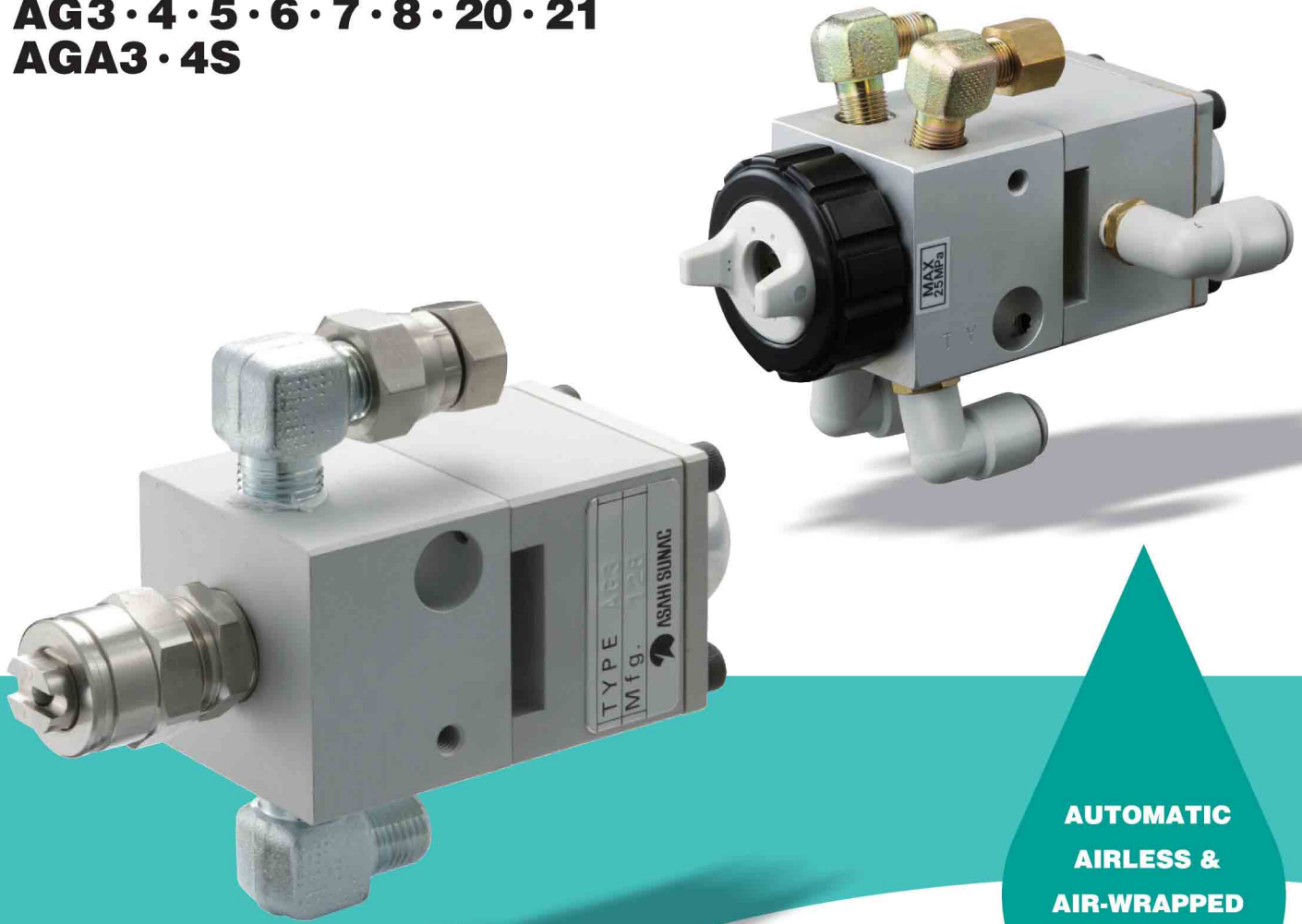


AIRLESS / AIR-WRAP

AUTOMATIC GUN SERIES

AG3 · 4 · 5 · 6 · 7 · 8 · 20 · 21
AGA3 · 4S



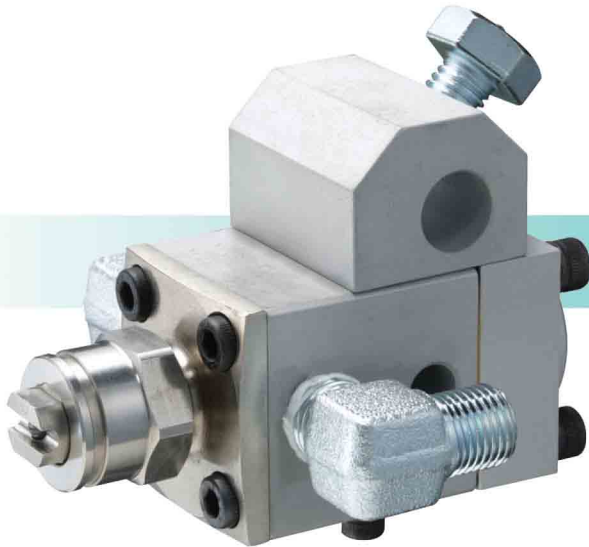
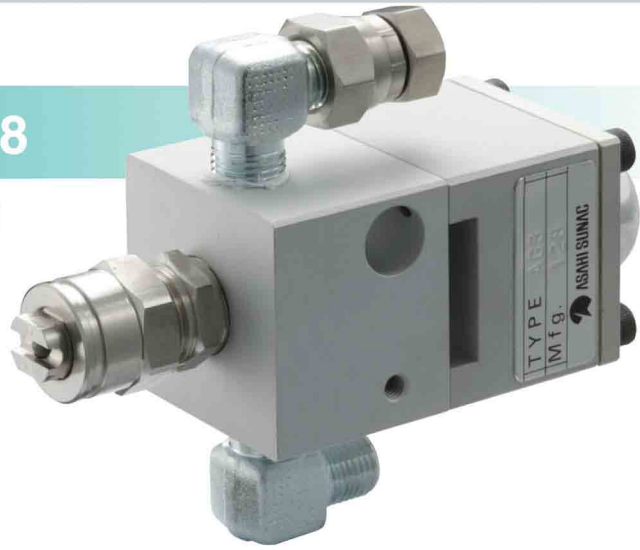
**AUTOMATIC
AIRLESS &
AIR-WRAPPED
SPRAY GUN**

AIRLESS AUTOMATIC GUN **AG**SERIES

AG3 · 4 · 5 · 6 · 7 · 8 · 20 · 21

AIRLESS AUTOMATIC GUN **AG3~8**

- Lightweight and downsizing contribute to a smaller mounting space and simpler mounting hardware.
- New design to provide easy installation and maintenance.
- Applicable to wide range of coating uses in 6 variations depending on the intended use.



STITCH GUN **AG20 / 21**

- A small lightweight airless spray automatic gun that enables high responsivity (ON/OFF control*: Max. 33 times/second) in low-pressure spray [5 MPa]

* The air repeats compression and expansion and gets high temperature when it turns ON/OFF in high speed. Take extra care when you install the air sequence (including piping).

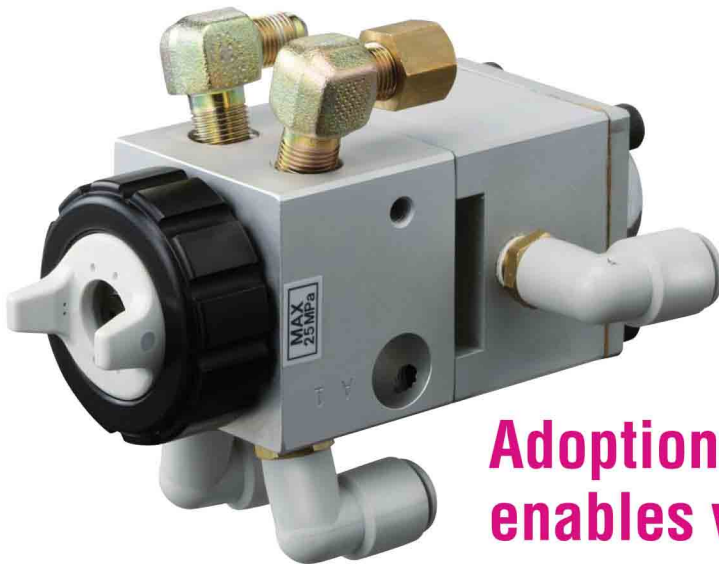
VARIATION

Shaded areas indicate stainless.

Model	Classification	Feature	Application
AG3	General-purpose gun	Good cleaning performance in the gun	General paint, oil-based zinc rich paint, multi-pack paint, precipitable paint
AG4			
AG5	Zinc rich exclusive gun	Zinc rich specification	Water-based zinc rich paint (Solvent-based paint may not be used.)
AG6	Large-caliber gun	Large-caliber sheet	Large flow rate, high viscosity paint
AG7			
AG8	Ceramic sheet gun	Ceramic sheet, all Teflon packing	Acid, alkali, chemicals, food
AG20	Stitch gun	High responsivity is brought out even when used in low and medium pressure.	Plate working, substrate coating
AG21			

SPECIFICATION

Model	AG3 - 8	AG20 / 21
Structure	Needle type	Cartridge type
Operating method	Three-way/four-way valve used	Three-way valve
Operating air pressure	0.3 - 0.6MPa	0.2 - 0.5MPa
Paint pressure	0 - 25MPa	0 - 9MPa
Size (Main unit)	45W × 45H × 129L(mm)	38W × 38H × 85.6L(mm)
Weight	650g	550g
Rust-prevention weight	1,200g	750g
Applicable nozzle	GN	GN
Mounting hole diameter	Φ 13mm	Φ 13mm
Paint intake diameter	G1/4 (PF1/4)	G1/4 (PF1/4)



Transfer
efficiency is
80% or more!

**Adoption of a new wrap air
enables variable spray patterns!**

FEATURES

- 1 80% or more high transfer efficiency has been achieved by the newly developed wrap air.
- 2 It is excellent in atomization performance even in a low paint pressure from 2 to 6 MPa and provides a good finish.
- 3 Adjustable spray pattern in a remote operation. *By air regulator.
- 4 Variable spray pattern and this makes overspraying with a multi-gun coating easier.
- 5 It allows a small flow rate coating by a large-caliber nozzle with a low-pressure spray and this reduces clogging of the nozzle.

APPLICATIONS

Construction materials and furniture

Construction material board, steel furniture, office equipment, rack, sashes, fences

Electric appliance

Distribution boards, control boards, air conditioning equipment, home electric appliances

Others

Construction machinery, drum can, plate working

SPECIFICATION

Model	AGA3	AGA4S stainless specification
Structure	Ball needle type	
Operating method	Three-way/four-way valve used	
Operating air pressure	0.3 - 0.5MPa	
Wrap air pressure	0.1 - 0.3MPa	
Paint pressure	10MPa	
Size (Main unit)	122L(including the nozzle)×45W×45H	
Weight	650g	1200g
Applicable nozzle	AAN	
Mounting hole diameter	Φ 13mm	
Paint intake diameter	PF1/8	

NOZZLE
SELECTION
TABLE

●AG SERIES (Add "GN" before the nozzle size to specify when you place an order.)

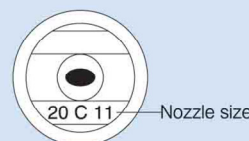
Equivalent diameter (mm)	Flow rate mL/min		Pattern width mm (Pattern Number)							
	10MPa	6MPa	50~100 (03)	100~150 (05)	150~200 (07)	200~250 (09)	250~310 (11)	310~360 (13)	360~410 (15)	410~460 (17)
0.19	190	150	03 C 03	03 C 05	03 C 07					
0.23	260	200	04 C 03	04 C 05	04 C 07	04 C 09				
0.25	390	300	06 C 03	06 C 05	06 C 07	06 C 09	06 C 11			
0.28	440	340		07 C 05	07 C 07	07 C 09	07 C 11			
0.32	580	440		09 C 05	09 C 07	09 C 09	09 C 11	09 C 13		
0.36	760	590		12 C 05	12 C 07	12 C 09	12 C 11	12 C 13	12 C 15	
0.40	900	690		14 C 05	14 C 07	14 C 09	14 C 11	14 C 13	14 C 15	
0.43	1,020	780		16 C 05	16 C 07	16 C 09	16 C 11	16 C 13	16 C 15	16 C 17
0.45	1,160	890		18 C 05	18 C 07	18 C 09	18 C 11	18 C 13	18 C 15	18 C 17
0.48	1,290	980		20 C 05	20 C 07	20 C 09	20 C 11	20 C 13	20 C 15	20 C 17
0.54	1,540	1,230			25 C 07	25 C 09	25 C 11	25 C 13	25 C 15	25 C 17
0.59	1,930	1,480			30 C 07	30 C 09	30 C 11	30 C 13	30 C 15	30 C 17
0.68	2,570	1,970			40 C 07	40 C 09	40 C 11	40 C 13	40 C 15	40 C 17
0.83	3,830	2,970			60 C 07	60 C 09	60 C 11	60 C 13	60 C 15	60 C 17

①The shaded areas are standard accessories. The unshaded areas are ordered items, therefore please confirm the delivery date when ordering.

②The conditions for the pattern widths are as below.
Flow rate Number 30 or lower:
Spray distance 25cm
Flow rate Number 40 or lower:
Spray distance 30cm

③Flow rate and pattern width may vary due to type of coating and viscosity. In order to select the best-suited nozzle, please contact our sales staff.

Number indication of nozzle



20 C 11
Pattern number

Application of nozzle
C : General finishing nozzle

Flow rate of one minute
(Accurate delivery shall be calculated. For standard value, multiply factor 64.)
20×64=1280mL/min(10MPa)

●AGA3·4S (Add "AAN" before the nozzle size to specify when you place an order.)

Equivalent diameter (mm)	Flow rate mL/min		Pattern width mm (Pattern Number)			
	6MPa		150~200 (07)	200~250 (09)	250~310 (11)	360~410 (15)
0.25	300		06 C 07	06 C 09		
0.28	340		07 C 07	07 C 09		
0.32	440		09 C 07	09 C 09		
0.36	590		12 C 07	12 C 09	12 C 11	
0.40	690			14 C 09	14 C 11	
0.43	780			16 C 09	16 C 11	
0.45	890			18 C 09	18 C 11	
0.48	980				20 C 11	20 C 15

* You can narrow the pattern width to about 50% of the nozzle size.

⚠ Cautions for Safety For correct and safe use of the equipment, please refer to Operation manual provided for it.

*Appearances and specifications of the equipment shown on this booklet are subject to be changed for the purpose of its improvement, without pre-announcement.



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