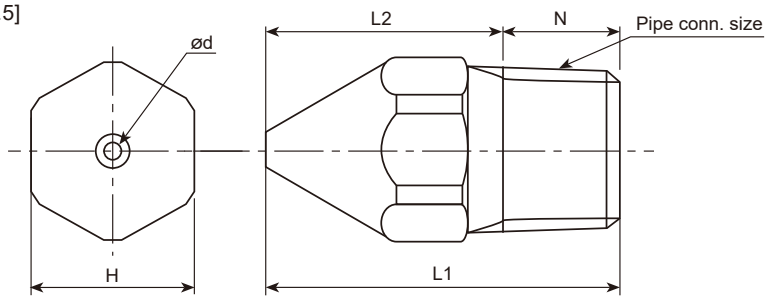
Max. temperature
400°C (750°F)

Noise level
66–84 dBA at 0.3 MPa

Air consumption
35–215 L/min, Normal at 0.3 MPa

Drawing

■1/8M CCP ø***A S303
■1/4M CCP ø***A S303
[*** = 1.0, 1.5, 2.0, or 2.5]



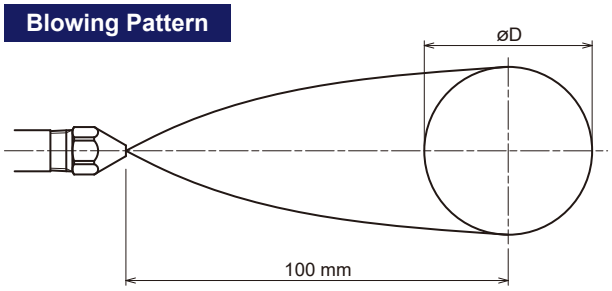
■Dimensions and weight

Pipe conn. size	Outer dimensions (mm)				Weight (g)
	L1	L2	H	N	
R1/8	21.0	14.0	10.0	7.0	7.5
R1/4	30.0	19.5	14.0	10.5	19.0

■Orifice diameter code

Pipe conn. size	Orifice diameter code	Orifice diameter ød (mm)
R1/8 or R1/4	ø1.0A	1.0
	ø1.5A	1.5
	ø2.0A	2.0
	ø2.5A	2.5

Blowing Pattern



Orifice diameter code	Blowing width øD (mm)		
	0.1 MPa	0.3 MPa	0.5 MPa
Ø1.0A	40	40	40
Ø2.5A	30	30	30

Noise Level

at a distance of 1,000 mm

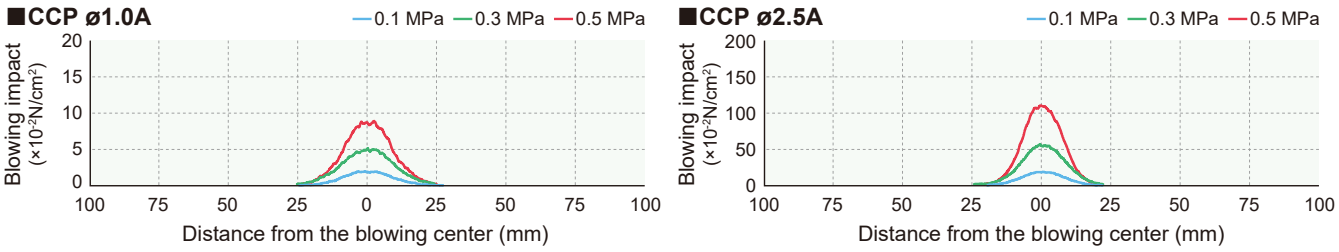
Background noise: 46 dBA

Orifice diameter code	Pressure (MPa)	Noise level (dBA)
ø1.0A	0.1	55
	0.3	66
	0.5	71

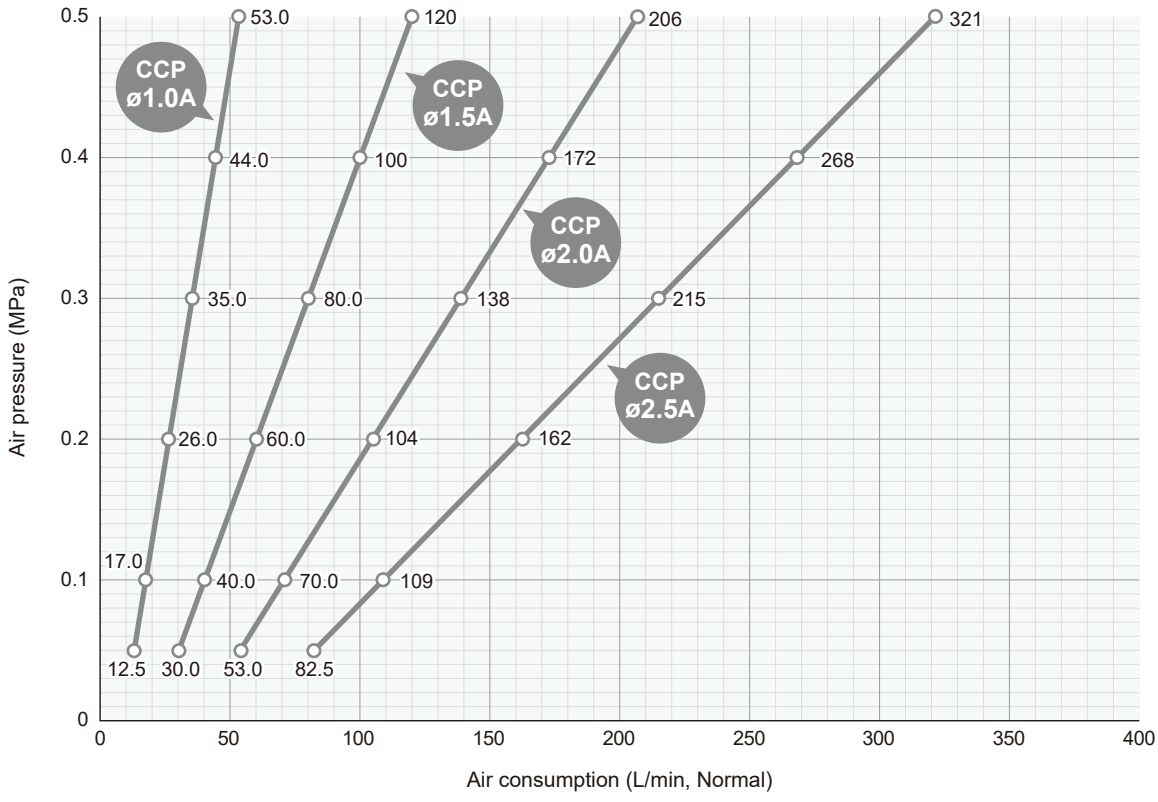
Orifice diameter code	Pressure (MPa)	Noise level (dBA)
ø2.5A	0.1	72
	0.3	84
	0.5	89

Blowing Impact Distribution

at 100 mm below the nozzle orifice



Air Consumption



HOW TO ORDER

Please inquire or order for a specific nozzle using this coding system.

<Example> 1/8M CCP ø1.0A S303

1/8M CCP ø1.0A S303

Pipe Conn. Size*	Orifice Diameter Code
●1/8M	●ø1.0A ●ø1.5A
●1/4M	●ø2.0A ●ø2.5A

*"M" indicates male thread ("R" of the ISO standard) and "F" indicates female thread ("Rc" of the ISO standard), e.g. 1/4M = R1/4.