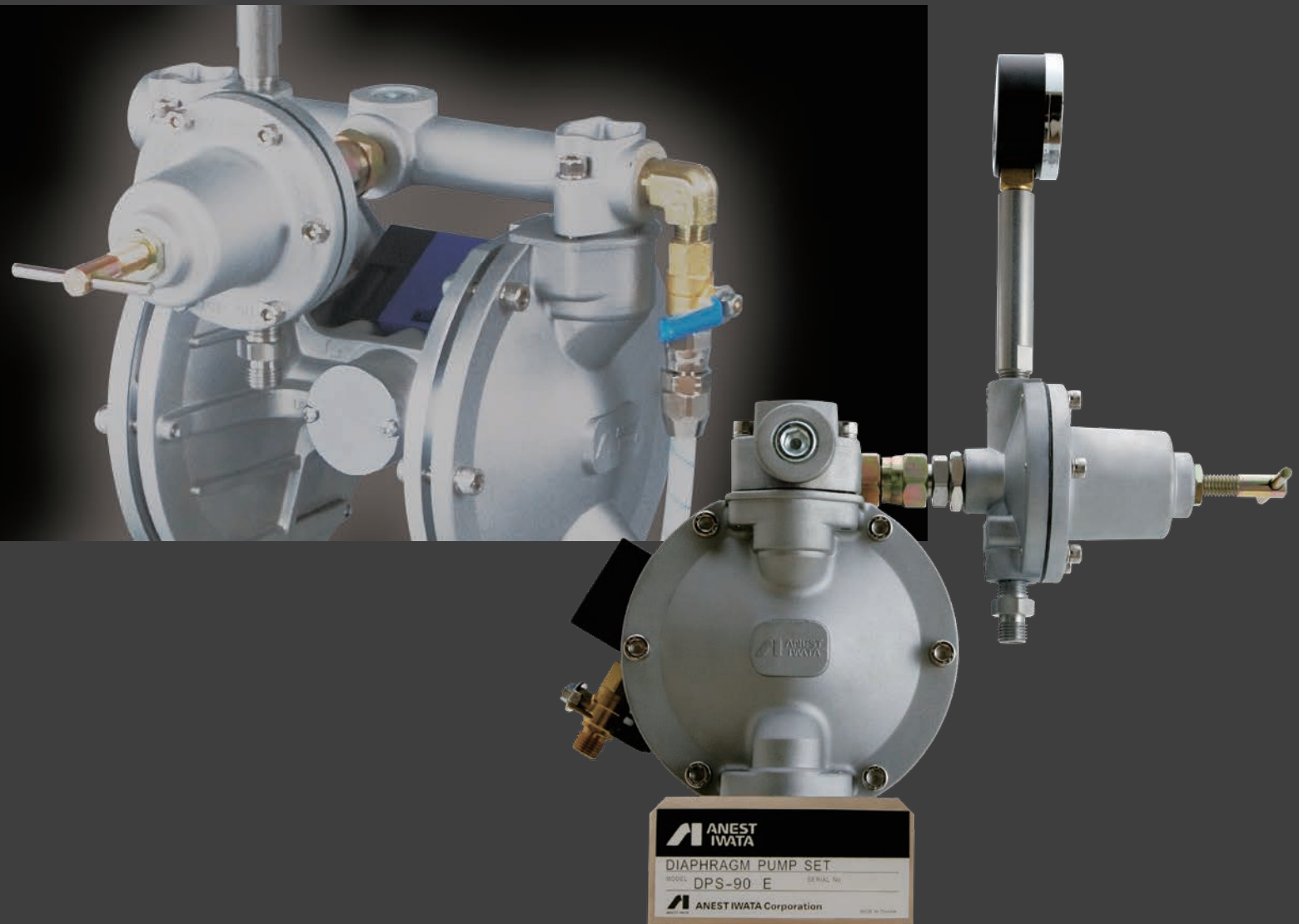


Paint Supply and Coating System Equipment



Product Guide

PAINT SUPPLY & COATING SYSTEM EQUIPMENT



INDUSTRIAL EQUIPMENT SPECIALIST & COATING SOLUTION PROVIDER

Paint Supply Pump Selection Guide

Points to note and comparisons of recommended paint pump products

- 1 Select models from the chart below based on parameters such as Fluid output and Applications.
- 2 Select the pump fluid output based on Fluid output at 30 cycles/min. (See explanation below for more information.)
- 3 "★" indicates the most recommended model for a particular paint pump type. ("☆" indicates the second most recommended model. These products offer the greatest versatility and are likely the right choice for those in doubt.)

Diaphragm pumps

These are air-driven double diaphragm pumps that combine simple design with high durability. They are suitable for a wide range of applications, including small fluid output spraying, use with multiple spray guns, and paint transfer.

Bellows seal pumps

Bellows seal pumps are air-driven double-action piston pumps that use a bellows seal configuration for sliding parts. They offer high pressure ratios and high fluid output performance to ensure stable paint supply even with high viscosity paints and multiple spray guns.

Plunger pumps

Plunger pumps are air-driven double-action plunger paint pumps. They can also be used for high-pressure supply and recirculation systems.

★ Recommendation No. 1

☆ Recommendation No. 2

Typical applications are listed here. Applications are also provided in the specifications tables for individual products. Refer to both when selecting products.

Pump type and size	Diaphragm pump						Diaphragm pump Large sized	Bellows seal pump Large sized	Plunger pump Medium sized	Pump type and size
	Compact sized		Medium sized		Large sized					
Pump model										
Recommended!▶	DDP-70B	DDP-70BN	DDP-90E ★	DDP-90EN	DDP-120B ★	DDP-120BN	DDP-160D	DDP-160DN	BSP-A030C-N	PP-7021B
Wetted parts material (pump body)*1	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Stainless steel	Aluminum/steel
At 30 cycles/min	0.6 L/min		1.5 L/min		4.5 L/min		10 L/min		17.1 L/min	2.7 L/min
	Approx. 25 L/min		Approx. 55 L/min		Approx. 80 L/min		Approx. 250 L/min		Approx. 625 L/min	Approx. 130 L/min
Allowable viscosity (guideline values)*2	Max. 60 sec / NK-2 Max. 190 mPa·s		Max. 100 sec / NK-2 Max. 300 mPa·s		Max. 100 sec / NK-2 Max. 300 mPa·s		Max. 3,000 mPa·s		Max. 10,000 mPa·s	Max. 100 sec / NK-2 Max. 300 mPa·s
	1:1		1:1		1:1		1:1		3:1	2.3:1
Operating air pressure range	0.15 to 0.7 MPa		0.15 to 0.7 MPa		0.15 to 0.7 MPa		0.15 to 0.83 MPa		0.15 to 0.7 MPa	0 to 0.7 MPa
Maximum paint pressure (theoretical values)	0.7 MPa		0.7 MPa		0.7 MPa		0.83 MPa		2.1 MPa	1.7 MPa
Connector size	Air inlet	G1/4 male	G1/4 male	G1/4 male	G1/4 male	G1/4 male	G1/4 male	Rc3/8 female	G1/4 male (PPS-102C)	Air inlet
	Paint inlet	Rc1/4 female	G1/2 male	G1/2 male	G1/2 male	G3/4 male	G3/4 male	Rp1 female	G1/4 male (PPS-102C)	Paint inlet
	Paint outlet	Rc1/4 female	Rc3/8 female	Rc3/8 female	Rc3/8 female	G3/4 male	G3/4 male	Rp1 female	G1/4 male (PPS-102C)	Paint outlet
Fluid output per cycle	20 mL/cycle		50 mL/cycle		150 mL/cycle		330 mL/cycle		570 mL/cycle	90 mL/cycle
Maximum cycles	300 cycles/min		200 cycles/min		200 cycles/min		200 cycles/min		70 cycles/min	50 cycles/min
Maximum fluid output*3	6 L/min		10 L/min		30 L/min		66 L/min		40 L/min	4.5 L/min
Pump unit	DDP-70B	DDP-70BN	DDP-90E	DDP-90EN	DDP-120B	DDP-120BN	DDP-160D	DDP-160DN	BSP-A030C-N	PPS-102C
Stand type	Customizable	Customizable	★DPS-90E	DPS-90EN	★DPS-120B	DPS-120BN	—	—	—	—
Wall-mounted type	☆DPS-704C	DPS-704CN	DPS-904E	DPS-904EN	DPS-1204B	DPS-1204BN	—	—	—	—
Handy type with 5 L hopper	☆HDP-705C	HDP-705CN	—	—	—	—	—	—	—	—
18 L rectangular can	Direct-mounted type	☆DPS-70C	Customizable	—	—	—	—	—	—	—
	Transfer pump	DPS-70TC	Customizable	—	—	—	—	—	—	—
20 L pail	Raising/lowering stand type	DPS-70LC	DPS-70LCN	☆DPS-90LE	DPS-90LEN	DPS-120LB	DPS-120LBN	—	—	—
	Tank-mounted type	DPS-702C	DPS-702CN	DPS-902E	DPS-902EN	DPS-1202B	DPS-1202BN	—	—	—
Raising/lowering stand type	DPS-70LPC	DPS-70LPCN	DPS-90LPE	DPS-90LPEN	DPS-120LPB	DPS-120LPBN	—	—	—	—

*1 Aluminum pumps use plated steel components for joints and other wetted parts. We recommend using stainless steel pumps for applications involving fluids that may cause corrosion.

*2 The allowable viscosity will vary depending on the suction hose and output piping.

*3 Value at the paint outlet when using the pump on its own with no load and clean water as the fluid

Recommended product list



* See pages 7 to 8 for specifications.

Major applications

- Resin coating Examples: automotive components, mobile phones, household appliances
- Vehicle coating Examples: automobiles, trucks, rail vehicles
- Metal coating Examples: construction machinery, machine tools, steel furniture, electrical distribution boards
- Woodwork coating Examples: furniture, musical instruments
- Liquid application Examples: adhesive, mold release agent, lubricant
- Liquid feeding Examples: paint, thinner

Reasons for selecting fluid output for 30 cycles/min

Select a paint pump to suit the required fluid output. Supplying paint using paint pumps with greater capacity than required is wasteful. While the maximum fluid output (at zero load) is one indicator for determining paint pump performance, it is important to compare this to the fluid output per paint pump cycle based on the fluid output required for actual painting work. Fewer operating cycles will increase pump durability and help prevent pulsation. Typically, the ideal setting will not exceed 30 cycles/min. Start with this figure when selecting a paint pump.

Pressurized stainless steel tanks



Diaphragm Pumps

1. Stable paint supply

All current models feature modified air control valves with double-spool construction originally designed by ANEST IWATA and used on previous models to eliminate malfunctions (switching failures) during pump operation. This results in a highly reliable diaphragm pump resistant to stoppages for use in lines and automated machinery.

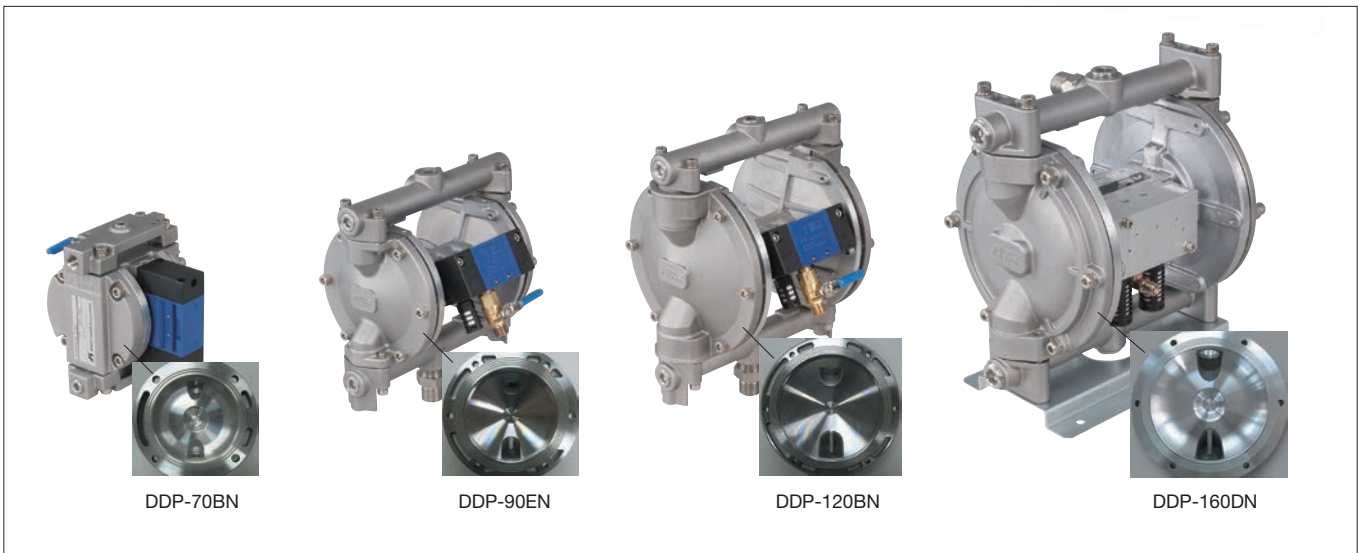
2. Reduced color changeover and washing time

All models feature a mirror-finish inside the paint chamber (lid inner face) for even faster color changeovers and washing. These models also reduce the amount of cleaning solution needed and wasted fluid.

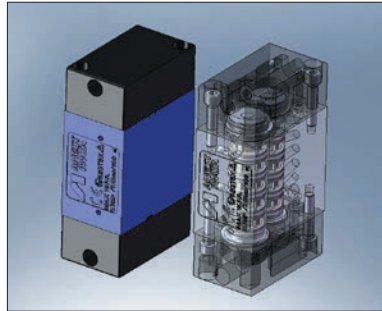
3. Wide range of variations

A total of eight different pumps are available to suit the required fluid output and paint type. We can also suggest optimal applications to suit specific working environments.

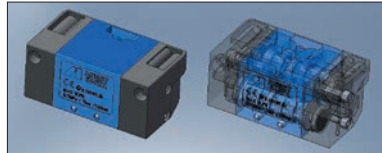
Lid inner face



Air control valves



For DDP-70B



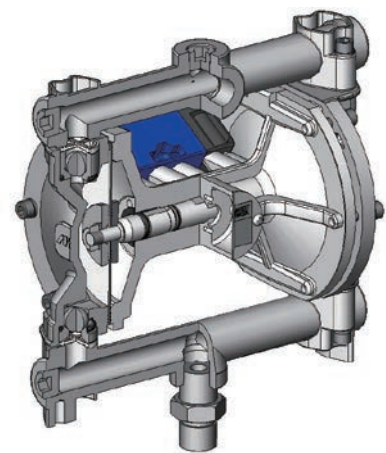
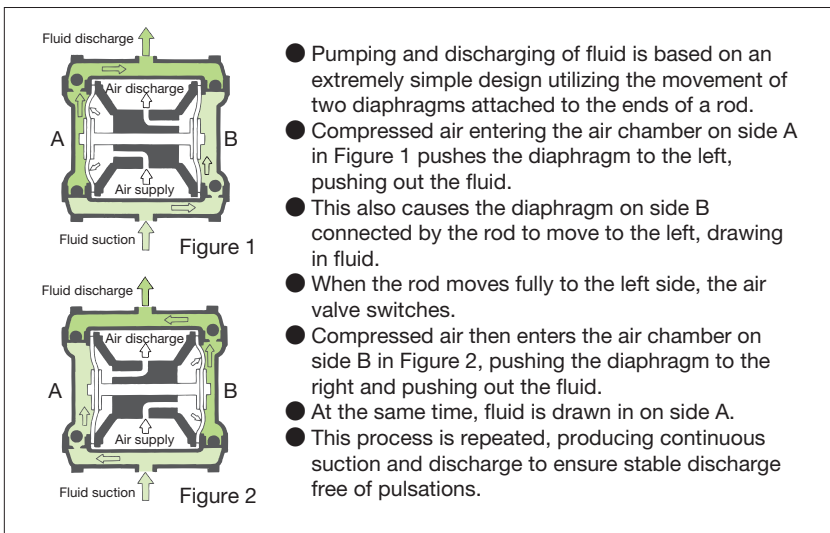
For DDP-90E/-120B

NEW!!

The air control valves for use with the DDP-70B and the DDP-90E/-120B now include a reset button to reset the unit if a pump stops due to component wear or other reason.



Operating principles of double diaphragm pumps

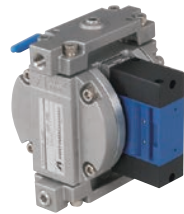


DDP cross-sectional view

Diaphragm Pump Series



DDP-70B



DDP-70BN



DDP-90E



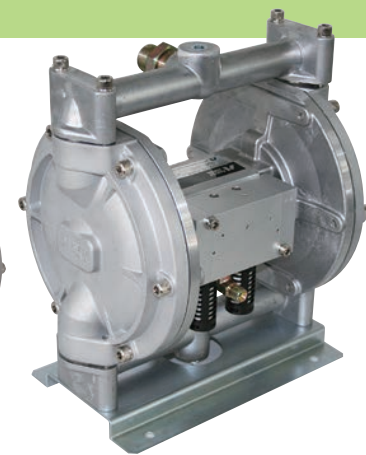
DDP-90EN



DDP-120B



DDP-120BN



DDP-160D



DDP-160DN

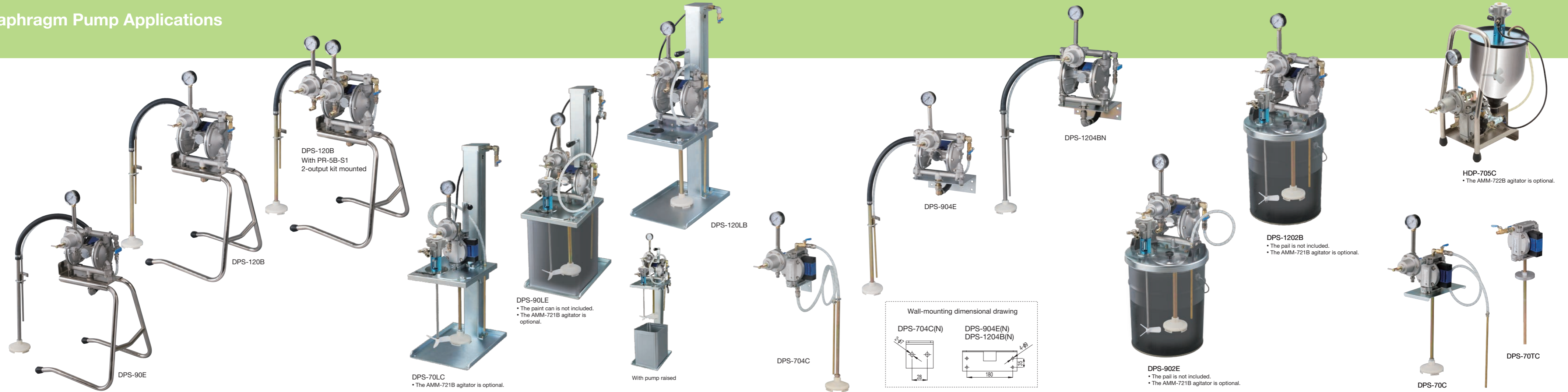
Pump model	DDP-70B	DDP-70BN	DDP-90E	DDP-90EN
Wetted parts material (pump body)*1	Aluminum	Stainless steel	Aluminum	Stainless steel
Pressure ratio	1:1		1:1	
Operating air pressure range	0.15 to 0.7 MPa		0.15 to 0.7 MPa	
Fluid output per cycle	20 mL/cycle		50 mL/cycle	
Maximum cycles	300 cycles/min		200 cycles/min	
Maximum fluid output*2	6 L/min		10 L/min	
Fluid output at 30 cycles/min	0.6 L/min		1.5 L/min	
Allowable viscosity (guideline values)*3	Max. 60 sec / NK-2 Max. 190 mPa·s		Max. 100 sec / NK-2 Max. 300 mPa·s	
Operating temperature range	5 to 40 °C		5 to 40 °C	
Air inlet	G1/4B		G1/4B	
Paint inlet	Rc1/4		G1/2B	
Paint outlet	Rc1/4		Rc3/8	
Mass	2 kg	3.2 kg	3.1 kg	5 kg
Dimensions (L x W x H)	173 x 113 x 143 mm		186 x 213 x 220 mm	
Mounting dimensions				
Performance curves	<p>* 0.3/0.5/0.7 MPa on the graph indicate air pressure. * The oil used in testing is turpentine oil.</p>		<p>* 0.3/0.5/0.7 MPa on the graph indicate air pressure. * The oil used in testing is turpentine oil.</p>	
Compressor requirements (for pump operation)	0.4 to 0.75 kW		0.4 to 0.75 kW	

Pump model	DDP-120B	DDP-120BN	DDP-160D	DDP-160DN
Wetted parts material (pump body)*1	Aluminum	Stainless steel	Aluminum	Stainless steel
Pressure ratio	1:1		1:1	
Operating air pressure range	0.15 to 0.7 MPa		0.15 to 0.83 MPa	
Fluid output per cycle	150 mL/cycle		330 mL/cycle	
Maximum cycles	200 cycles/min		200 cycles/min	
Maximum fluid output*2	30 L/min		66 L/min	
Fluid output at 30 cycles/min	4.5 L/min		10 L/min	
Allowable viscosity (guideline values)*3	Max. 100 sec / NK-2 Max. 300 mPa·s		— Max. 3,000 mPa·s	
Operating temperature range	5 to 40 °C		5 to 40 °C	
Air inlet	G1/4B		G1/4B	
Paint inlet	G1/2B		G3/4B	
Paint outlet	Rc3/8		G3/4B	
Mass	4 kg	7.2 kg	11 kg	16.5 kg
Dimensions (L x W x H)	207 x 223 x 274 mm		210 290 x 320 mm	
Mounting dimensions				
Performance curves	<p>* 0.3/0.5/0.7 MPa on the graph indicate air pressure. * The oil used in testing is turpentine oil.</p>		<p>* 0.3/0.5/0.7 MPa on the graph indicate air pressure. * The oil used in testing is turpentine oil.</p>	
Compressor requirements (for pump operation)	0.4 to 1.5 kW		1.5 to 3.7 kW	

*1 Aluminum pumps use plated steel components for joints and other wetted parts.
We recommend using stainless steel pumps for applications involving fluids that may cause corrosion.
*2 Value at the paint outlet when using the pump on its own with no load and clean water as the fluid
*3 The allowable viscosity will vary depending on the suction hose and output piping.

* When used as a fluid transfer pump for non-paint fluids such as lubricants or chemicals, check the pH, viscosity, and fluid properties. Contact your nearest ANEST IWATA sales office if you have any questions.

Diaphragm Pump Applications



Type	18 L rectangular can mounted type	18 L rectangular can transfer pump	Stand type				Wall-mounted type						Hopper type	
Set model	DPS-70C	DPS-707C	DPS-90E	DPS-90EN	DPS-120B	DPS-120BN	DPS-704C	DPS-704CN	DPS-904E	DPS-904EN	DPS-1204B	DPS-1204BN	HDP-705C	HDP-705CN
Model	DDP-70B		DDP-90E	DDP-90EN	DDP-120B	DDP-120BN	DDP-70B	DDP-70BN	DDP-90E	DDP-90EN	DDP-120B	DDP-120BN	DDP-70B	DDP-70BN
Wetted parts material (body)*1	Aluminum		Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel
Fluid output at 30 cycles/min	0.6 L/min		1.5 L/min		4.5 L/min		0.6 L/min		1.5 L/min		4.5 L/min		0.6 L/min	0.6 L/min
Maximum fluid output*2	6.0 L/min		10.0 L/min		30 L/min		6.0 L/min		10.0 L/min		30 L/min		6.0 L/min	6.0 L/min
Operating air pressure range	0.15 to 0.7 MPa		0.15 to 0.7 MPa				0.15 to 0.7 MPa						0.15 to 0.7 MPa	0.15 to 0.7 MPa
Model	PR-5B	N/A	PR-5B	PR-5BN	PR-5B	PR-5BN	PR-5B	PR-5BN	PR-5B	PR-5BN	PR-5B	PR-5BN	PR-5B	PR-5BN
Wetted parts material (body)*1	Aluminum	—	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel
Paint pressure adjustment range	0 to 0.6 MPa		0 to 0.6 MPa				0 to 0.6 MPa						0 to 0.6 MPa	0 to 0.6 MPa
Maximum flow rate	2.0 L/min	—	2.0 L/min				2.0 L/min						2.0 L/min	2.0 L/min
Allowable viscosity (guideline values)*3	Max. 60 sec / NK-2 Max. 190 mPa·s		Max. 100 sec / NK-2 Max. 300 mPa·s				Max. 60 sec / NK-2 Max. 190 mPa·s		Max. 100 sec / NK-2 Max. 300 mPa·s				Max. 60 sec / NK-2 Max. 190 mPa·s	Max. 60 sec / NK-2 Max. 190 mPa·s
Operating temperature range	5 to 40 °C		5 to 40 °C				5 to 40 °C						5 to 40 °C	5 to 40 °C
Air inlet/paint outlet	G1/4B		G1/4B				G1/4B						G1/4B	G1/4B
Paint inlet filter	50 mesh	N/A	50 mesh				50 mesh						50 mesh	50 mesh
Paint intermediate filter	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	TF-7: 100 mesh
Paint agitator	—	—	—	—	—	—	—	—	—	—	—	—	AMM-722B	AMM-722B
2-output kit	PR-5B-S1	—	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1
Dimensions (L × W × H)	173 × 393 × 663 mm	173 × 213 × 515 mm	360 × 348 × 781 mm		366 × 357 × 823 mm		173 × 307 × 364 mm		356 × 269 × 449 mm		356 × 269 × 491 mm		410 × 226 × 446 mm	410 × 226 × 446 mm
Mass	4 kg	3 kg	7 kg	9 kg	8 kg	11 kg	4 kg	5 kg	6 kg	7 kg	6 kg	10 kg	8 kg	9 kg
Compressor requirements (for pump operation)	0.4 to 0.75 kW	0.75 to 1.5 kW	0.4 to 0.75 kW		0.4 to 1.5 kW		0.4 to 0.75 kW						0.4 to 1.5 kW	0.4 to 0.75 kW

*1 Aluminum pumps use plated steel components for joints and other wetted parts. We recommend using stainless steel pumps for applications involving fluids that may cause corrosion.

*2 Value at the paint outlet when using the pump on its own with no load and clean water as the fluid

*3 The allowable viscosity will vary depending on the suction hose and output piping.

Type	Raising/lowering stand type (for 18 L rectangular can)						Raising/lowering stand type (for 20 L pail)						Tank-mounted type (for 20 L pail)					
Set model	DPS-70LC	DPS-70LCN	DPS-90LE	DPS-90LEN	DPS-120LB	DPS-120LBN	DPS-70LPC	DPS-70LPCN	DPS-90LPE	DPS-90LPEN	DPS-120LPB	DPS-120LPBN	DPS-702C	DPS-702CN	DPS-902E	DPS-902EN	DPS-1202B	DPS-1202BN
Model	DDP-70B	DDP-70BN	DDP-90E	DDP-90EN	DDP-120B	DDP-120BN	DDP-70B	DDP-70BN	DDP-90E	DDP-90EN	DDP-120B	DDP-120BN	DDP-70B	DDP-70BN	DDP-90E	DDP-90EN	DDP-120B	DDP-120BN
Wetted parts material (body)*1	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel
Fluid output at 30 cycles/min	0.6 L/min		1.5 L/min		4.5 L/min		0.6 L/min		1.5 L/min		4.5 L/min		0.6 L/min		1.5 L/min		4.5 L/min	
Maximum fluid output*2	6.0 L/min		10.0 L/min		30 L/min		6.0 L/min		10.0 L/min		30 L/min		6.0 L/min		10.0 L/min		30 L/min	
Operating air pressure range	0.15 to 0.7 MPa						0.15 to 0.7 MPa						0.15 to 0.7 MPa					
Model	PR-5B	PR-5BN	PR-5B	PR-5BN	PR-5B	PR-5BN	PR-5B	PR-5BN	PR-5B	PR-5BN	PR-5B	PR-5BN	PR-5B	PR-5BN	PR-5B	PR-5BN	PR-5B	PR-5BN
Wetted parts material (body)*1	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel	Aluminum	Stainless steel
Paint pressure adjustment range	0 to 0.6 MPa						0 to 0.6 MPa						0 to 0.6 MPa					
Maximum flow rate	2.0 L/min						2.0 L/min						2.0 L/min					
Allowable viscosity (guideline values)*3	Max. 60 sec / NK-2 Max. 190 mPa·s		Max. 100 sec / NK-2 Max. 300 mPa·s				Max. 60 sec / NK-2 Max. 190 mPa·s		Max. 100 sec / NK-2 Max. 300 mPa·s				Max. 60 sec / NK-2 Max. 190 mPa·s		Max. 100 sec / NK-2 Max. 300 mPa·s			
Operating temperature range	5 to 40 °C						5 to 40 °C						5 to 40 °C					
Air inlet/paint outlet	G1/4B						G1/4B						G1/4B					
Paint inlet filter	50 mesh						50 mesh						50 mesh					
Paint intermediate filter	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	—	TF-7: 100 mesh	—
Paint agitator	AMM-721B						AMM-721B						AMM-721B					
2-output kit	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1	PR-5B-S1	PR-5BN-S1
Dimensions (L × W × H)	390 × 260 × 823 mm (Overall height 1,120 mm when fully raised)		390 × 260 × 823 mm (Overall height 1,174 mm when fully raised)		390 × 260 × 823 mm (Overall height 1,211 mm when fully raised)		410 × 300 × 823 mm (Overall height 1,174 mm when fully raised)		410 × 300 × 823 mm (Overall height 1,211 mm when fully raised)		410 × 300 × 823 mm (Overall height 1,211 mm when fully raised)		308 × 307 × 718 mm		307 × 325 × 750 mm		307 × 325 × 729 mm	
Mass	16 kg	18 kg	17 kg	19 kg	18 kg	22 kg	18 kg	19 kg	18 kg	21 kg	19 kg	23 kg	5 kg	6 kg	6 kg	8 kg	7 kg	11 kg
Compressor requirements (for pump operation)	0.4 to 0.75 kW						0.4 to 1.5 kW						0.4 to 0.75 kW					

*1 Aluminum pumps use plated steel components for joints and other wetted parts. We recommend using stainless steel pumps for applications involving fluids that may cause corrosion.

*2 Value at the paint outlet when using the pump on its own with no load and clean water as the fluid

*3 The allowable viscosity will vary depending on the suction hose and output piping.

Bellows Seal Pumps

1. Long maintenance intervals

Deploying bellows seals to separate the paint chamber from the air chamber increases maintenance intervals for sliding parts.

2. Compatible with eco-friendly paints

High pressure ratios ensure stable paint supply even with high viscosity eco-friendly paints such as high-solid and water-based paints.

3. Supports multiple spray gun use

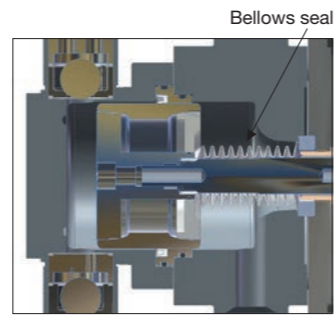
The high fluid output per cycle ensures a stable paint supply even when using multiple spray guns.

BSP-A030C-N Bellows Seal Pump

Pump model	BSP-A030C-N
Wetted parts material (pump body)	Stainless steel
Pressure ratio (fluid:air)	3:1
Operating air pressure range	0.15 to 0.7 MPa
Maximum paint pressure	2.1 MPa
Fluid output per cycle	570 mL/cycle
Maximum cycles	70 cycles/min
Maximum fluid output*1	40 L/min
Fluid output at 30 cycles/min	17.1 L/min
Allowable viscosity (guideline values)*2	10,000 mPa·s
Operating temperature range	5 to 40 °C
Air inlet	Rc3/8
Paint inlet	Rp1
Paint outlet	Rp1
Mass	27 kg
Dimensions (L × W × H)	311 × 447 × 373 mm
Mounting dimensions	
Performance curves	
Compressor requirements (for pump operation)	3.7 to 7.5 kW



BSP-A030C-N



Cross-sectional diagram

Plunger Paint Pumps

1. Paint regulator fitted as standard

A paint regulator is fitted as standard, allowing paint to be sprayed simply by connecting a spray gun.

2. Also usable as a paint supply pump for cell-type spraying facilities

The pump can also be used as a mini paint recirculation system by combining with a back pressure valve.

PPS Series Plunger Paint Pumps

Set model	PPS-102C				
Type	Single-output specifications				
Pump model	PP-7021B				
Wetted parts material (pump body)	Aluminum Steel				
Pressure ratio (fluid:air)	2.3:1				
Air regulator model	RR-55B				
Operating air pressure range	0 to 0.7 MPa				
Fluid output at 30 cycles/min	2.7 L/min				
Paint regulator model	Special PR-51B				
Wetted parts material (regulator body)	Aluminum				
Paint pressure adjustment range	0 to 0.6 MPa				
Maximum flow rate	2.0 L/min				
Allowable paint viscosity (guideline values)*1	Max. 100 sec / NK-2 Max. 300 mPa·s				
Operating temperature range	60 °C or less				
Air inlet	G1/4				
Paint outlet	G1/4B × 1 outlet				
Paint inlet filter	50 mesh				
Paint intermediate filter	60 mesh				
Options	<table border="1"> <tr> <td>Paint intermediate filter</td> <td>TF-71: 100 mesh</td> </tr> <tr> <td>Paint agitator</td> <td>AMM-711/AMM-611</td> </tr> </table>	Paint intermediate filter	TF-71: 100 mesh	Paint agitator	AMM-711/AMM-611
Paint intermediate filter	TF-71: 100 mesh				
Paint agitator	AMM-711/AMM-611				
Dimensions (L × W × H)	380 × 360 × 695 mm				
Mass	13.6 kg				
Compressor requirements (for pump operation)	0.4 to 0.75 kW				
Performance curves	<p>* 0.3/0.4/0.5/0.6/0.7 MPa on the graph indicate air pressure.</p>				



PPS-102C

*1 Value at the paint outlet when using the pump on its own with no load and clean water as the fluid

*2 The allowable viscosity will vary depending on the suction hose and output piping.

* When used as a fluid transfer pump for non-paint fluids such as lubricant or chemicals, check the pH, viscosity, and fluid properties. Contact your nearest ANEST IWATA sales office if you have any questions.

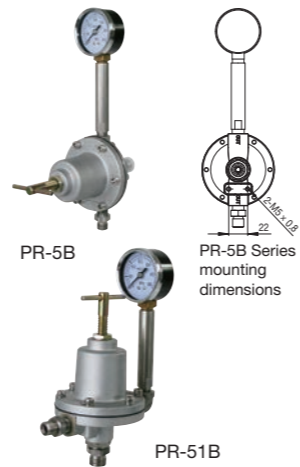
*1 The allowable viscosity will vary depending on the suction hose and output piping.

Paint Control Equipment

PR-5B Series Paint Regulators

The products in the PR-5B Series are diaphragm type paint regulators that help maintain constant fluid pressure and output to ensure uniform paint film thickness and paint quality control. The line of products includes two types to suit the required pressure adjustment range. As with diaphragm pumps, the wetted parts have a mirror finish to facilitate cleaning.

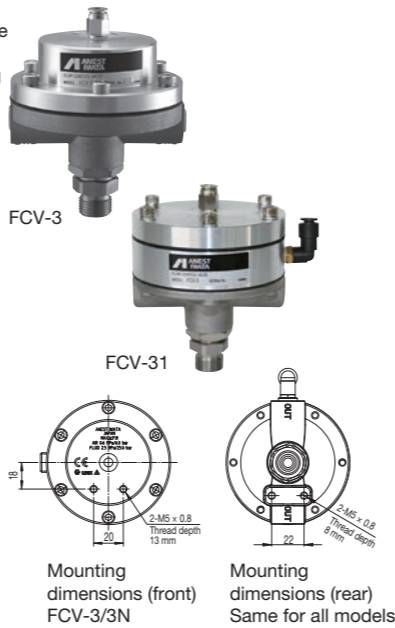
Model	PR-5B	PR-5BN	PR-51B	PR-5BL	PR-5BLN
Type	General purpose		Vertical type	Low fluid pressure and output	
Wetted parts material (body)*	Aluminum	Stainless steel	Aluminum	Aluminum	Stainless steel
Pressure adjustment range	0 to 0.6 MPa			0 to 0.3 MPa	
Maximum flow rate	2.0 L/min			1.5 L/min	
Maximum inlet pressure	2.5 MPa			0.7 MPa	
Paint inlet	G3/8B				
Paint outlet	G1/4B				
Dimensions (L x W x H)	84 x 165 x 260 mm		84 x 141 x 220 mm	84 x 165 x 260 mm	
Mass	850 g	1,020 g	900 g	850 g	1,020 g
Mounting dimensions	2-M5 x 0.8, thread depth 8 mm, separation 22 mm				



FCV-3 and FCV-5 Series Flow Control Valves

Products in the FCV-3 and FCV-5 Series are air-operated paint regulators that allow fluid pressure and output to be adjusted remotely. In spray environments involving robots or reciprocators, they can be mounted close to automatic spray guns to eliminate fluid output variations due to height differences. The FCV-31-R4/R8 and FCV-5-R1/R4/R8 have different pressure bearing areas for the diaphragm air and paint chambers, making them ideal for small fluid output adjustments.

Model	FCV-3/3N	FCV-31/31N	FCV-31-R4/31N-R4	FCV-31-R8/31N-R8
Type	General purpose	With dump valve function	With dump valve function; for low fluid pressure and output	
Wetted parts material (body)	Aluminum/Stainless steel			
Diaphragm pressure bearing diameter ratio*	1:1		1:4	1:8
Guideline fluid output	100 mL/min or greater		35 to 100 mL/min	20 to 50 mL/min
Maximum air pressure	0.6 MPa			
Maximum flow rate	2.0 L/min			
Maximum inlet pressure	2.5 MPa			
Air inlet	Rc1/8 With $\phi 6$ tube joint			
Paint inlet	G3/8B			
Paint outlet	Rc1/4 x 2 outlets			
Dimensions (L x W x H)	84 x 84 x 106 mm	84 x 112 x 112 mm		
Mass	570 g/720 g	750 g/900 g		
Mounting dimensions (front)	2-M5 x 0.8, thread depth 13 mm, separation 20 mm	N/A		
Mounting dimensions (rear)	2-M5 x 0.8, thread depth 8 mm, separation 22 mm			



* This diaphragm pressure bearing diameter ratio will differ from the ratio between the air adjustment pressure and paint outlet pressure (after pressure adjustment). Note that while a larger diaphragm pressure bearing diameter ratio allows greater paint outlet pressure adjustment, the maximum pressure will be lower.

FCV-5 Features

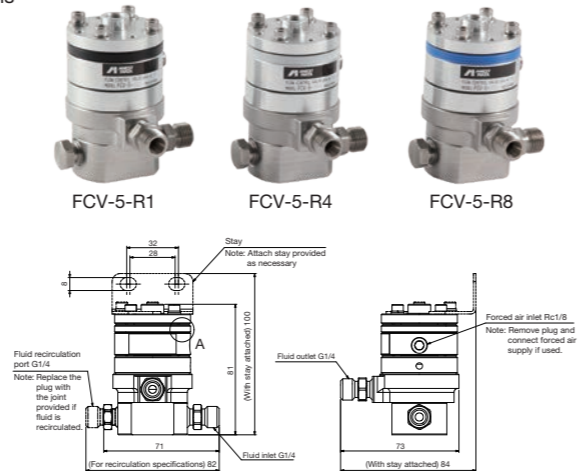
1. Paint passage interiors with springless construction 2. Unidirectional interior construction

This eliminates faulty operation caused by material adhering to pressure adjustment springs.

The interior paint flow is limited to one direction, eliminating paint stagnation and improving paint buildup to facilitate cleaning. * 50 % reduction in cleaning fluid compared to previous ANEST IWATA models

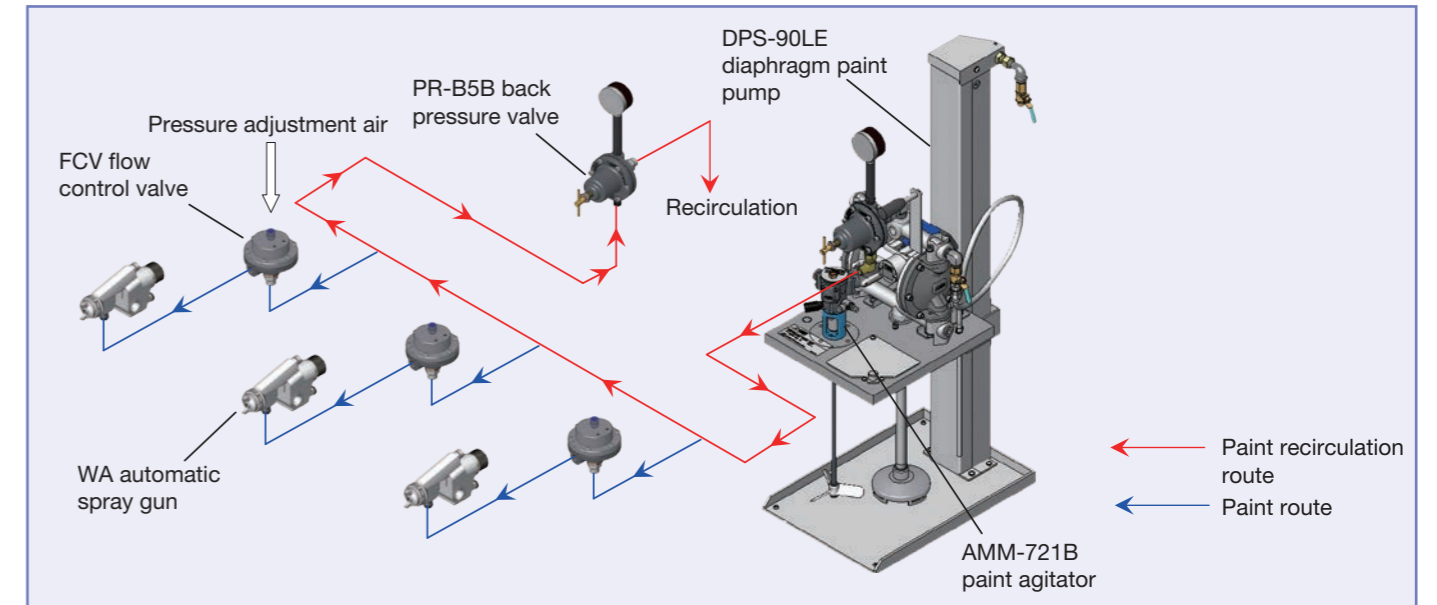
Model	FCV-5-R1	FCV-5-R4	FCV-5-R8
Type	With dump valve function	With dump valve function; for low fluid pressure and output	
Wetted parts material (body)	Stainless steel/fluorine resin		
Diaphragm pressure bearing diameter ratio*	1:1	1:4	1:8
Guideline fluid output	100 mL/min or greater	35 to 100 mL/min	20 to 50 mL/min
Maximum air pressure	0.6 MPa		
Maximum flow rate	2.0 L/min		
Maximum inlet pressure	1.0 MPa		
Air inlet	Rc1/8		
Paint inlet	G1/4B		
Paint outlet	G1/4B		
Dimensions (L x W x H)	73 x 71 x 81 mm (main unit only)		
Mass	580 g		
Mounting dimensions (front)	See drawings at right.		
Mounting dimensions (rear)	With inlet side (before pressure adjustment) recirculation port		

* This diaphragm pressure bearing diameter ratio will differ from the ratio between the air adjustment pressure and paint outlet pressure (after pressure adjustment). Note that while a larger diaphragm pressure bearing diameter ratio allows greater paint outlet pressure adjustment, the maximum pressure will be lower.



Piping Example for Paint Recirculation

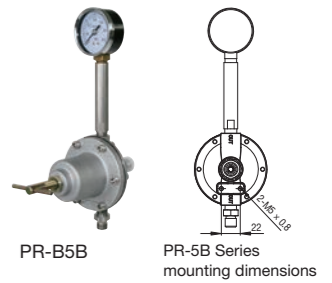
* Aluminum models use plated steel components for joints and other wetted parts. We recommend using stainless steel models for applications involving fluids that may cause corrosion.



PR-B5B Series Back Pressure Valves

Integrating these valves together with a paint regulator into the paint piping makes it possible to set up a paint recirculation system. They prevent precipitation of paints susceptible to precipitation, such as metallic paints, as well as ensure stable paint pressure when connected to multiple spray guns. They can be mounted on the paint return side of the paint recirculation system to allow fixed-quantity control.

Model	PR-B5B	PR-B5BN
Wetted parts material (body)*	Aluminum	Stainless steel
Pressure adjustment range	0 to 0.6 MPa	
Maximum flow rate	2.0 L/min	
Maximum inlet pressure	0.6 MPa	
Paint inlet	G1/4B	
Paint outlet	G3/8B	
Dimensions (L x W x H)	84 x 165 x 260 mm	
Mass	850 g	1,020 g
Mounting dimensions	2-M5 x 0.8, thread depth 8 mm, separation 22 mm	



TJU Series Paint Recirculation System Joints

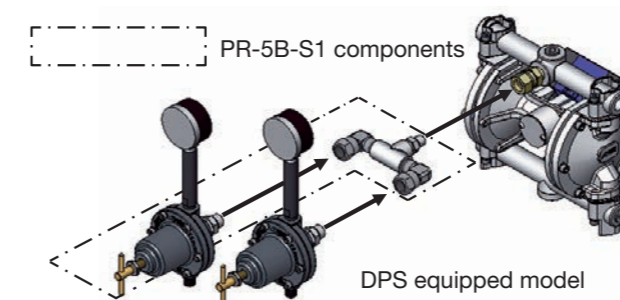
These joints can be attached to fluid joints on manual spray guns and general-purpose automatic spray guns to allow positioning of paint recirculation piping close to the spray guns.

Model	TJU-221B	TJU-321B
Wetted parts material (body)	Stainless steel	
Spray gun connector	G1/4 cap nut	G3/8 cap nut
Paint inlet (supply side)	G1/4B (PF1/4 male)	
Paint outlet (recirculation side)	G1/4B (PF1/4 male)	
Maximum operating pressure	0.69 MPa	
Suitable spray gun models	W-101/LPH-101/W-61/71 WA-101/LPA-101	W-200/LPH-200/W-77 WA-200/LPA-200
Remarks	With flow rate adjustment function	

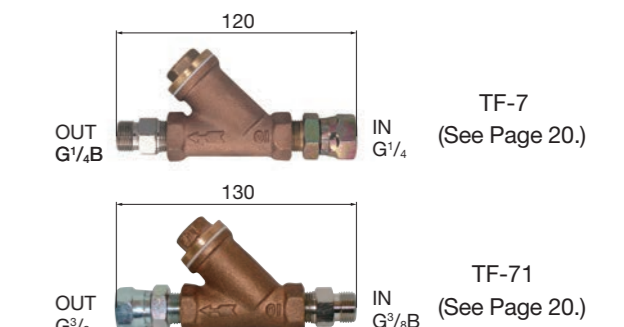


Options

Adding one paint regulator kit (PR-5B-S1) allows two spray guns to be connected. A stainless steel model is also available. (PR-5BN-S1)



Paint intermediate filter to remove dust and dirt



Pressurized Paint Tanks

PT Series Pressurized Paint Tank

Ideal for continuous spray work using a constant paint color
Equipped with an agitator as standard to prevent paint precipitation. Both manual mixing and automatic mixing types are available.

Manual mixing type

Type	General purpose					
Model	PT-10D	PT-20D	PT-40D	PT-60D	PT-80D	
Tank capacity (normal upper/lower limits)	10 L (8.4 L/2.6 L)	20 L (18.8 L/4.9 L)	40 L (35.6L/10.7 L)	60 L (52.6 L/10.7 L)	80 L (68.8 L/10.9 L)	
Maximum operating pressure	0.34 MPa		0.18 MPa			
Operating temperature range	5 to 40 °C					
Air inlet	G1/4B					
Air outlet	G1/4B					
Paint outlet	G3/8B × 1 outlet		G3/8B × 2 outlets			
Paint inlet filter	60 mesh					
Dimensions (L × W × H)	315 × 315 × 547 mm	310 × 390 × 652 mm	460 × 465 × 700 mm	500 × 465 × 885 mm	500 × 465 × 1,045 mm	
Mass	13 kg	20 kg	27 kg	35 kg	39 kg	
Air regulator model	RR-56B					
Options	Inner container (actual capacity)	PTC-10W (6 L)	PTC-20W (14 L)	PTC-40W (28 L)	PTC-60W (46 L)	PTC-80W (62 L)
	Paint intermediate filter	TF-71: 100 mesh				

Automatic mixing type

Type	General purpose					
Model	PT-10DM	PT-20DM	PT-40DM	PT-60DM	PT-80DM	
Tank capacity (normal upper/lower limits)	10L (8.4L/2.6L)	20L (18.8L/4.9L)	40L (35.6L/10.7L)	60L (52.6L/10.7L)	80 (68.8L/10.9L)	
Maximum operating pressure	0.34 MPa		0.18 MPa			
Operating temperature range	5 to 40 °C					
Air inlet	G1/4B					
Air outlet	G1/4B					
Paint outlet	G3/8B × 1 outlet		G3/8B × 2 outlets			
Paint inlet filter	60 mesh					
Dimensions (L × W × H)	315 × 315 × 470 mm	310 × 390 × 590 mm	460 × 465 × 648 mm	500 × 465 × 828 mm	500 × 465 × 1,000 mm	
Mass	14 kg	23 kg	31 kg	38 kg	42 kg	
Air regulator model	RR-56B					
Air motor model	AM-5C		AM-3C			
Options	Inner container (actual capacity)	PTC-10W (6 L)	PTC-20W (14 L)	PTC-40W (28 L)	PTC-60W (46 L)	PTC-80W (62 L)
	Paint intermediate filter	TF-71: 100 mesh				



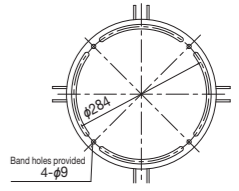
PT-10DM



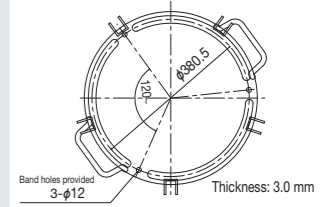
PT-20DMW



PT-40D



PT-20 hole positions



PT-40/60/80 hole positions



Inner container

For water-based paints	
PT-10DW	PT-20DW
10L (8.4 L/2.6 L)	20L (18.8 L/4.9 L)
0.34 MPa	
5 to 40 °C	
G1/4B	
G1/4B	
G3/8B × 1 outlet	
60 mesh	
315 × 315 × 547 mm	310 × 390 × 652 mm
13 kg	20 kg
RR-56B	
PTC-10W (6 L)	PTC-20W (14 L)
-	

Pressurized tank for water-based paints

- Wetted parts use different materials or have been subjected to surface treatment compared to general-purpose pressurized tanks.
 - Parts changed to stainless steel: Agitator spindle, suction pipe, bolts (wetted parts)
 - Parts subjected to electroless nickel plating: Suction filter unit, support bands, clamping bands, turbulence plates
- Use together with an inner container (stainless steel).
- Cannot be used with solvent-based paints.
- We recommend pressurized stainless steel tanks when using fluids likely to cause corrosion.

Inner container (stainless steel)

Used inside pressurized paint tanks; ideal for work requiring frequent color changeovers
* Optional item

For water-based paints				
PT-10DMW	PT-20DMW	PT-40DMW	PT-60DMW	PT-80DMW
10L (8.4 L/2.6 L)	20L (18.8 L/4.9 L)	40L (35.6 L/10.7 L)	60L (52.6 L/10.7 L)	80L (68.8 L/10.9 L)
0.34 MPa		0.18 MPa		
5 to 40 °C				
G1/4B				
G1/4B			G3/8B × 2 outlets	
G3/8B × 1 outlet		G3/8B × 2 outlets		
60 mesh				
315 × 315 × 470 mm	310 × 390 × 590 mm	460 × 465 × 648 mm	500 × 465 × 828 mm	500 × 465 × 1,000 mm
14 kg	23 kg	31 kg	38 kg	42 kg
RR-56B				
AM-5C		AM-3C		
PTC-10W (6 L)	PTC-20W (14 L)	PTC-40W (28 L)	PTC-60W (46 L)	PTC-80W (62 L)
-				

Pressurized Stainless Steel Tanks (Paint Tank Type)



COT-3M

COT-10HL

COT-20B

Features



- COT-3M
- COT-10/10M/10HL
- COT-20B/20BM/20BHL

The tank interior has a mirror finish to minimize adhesion and facilitate cleaning.
* Maximum operating pressure: 0.40 MPa

Pressurized Stainless Steel Tank (Vessel Type)



COT-100

Features

* Maximum operating pressure: 0.40 MPa

* For more information, refer to the general catalog for liquid application equipment.

* For more information, refer to the general catalog for liquid application equipment.

Multi-spray Unit

The multi-spray unit is a hybrid spray unit that utilizes the advantages of air spray guns and airless spray guns.

1. Effective in reducing paint use

The basic atomizing mechanism is the same as that in airless spray guns for lower paint splashback and scattering than air spray guns. The mechanism also improves the spraying environment by reducing paint use and reducing paint exposure for workers and contamination of spray booths.

2. Allows beautiful thick-coat spraying

A medium-pressure plunger pump is used, ensuring sufficient atomization even with high viscosity paints. Atomization is also promoted by blowing compressed air from the air cap in the same way as a spray gun, ensuring a beautiful paint finish with thick coats.

3. Good paint spraying characteristics

The spray air pressure is lower than that for air spray guns, improving the ability to spray paint on inner faces and corners of box-shape items.



MSU-2000C Multi-spray Unit

Unit model	MSU-2000C
Pump model	PP-1171C
Wetted parts material (pump body)	Aluminum/steel
Pressure ratio	17:1
Operating air pressure range	0 to 0.49 MPa
Maximum fluid pressure	9.8 MPa
Maximum fluid output*1	3.5 L/min
Allowable paint viscosity (guideline values)*2	Max. 50 sec / NK-2 Max. 160 cP
Operating temperature range	5 to 40 °C
Air inlet	G1/4B
Paint outlet	G1/4B
Paint inlet filter	50 mesh
Paint intermediate filter (TF-8)	100 mesh
Dimensions (L x W x H)	500 x 500 x 895 mm
Mass (excluding accessories)	23.5 kg
Compressor requirements (for pump operation)	2.2 kW
Accessories	
Spray gun	MSG-200
Paint hose	10 m (NH-35100)
Air hose	10 m (EAHU-6 type)

*1 Value at the paint outlet when using the pump on its own with no load and clean water as the fluid

*2 The allowable viscosity will vary depending on the suction hose and output piping.

Nozzle tip (for MSG-200/MSA-200 only)

Model	Fluid output		Pattern width
	mL/sec	L/min	
NT-1502CMU	3.0	0.18	13 to 18 cm
NT-1503CMU	4.5	0.27	
NT-2002CMU	4.0	0.24	18 to 23 cm
NT-2003CMU	6.0	0.36	
NT-2004CMU	8.0	0.48	
NT-2005CMU	10.0	0.60	23 to 28 cm
NT-2503CMU	7.5	0.45	
NT-2504CMU	10.0	0.60	28 to 33 cm
NT-2505CMU	12.5	0.75	
NT-3003CMU	9.0	0.54	33 to 38 cm
NT-3004CMU	12.0	0.72	
NT-3005CMU	15.0	0.90	
NT-3006CMU	18.0	1.08	
NT-3503CMU	10.5	0.63	
NT-3504CMU	14.0	0.84	
NT-3505CMU	17.5	1.05	
NT-3506CMU	21.0	1.26	

* The fluid output and pattern width figures are for melamine 20-second NK-2 paint with 4.9 MPa fluid pressure and horizontal spraying at a distance of 200 mm.

Multi-spray gun

Type	Hand spray gun	Automatic spray gun
Model	MSG-200	MSA-200
Maximum operating paint pressure	9.8 MPa	
Normal paint pressure	4.9 MPa	
Normal spraying air pressure	0.15 MPa	
Paint hose connection	G1/4B	
Air hose connection	G1/4B	
Spray gun filter (internal)	200 mesh	
Nozzle tip (accessory)	NT-2004CMU	
Mass	525 g	710 g

* Paint viscosity range 10 to 50-second NK-2



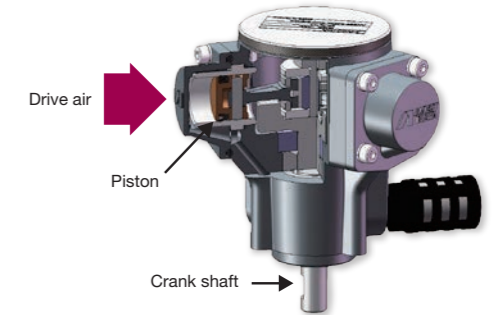
Paint Agitators



Mazeco AMM Series Mazeco Paint Agitator Features

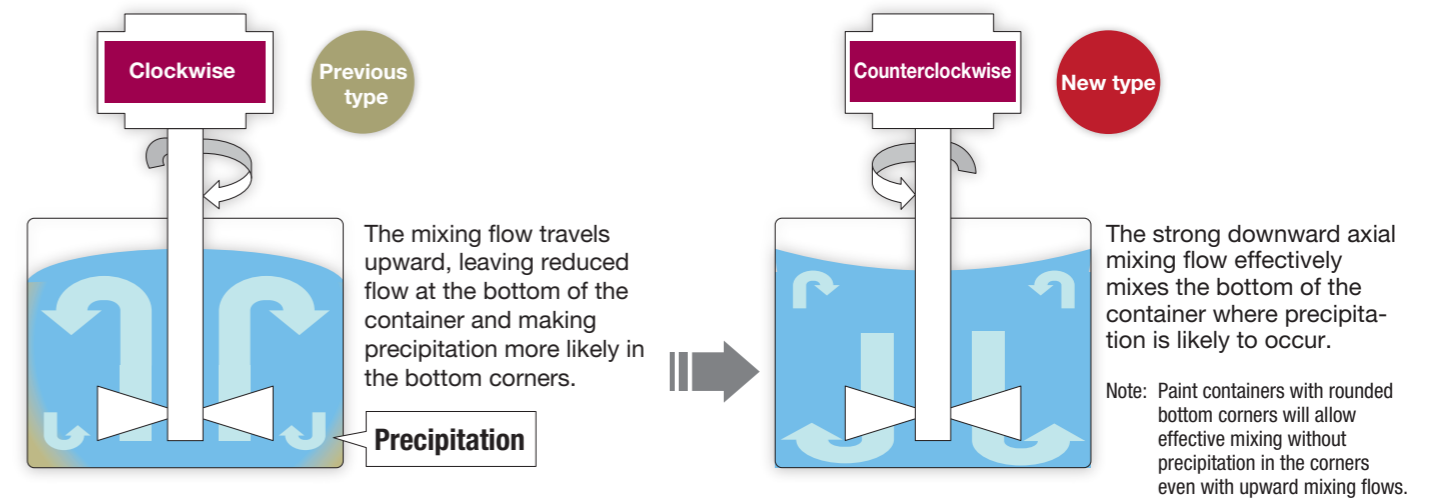
ANEST IWATA's Mazeco Series paint agitators use a radial piston air motor. They offer the following advantages over traditional vane-type air motors:

- 1 | Capable of low-speed rotation even without a reduction gear
- 2 | Streamlined design without reduction gear (fewer replaceable parts)
- 3 | Minimal fluctuations in rotation speed (stable rotation speed)
- 4 | Dramatically lower air consumption (high energy savings)

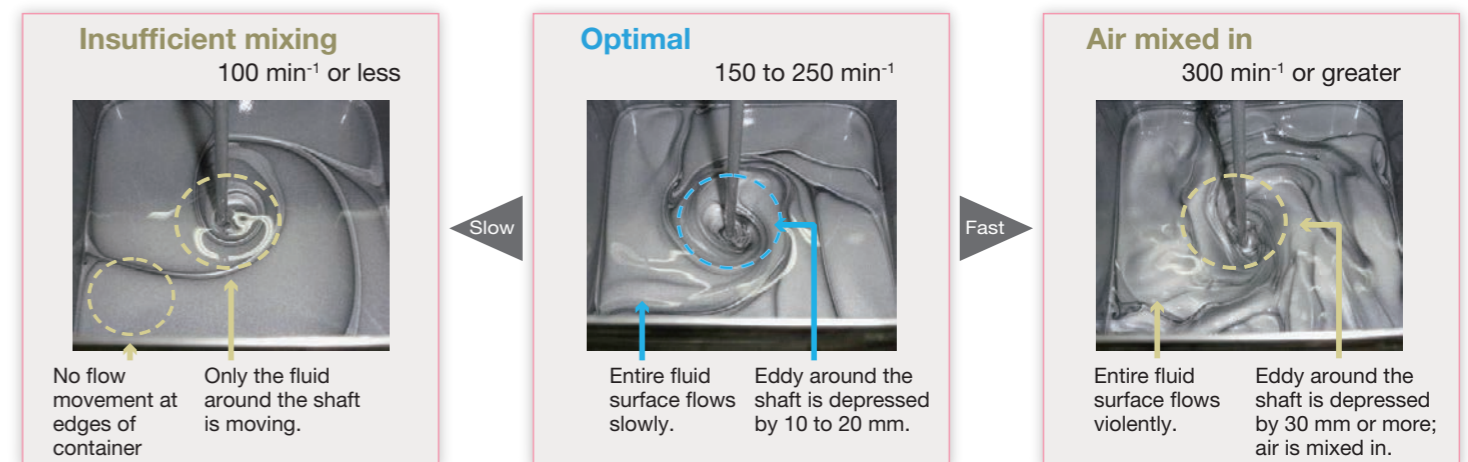


The range includes the AMM-6 Series with a medium AM-6B air motor and the AMM-7 Series with a small AM-7B air motor to suit the paint to be mixed and the equipment.

Mixing flow direction differences (For AMM-7 Series)

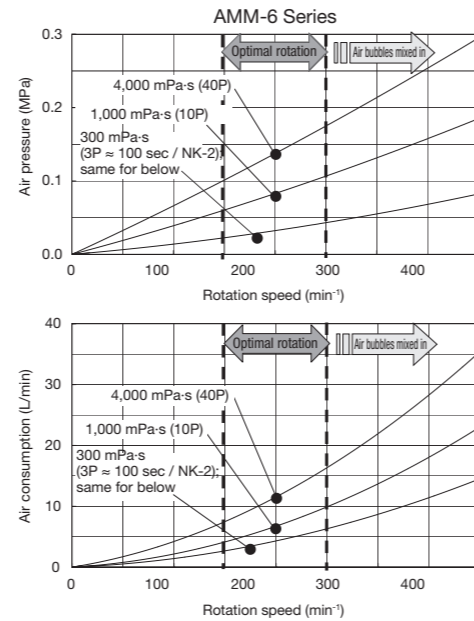
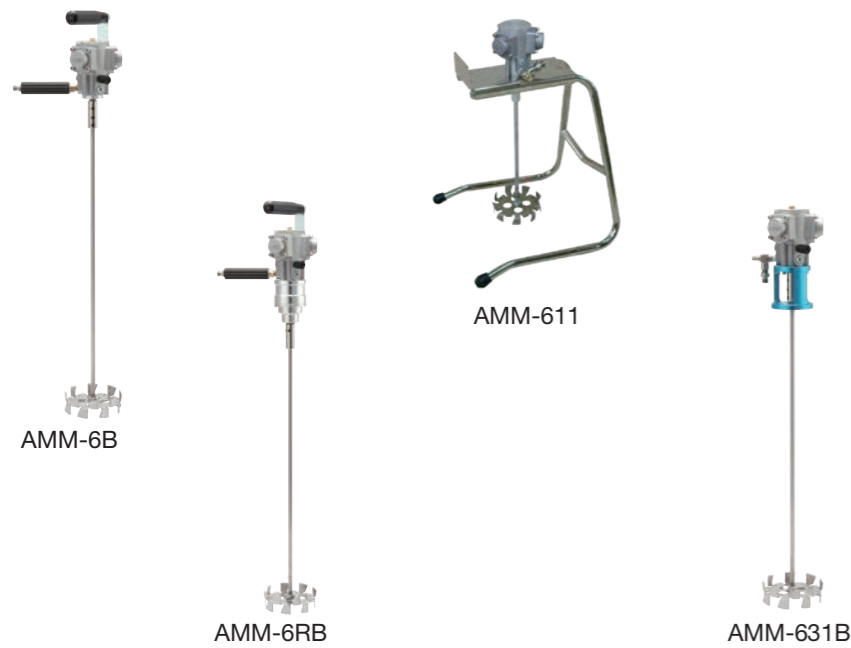


Mixing differences due to rotation speed — "Mixing" rather than "stirring"

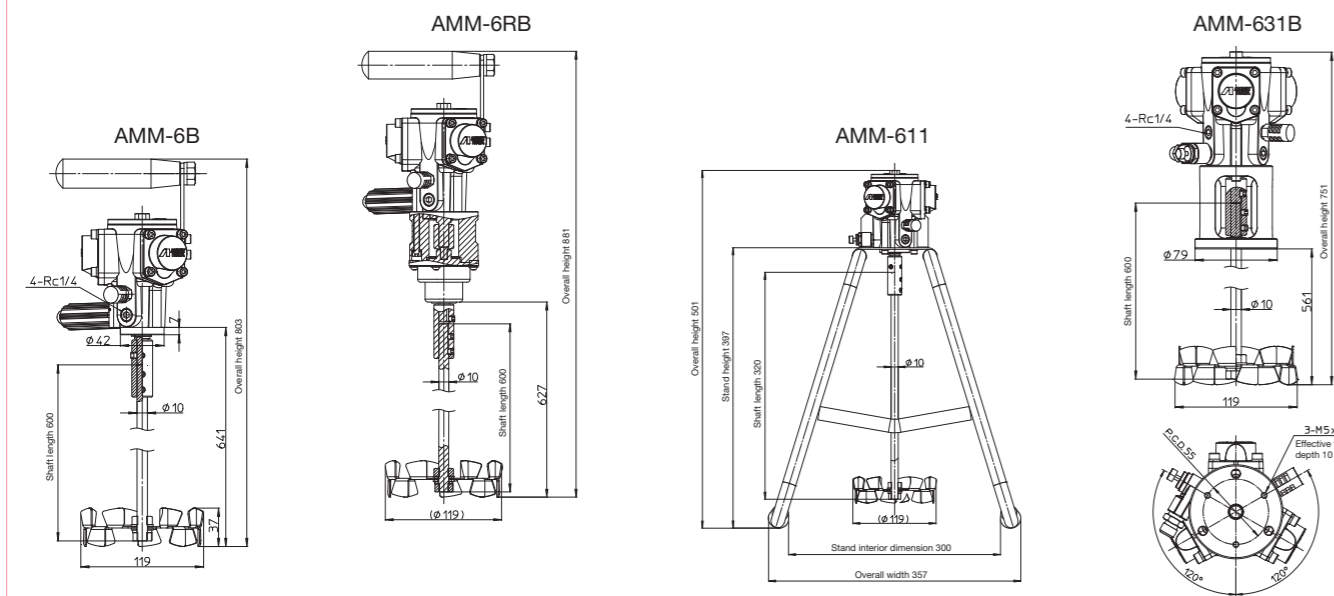


Agitator Applications

AMM-6 Series Medium Air Motor



Dimensional Drawings

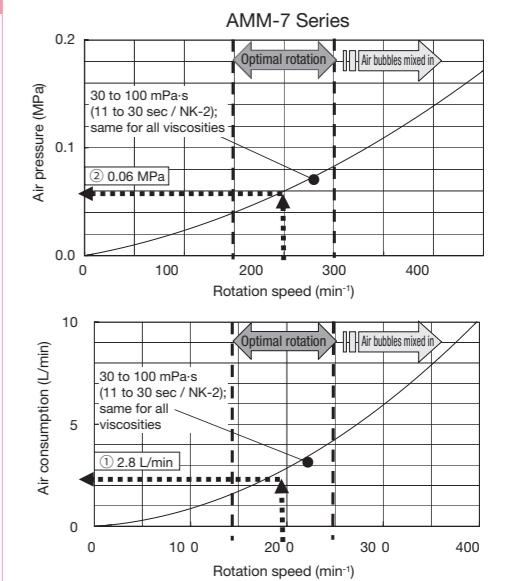
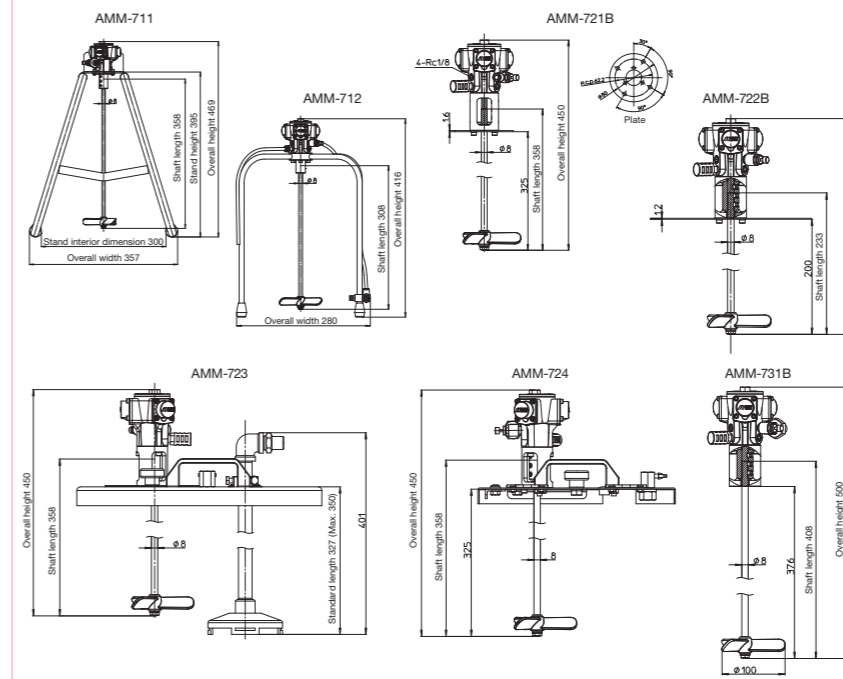


Agitator model	AMM-6B	AMM-6RB	AMM-611	AMM-631B
Type	Handheld type		Stand type	For integration
Air motor model	AM-6B			
Reduction gear ratio	1:1	1:5	1:1	
Allowable viscosity (guideline values)	Max. 1,000 mPa-s	Max. 4,000 mPa-s	Max. 1,000 mPa-s	
Air inlet	G1/4" (BSP1/4" male)			
Blade material	SUS304			
Shaft material	SUS303			
Mass	2.3 kg	3.0 kg	4.6 kg	2.3 kg

AMM-7 Series Small Air Motor



Dimensional Drawings



- Explanation of graphs
- When the agitator is set to turn at 200 min⁻¹,
- ① Air consumption is 2.8 L/min
- ② The air pressure required to drive the agitator is 0.06 MPa

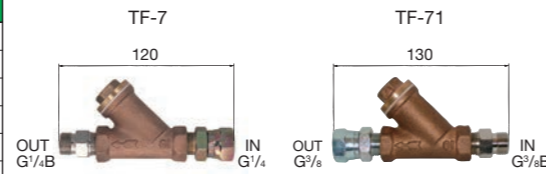
Agitator model	AMM-711	AMM-712	AMM-721B	AMM-722B	AMM-723	AMM-724	AMM-731B
Type	Stand type (for 18 L rectangular can)	Stand type (for 4 kg round can)	Raising/lowering type for DPS pump	For HDP pump	For 20 L pail	For 18 L rectangular can	For integration
Air motor model	AM-7B						
Reduction gear ratio	1:1						
Allowable viscosity (guideline values)	Max. 60 mPa-s (20 sec / NK-2)						
Air inlet	G1/4B	ø6 quick connector			G1/4B		
Blade material	POM (polyacetal)						
Shaft material	SUS303						
Mass	2.7 kg	2.7 kg	1.0 kg	1.1 kg	3.5 kg	2.9 kg	0.8 kg

Paint Filters

TF-7 Series Intermediate Paint Filters

Eliminates dust and dirt that can cause painting defects. This is used attached to the paint outlet of diaphragm pumps or paint tanks or between paint hoses.

Filter model	TF-7	TF-71
Body material	Bronze casting	
Paint inlet	G1/4 cap nut	G3/8 cap nut
Paint outlet	G1/4B	G3/8B
Paint filter	100 mesh	
Optional filter	150/200 mesh	
Maximum operating paint pressure	1.27 MPa	



SFX-179 Series Spray Gun Paint Filters

These filters are used attached to spray gun fluid joints.

Filter model	SFX-179-150	SFX-179-200	SFX-179-300
Body material	Aluminum		
Spray gun connector	G1/4		
Paint hose connector	G1/4B		
Paint filter	Equivalent to 150 mesh (resin)	Equivalent to 200 mesh (resin)	Equivalent to 300 mesh (resin)
Maximum operating paint pressure	0.7 MPa		
Compatible spray gun models	W-101/LPH-101/W-61/W-71/WA-101/LPA-101/LW-10B/LW-18B		



Air Transformer

Integrated air regulator and air cleaner

RR-A Series Air Transformers

Model	RR-A	RR-AS	RR-AT
Type	Single-side pressure adjustment type	Double-side pressure adjustment type	Single-side pressure adjustment type
Allowable inlet pressure	1.0 MPa		1.4 MPa
Pressure adjustment range	0.05 to 0.78 MPa		0.05 to 1.13 MPa
Air flow rate	780 L/min		
Maximum operating temperature (fluid temperature)	80 °C		
Air inlet	G3/8B		
Air outlet	G1/4B x 2		
Air discharge left/right	Pressure adjusted air / Original pressure air	Pressure adjusted air / Pressure adjusted air	Pressure adjusted air / Original pressure air
Filter mesh size	20 μ		
Drain type	Manual		
Remarks	Pressure drop of 0.03 MPa for outlet pressure of 0.49 MPa		



Air Regulators

RR-55B/56B/57B Air Regulators

Model	RR-55B	RR-56B	RR-57B
Allowable inlet pressure	1.37 MPa		
Pressure adjustment range	0.05 to 0.69 MPa	0.05 to 0.34 MPa	0.05 to 0.69 MPa
Air flow rate*1	580 L/min		
Maximum operating temperature (fluid temperature)	100 °C		
Air inlet	Rc1/4		
Air outlet	Rc1/4		

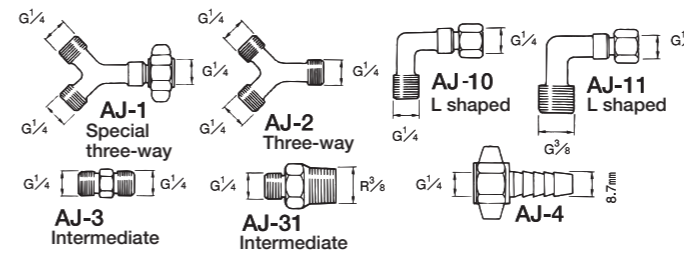
*1 Air flow rate for adjusted outlet pressure of 0.49 MPa



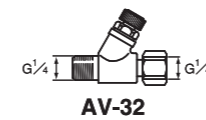
RR-56B

Joints and Hoses

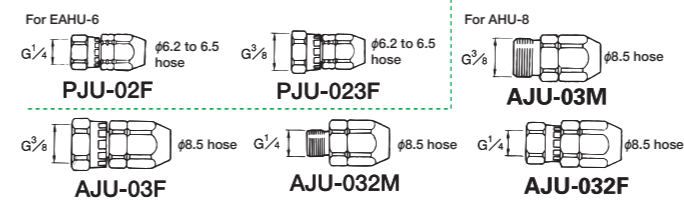
Air Joints



Air Valve

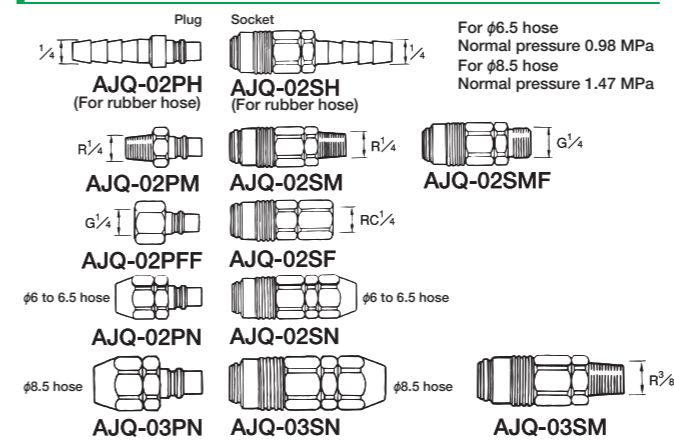


Urethane Air Hose Joints



* Use AJU-02F/AJU-02M joints for former AHU-6 urethane air hoses.

Air Quick Joints (*1)



(*1) ● For use with air hoses only. Never use with paint hoses.
● If a ground wire is not used, the joint can be connected in a conventional manner without drawing out the ground wire. However, hoses should be labeled appropriately to avoid mistaken use of hoses with a ground wire and hoses without a ground wire.

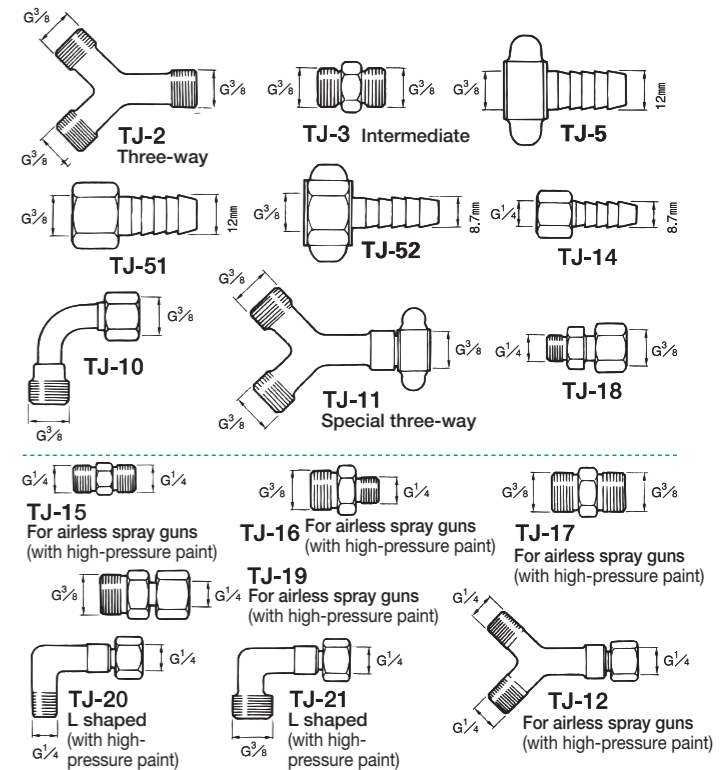
Air Hoses (*2)

Model	Material	Inner dia. x Outer dia. x Length	Max. operating pressure
EAHU-620		φ6.2 x φ9.3 x 20 m	1.47 MPa
EAHU-630		φ6.2 x φ9.3 x 30 m	
EAHU-650	Urethane with ground wire	φ6.2 x φ9.3 x 50 m	
EAHU-6100		φ6.2 x φ9.3 x 100 m	
EAHU-820		φ8.5 x φ12 x 20 m	
EAHU-8100		φ8.5 x φ12 x 100 m	
AHU-820B	Urethane	φ8.5 x φ12 x 20 m	
AHU-830B		φ8.5 x φ12 x 30 m	
AHU-850B		φ8.5 x φ12 x 50 m	
AHU-8100B		φ8.5 x φ12 x 100 m	

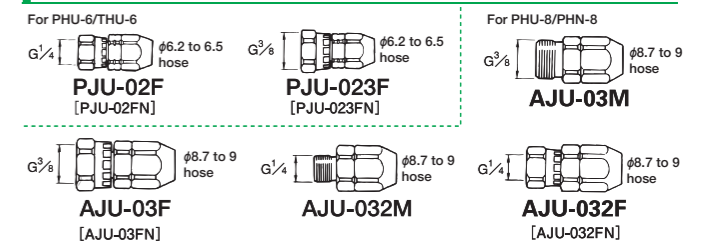
CAUTION Precautions when using air hoses with ground wire(*2)

- These hoses include a ground wire, but the connected devices must be grounded.
- Never use as air hoses for supply pumps used with low-resistance paint static spraying units or insulated bases whether or not the ground wire is used. In such cases, use a urethane air hose (AHU-8) or paint hose (PHU/PHN) as the air hose.
- When using the ground wire, ground in accordance with the instruction manual and periodically check conductivity using a tester. Never use hoses if they are degraded or have broken wires; replace immediately with a new hose.
- For use as air hoses only. Never use as paint hoses.
- If a ground wire is not used, the joint can be connected in a conventional manner without drawing out the ground wire. However, hoses should be labeled appropriately to avoid mistaken use of hoses with a ground wire and hoses without a ground wire.

Fluid Joints

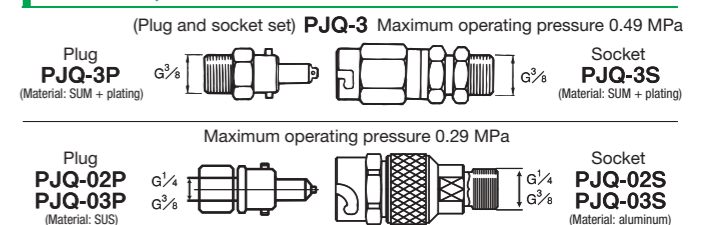


Paint Hose Joints



* Models in brackets are stainless steel models.

Fluid Quick Joints



Paint Hoses (*3)

Model	Material	Inner dia. x Outer dia. x Length	Max. operating pressure
PHU-620	Urethane	φ6.2 x φ9.3 x 20 m	0.69 MPa
PHU-6100		φ6.2 x φ9.3 x 100 m	
PHU-820		φ8.7 x φ12 x 20 m	
PHU-8100		φ8.7 x φ12 x 100 m	
PHN-620		φ6.5 x φ9.5 x 20 m	
PHN-6100	Nylon	φ6.5 x φ9.5 x 100 m	0.69 MPa
PHN-820		φ8.9 x φ12.1 x 20 m	
PHN-8100		φ8.9 x φ12.1 x 100 m	
PHF-620	Urethane with fluorine-based inner lining	φ6.5 x φ9.5 x 20 m	0.69 MPa
PHF-6100		φ6.5 x φ9.5 x 100 m	
PHF-820		φ8.9 x φ12.1 x 20 m	
PHF-8100		φ8.9 x φ12.1 x 100 m	
THU-620	Urethane (twin)	φ6.2 x φ9.3 x 2 x 20 m	0.69 MPa
THU-6100		φ6.2 x φ9.3 x 2 x 100 m	

* The THU-6 Series twin hoses for air feature orange threads and have the model printed on them.

CAUTION Precautions on paint hose selection(*3)

- Do not use urethane paint hoses (PHU/THU) with highly-dissolving or reactive paints or thinners such as ketone-based solvents, 2K reaction paints, or urethane-based paints. These products may cause the hose to split, allow paint to spray out, and generate various hazards. Use nylon paint hoses (PHN) instead.

