



COATING EQUIPMENT **FOR** INDUSTRIAL APPLICATIONS



Catalogue

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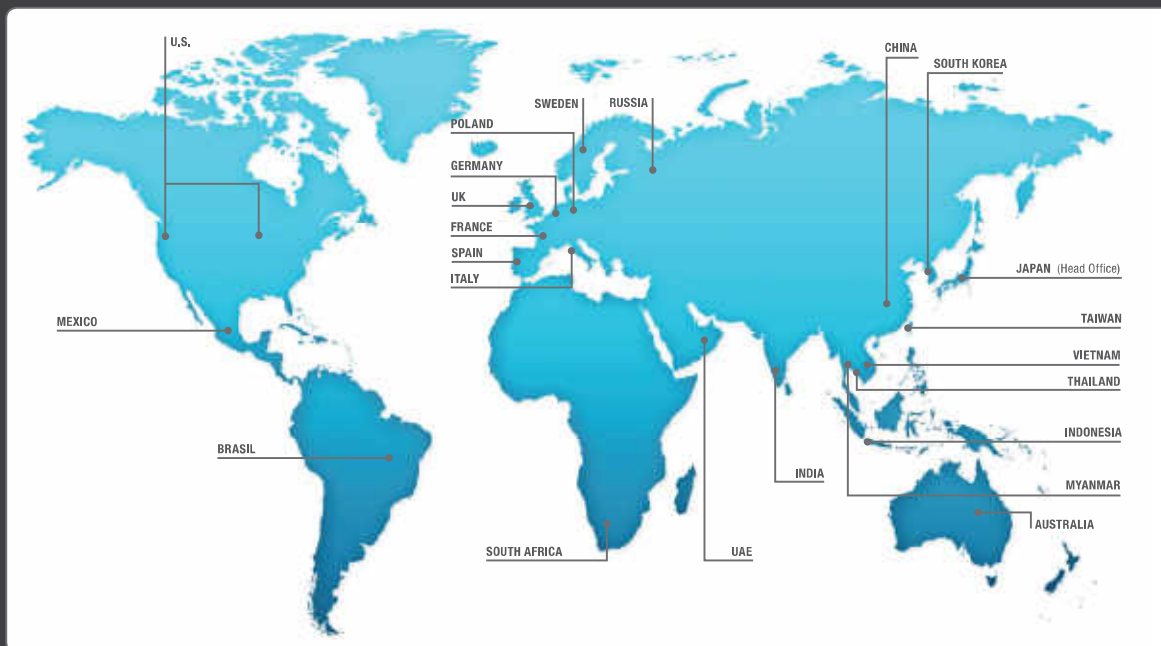
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WHO IS ANEST IWATA?

We are the coating experts. From automotive paint to industrial adhesives, **ANEST IWATA'S** patented LV technology and innovative design create the most reliable and consistent finishing in the industry.

Manual and automatic spray guns, robotic systems, pressure pots, fluid delivery systems, mold release applicators, airbrushes, compressors, and vacuum pumps are just a few examples of the high-end finishing solutions we provide. **ANEST IWATA** spray equipment is used around the world for precise coating applications such as automotive refinish, wood, transportation, military, firearms, textiles, electronics, furniture, and much more.

The **ANEST IWATA** group, founded as Iwata Seisakusho in 1926, is a leading global manufacturer in the sector of coating technology, with over 1,300 employees around the world.



WHAT DOES ANEST IWATA STAND FOR?

The **ANEST IWATA** group is a continually active corporation oriented toward steady development.

Through consistently developing new products and leading innovations in technology, we strive toward constant improvement and perfection.

The **ANEST IWATA** group is innovative, employing the latest application processes in all we do.

ACTIVE & NEWEST TECHNOLOGY IWATA



1 GENERAL INFORMATION

HOW TO READ CATALOG

- ICONS EXPLAINED 6
- HOW TO READ CATALOG CHARTS..... 6

CONVERSIONS

- NOZZLE CONVERSIONS 6
- FAN PATTERN CONVERSIONS 6

2 MANUAL SPRAY GUNS

HVLP PRESSURE | SIPHON | GRAVITY

- LS-400 SUPERNOVA ENTECH GRAVITY 8
- LPH-400-LV GRAVITY 10
- LPH-400-LVX GRAVITY 11
- LPH-400-LVB GRAVITY 12
- LPH-200-P | LPH-200-LVP | LPH-2003 PRESSURE 14
- LPH-300-LV GRAVITY 16
- LPH-101-P | LPH-101-LVP | LPH-101-LVS | LPH-101-LVG PRESSURE | SIPHON | GRAVITY 18
- LPH-80 GRAVITY..... 20
- LPH-50 GRAVITY..... 22

NON-HVLP CONVENTIONAL PRESSURE | SIPHON | GRAVITY

- WS-400HD SUPERNOVA EVOTECH GRAVITY 24
- W-400-LV GRAVITY 26
- W-400 GRAVITY 28
- W-200-P | W-200-ZP | W-200-S25 PRESSURE..... 30
- W-200-S | W-2003 SIPHON 32
- W-200 GRAVITY 34
- W-101-P | W-101-S | W-101-G PRESSURE | SIPHON | GRAVITY 36
- W-77-P | W-77-S | W-77-G PRESSURE | SIPHON | GRAVITY..... 38
- W-71-P | W-71-S | W-71-G PRESSURE | SIPHON | GRAVITY 40

SPECIAL PURPOSE

- LW-10B | LW-18B EXTENSION SPRAY GUNS 42
- COG-200 | COG-101 ADHESIVE APPLICATION SPRAY GUN..... 44
- TOF-50 | TOF-50R COMPACT PRESSURE-FEED SPRAY GUN..... 46
- RG3L ROUND PATTERN GRAVITY 48

ACCESSORIES

- CUPS & CONTAINERS FOR MANUAL SPRAY GUNS 50
- HOSES AND FITTINGS FOR PRESSURE APPLICATIONS..... 54

3 ELECTROSTATIC SPRAY GUNS

EXTERNAL CHARGING SYSTEM

- E-MW50 58

INTERNAL CHARGING SYSTEM

- E-M15B..... 60

4 AUTOMATIC SPRAY GUNS

GENERAL PURPOSE

- WA-200 64
- WA-101 64
- LPA-200 64
- LPA-101..... 64



4 AUTOMATIC SPRAY GUNS (CONTINUED)

ROBOT APPLICATION

• WRA-101	66
• WRA-200	66
• LRA-200	66
• WA-M220 WA-M220-L without MANIFOLD	68

SPECIAL PURPOSE

• WA-1218 WA-0915 WA-0609 with EXTENSION NOZZLE	70
• TOF-5B TOF-5RB TOF-6B TOF-6RB	72
• SGA-101	73
• COG-A200 COG-R200	74

5 LOW PRESSURE FLUID APPLICATIONS

DOUBLE DIAPHRAGM PUMP UNITS

• DPS-120 DPS-90	78
• DPS-70C DPS-70CN	79

DOUBLE DIAPHRAGM PUMP ACCESSORIES

• DPS-120 DPS-90 ACCESSORIES	80
• DPS-70C DPS-70CN ACCESSORIES	82
• SPARE PARTS AND ACCESSORIES	84
• AIR REGULATOR SET	84
• SUCTION HOSE & DRAIN HOSE SET	85
• PAINT FILTER SET	85
• FCV-31 FCV-31 N-S1-R4 / -R8 PAINT FLOW CONTROL VALVE	86
• FCV-3 PAINT FLOW CONTROL VALVE	86
• PR-5BL PR-5BL N PAINT PRESSURE REGULATOR	87
• PR-B5 PR-B5 BN BACK PRESSURE VALVE FOR PAINT RECIRCULATION	87

PRESSURE POTS

• PC-18D (max. 3,5 bar / 50,5 PSI)	88
• PRESSURE TANK PET-10 (max. 4,0 bar / 58 PSI)	89

6 MEDIUM & HIGH PRESSURE FLUID APPLICATIONS

FLOW GUN

• FG-6 FG-61 FG-62	92
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AIRLESS SPRAY GUN

• ALG-7 ALG-72 ALG-73	93
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MULTI SPRAY SERIES

• MSGS-200 120S / 120L / 250S / 250L	94
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AIRLESS UNITS

• ALS-333 C ALS-423 TX ALS-433 C ALS-433 TX	98
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MULTI SPRAY UNITS

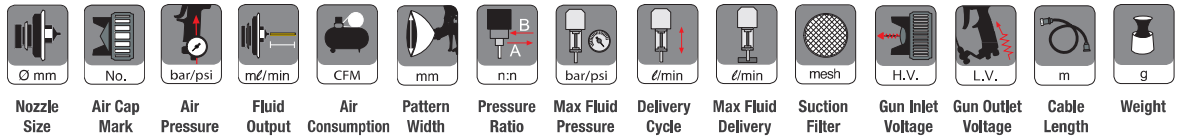
• MSU 11N MSU 32N	100
• MSU-323 C MSU-323 CTX MSU-423 TX MSU-433 TX	102

ACCESSORIES - AIRLESS & MULTI SPRAY UNITS

• PAINT FILTER UNITS	106
• AIR REGULATORS	107
• MEDIUM & HIGH PRESSURE HOSES	109
• DIP TUBE WITH FILTER	109
• WHEEL CART for MSU-113N	109
• DRAIN OPERATING VALVE SET for MSU-113N	109



ICONS EXPLAINED



HOW TO READ CATALOG CHARTS

1. MODEL NAME
2. DESCRIPTION
3. NOZZLE SIZE
4. CODE
5. AIR CAP SET
6. NOZZLE & NEEDLE

ORDER INFORMATION - W-101 PRESSURE					
1	W-101	Ø 0.8	Ø 1.0	3 Ø 1.3	Ø 1.5
2	PRESSURE SPRAY GUN	4400B	4403B	4 4405B	4407B
6	NOZZLE + NEEDLE SET	93706610	93691610	93666610	93698610
5	AIR CAP SET	E2P			93704610

NOZZLE CONVERSIONS

MM	INCH	MM	INCH	MM	INCH
0.4	0.016	1.3	0.051	1.9	0.075
0.6	0.024	1.4	0.055	2.0	0.079
0.8	0.031	1.5	0.059	2.5	0.098
1.0	0.039	1.6	0.063	3.0	0.12
1.1	0.043	1.7	0.067	3.5	0.14
1.2	0.047	1.8	0.071		

FAN PATTERN CONVERSIONS

MM	INCH	MM	INCH	MM	INCH
0	0	210	8.2677	420	16.535
10	0.3937	220	8.6614	430	16.929
20	0.7874	230	9.0551	440	17.323
30	1.1811	240	9.4488	450	17.717
40	1.5748	250	9.8425	460	18.11
50	1.9685	260	10.236	470	18.504
60	2.3622	270	10.63	480	18.898
70	2.7559	280	11.024	490	19.291
80	3.1496	290	11.417	500	19.685
90	3.5433	300	11.811	510	20.079
100	3.937	310	12.205	520	20.472
110	4.3307	320	12.598	530	20.866
120	4.7244	330	12.992	540	21.26
130	5.1181	340	13.386	550	21.654
140	5.5118	350	13.78	560	22.047
150	5.9055	350	14.173	570	22.441
160	6.2992	370	14.567	580	22.835
170	6.6929	380	14.961	590	23.228
180	7.0866	390	15.354	600	23.622
190	7.4803	400	15.748	610	24.016
200	7.874	410	16.142	620	24.409



MANUAL SPRAY GUNS

HVLP Pressure | Siphon | Gravity





FEATURES

- Patented LV Technology with split nozzle for increased material savings
- HVLP Technology - with low operating air pressure
- Excellent for solvent or waterborne base coat and clear coat application
- Large fan pattern
- Superior transfer efficiency
- Quality surface for easy cleaning
- Compatible with the 3M PPS cup system (adapter #43)

TECHNICAL

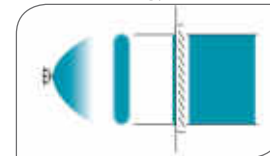
LS-400

Model	Ø mm	No.	bar/psi	m ² /min	CFM	mm
LS-400-1205	1.2	05	1.8/26	150	14.83	305
LS-400-1305	1.3			160		310
LS-400-1405	1.4			180		320
LS-400-1505	1.5			190		320

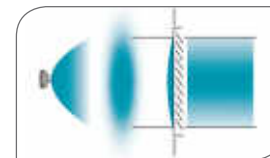
• Air Nipple: G1/4" • Fluid Nipple: G1/4"



LV Technology Split Nozzle



Round Nozzle

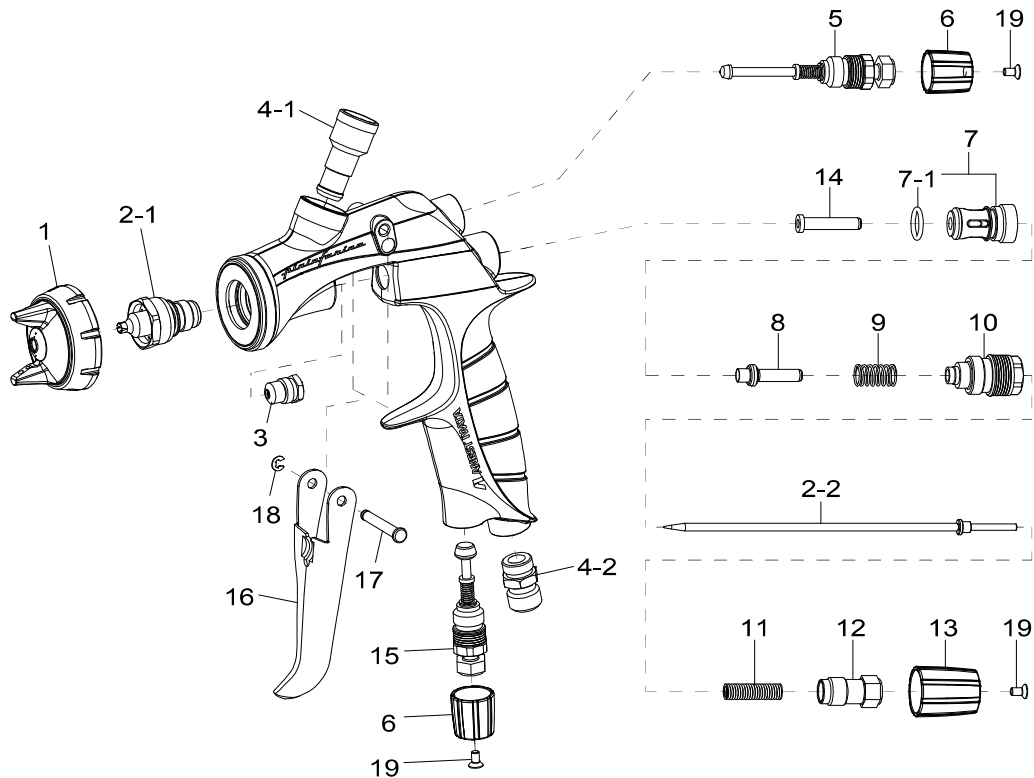


See page 50
for cup options
(sold separately)

ORDER Information - LS-400 ENTECH

	ø 1.2	ø 1.3	ø 1.4	ø 1.5
GRAVITY SPRAY GUN LS-400	5930	5935	5940	5945
GRAVITY SPRAY GUN + PCG600P2 - 200 ml	5931	5936	5941	5946
GRAVITY SPRAY GUN + PCG7D2 - 700 ml	5932	5937	5942	5947
GRAVITY SPRAY GUN + PCG10D2 - 1000 ml	5933	5938	5943	5948
GRAVITY SPRAY GUN + 8130B - REGULATOR	5934	5939	5944	5945
NOZZLE + NEEDLE SET	93512760	93512780	93513120	93513140
AIR CAP SET	LS-400-05 93512100			





SPARE PARTS

Ref.	Code	Description	Qty.
1	93512100	AIR CAP SET 05	
2.1+2.2		NOZZLE + NEEDLE SET	
3	93765610	CARTRIDGE PACKING	
4-1	93505421	FLUID NIPPLE	1/4"
4-2	93660300	AIR NIPPLE	1/4"
5	93505432	PATTERN ADJUST SET	
6	93512290	ADJUST KNOB	GREEN
7	93843530	AIR VALVE SEAT SET	
7-1	96638008	O RING	
8	93505480	AIR VALVE	
9	93719530	AIR VALVE SPRING	
10	93505492	FLUID ADJUST GUIDE SET	
11	93593530	FLUID NEEDLE SPRING	
12	93505822	FLUID ADJ. SCREW SET	
13	93512730	FLUID ADJUST KNOB	GREEN
14	93935430	AIR VALVE SHAFT	
15	93505842	AIR ADJUST SET	
16	93505850	TRIGGER	
17	93505860	TRIGGER STUD	
18	96612025	E STOPPER	
19	93506970	STAR FLAT HEAD BOLT	
18	93936880	FLUID ADJ. GUIDE SET	
19	93015880	FLUID NEEDLE SPRING	

ACCESSORIES

Ref.	Code	Description
	93505341	AIR CAP GASKET (BLACK)
	93505330	AIR CAP GASKET (WHITE)
	2978	TEST CAP GUAGE SET 05
	5652	REPAIR SERVICE KIT (Includes: 3, 7, 9, 11, 17, & 18)



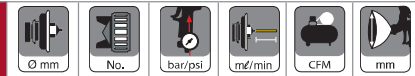
LPH-400-LV



FEATURES

- Patented LV Technology with split nozzle for increased material savings
- Ideal for general purpose use
- HVLP with low operating air pressure
- Quality surface for easy cleaning
- Minimal wear parts for easy maintenance
- Compatible with the 3M PPS cup system (Adapter #2)

TECHNICAL

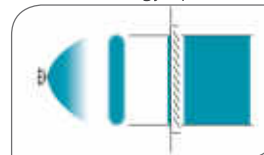


LPH-400-LV						
LPH-400-124LV	1.2	LV4 Silver	1.1/16	9.5	90	259
LPH-400-134LV	1.3				110	279
LPH-400-144LV	1.4				130	290
LPH-400-154LV	1.5				140	295
LPH-400-164LV	1.6				150	300
LPH-400-184LV	1.8				190	320

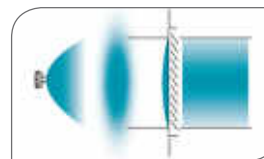
Air Nipple: G1/4" • Fluid Nipple: M16 x 1.5mm



LV Technology Split Nozzle



Round Nozzle



See page 50
for cup options
(sold separately)

ORDER Information - LPH-400-LV

	ø 1.2	ø 1.3	ø 1.4	ø 1.5	ø 1.6	ø 1.8
GRAVITY SPRAY GUN LPH-400LV	5540	5640	5550	5535	5560	5570
GRAVITY SPAY GUN + PCG6PM - 600ML	5541	5641	5551	5536	5561	5571
GRAVITY SPRAY GUN + PCG7EM - 700ML	5542	5642	5552	5537	5562	5572
GRAVITY SPRAY GUN + PCG10EM - 1000ML	5543	5643	5553	5538	5563	5573
NOZZLE + NEEDLE SET	93880600	93897600	93873600	93516650	93882600	93884600
AIR CAP SET (SILVER)	93874601					

Spray Gun Spare Parts - P. 13

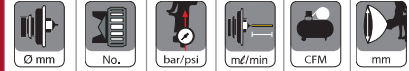




FEATURES

- All of the features of the LPH-400-LV with a specially designed orange cap for spraying metallics, stains, and dyes.

TECHNICAL



LPH-400-LVX						
LPH-400-134LVX	1.3	LVX Orange	1.1/16	120	9.8	300
LPH-400-144LVX	1.4			130		310
LPH-400-154LVX	1.5			145		330

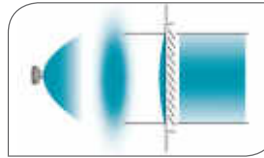
Air Nipple: G1/4" • Fluid Nipple: M16 x 1.5mm



LV Technology Split Nozzle



Round Nozzle



See page 50
for cup options
(sold separately)

ORDER Information - LPH-400-LVX

	ø 1.3	ø 1.4	ø 1.5
GRAVITY SPRAY GUN LPH-400-LVX	5660	5670	5680
GRAVITY SPRAY GUN + PCG6PM - 600ML	5661	5671	5681
GRAVITY SPRAY GUN + PCG7EM - 700ML	5662	5672	5682
GRAVITY SPRAY GUN + PCG10EM - 1000ML	5663	5673	5683
NOZZLE + NEEDLE SET	93897600	93873600	93516650
AIR CAP SET (ORANGE)	93548700		

Spray Gun Spare Parts - P. 13



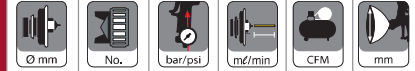
LPH-400-LVB



FEATURES

- All of the features of the LPH-400-LV with a specially designed purple air cap to spray the most difficult metallics

TECHNICAL



LPH-400-LVB						
LPH-400-134LVB	1.3	LVB Purple	0.97/ 14	95	8.3	320
LPH-400-144LVB	1.4			110		325
LPH-400-154LVB	1.5			125		335

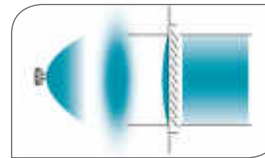
Air Nipple: G1/4" • Fluid Nipple: M16 x 1.5mm



LV Technology Split Nozzle



Round Nozzle



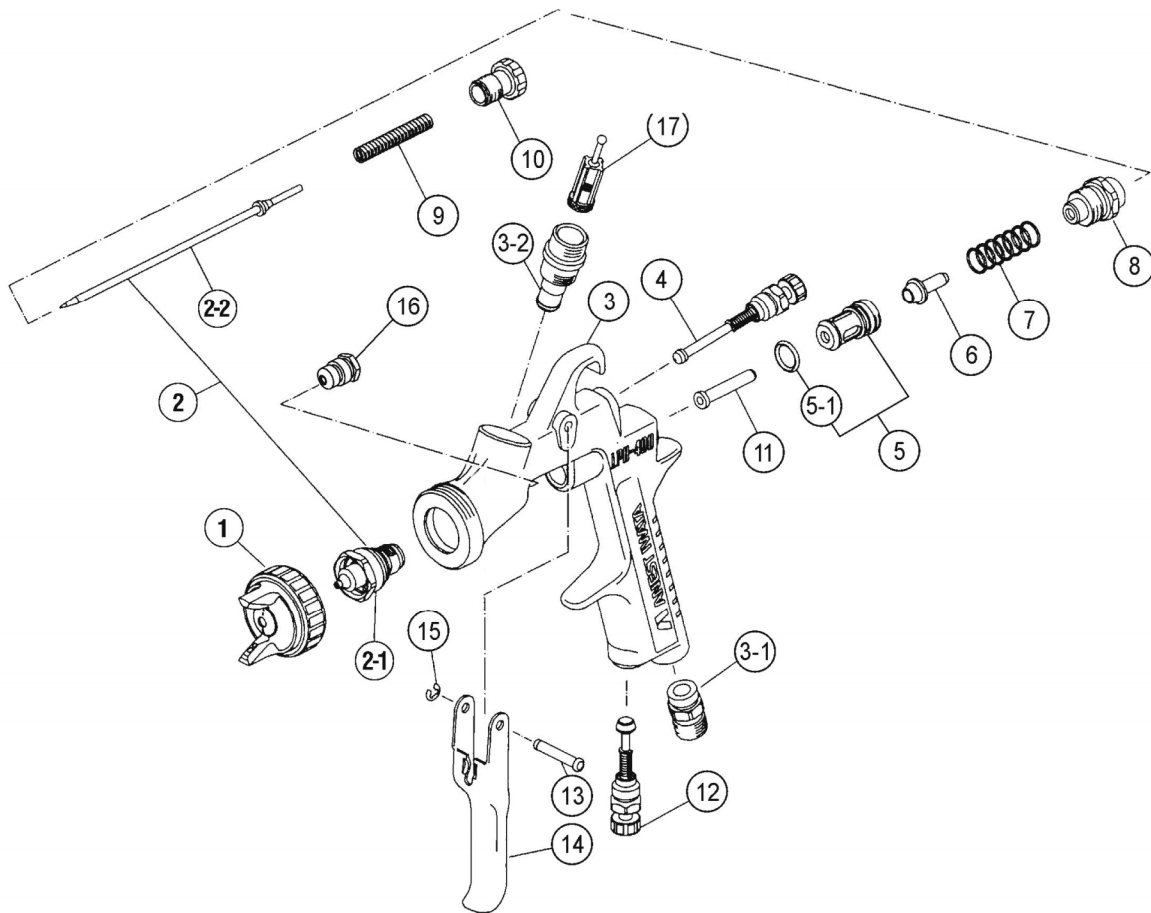
See page 50
for cup options
(sold separately)

ORDER Information - LPH-400-LVB

	Ø 1.3	Ø 1.4	Ø 1.5
GRAVITY SPRAY GUN LPH-400-LVB	5700	5705	5710
GRAVITY SPRAY GUN + PCG6PM - 600ML	5701	5706	5711
GRAVITY SPRAY GUN + PCG7EM - 700ML	5702	5707	5712
GRAVITY SPRAY GUN + PCG10EM - 1000ML	5703	5708	5713
NOZZLE + NEEDLE SET	93897600	93873600	93516650
AIR CAP SET (PURPLE)	93524650		

Spray Gun Spare Parts - P. 13





SPARE PARTS

Ref.	Code	Description	
1		AIR CAP SET	
2		NOZZLE + NEEDLE SET	
3-1	93660300	AIR NIPPLE	1/4"
3-2	93650531	FLUID NIPPLE	M16X1.5
4	93842601	PATTERN ADJ. SET	
5	93843530	AIR VALVE SEAT SET	
5-1	96638008	O RING	
6	93591530	AIR VALVE	
7	93719530	AIR VALVE SPRING	
8	93844532	FLUID ADJUST GUIDE SET	
9	93593530	FLUID NEEDLE SPRING	
10	93594532	FLUID ADJUST KNOB	
11	93935430	AIR VALVE SHAFT	
12	93845531	AIR ADJUST SET	
13	93667360	TRIGGER STUD	
14	93517600	TRIGGER	
15	93912030	STOPPER	(2 PCS./1PK.)
16	93765610	CARTRIDGE PACKING	
17	93515500	FILTER	60 MESH

ACCESSORIES

Ref.	Code	Description
	93708240	AIR CAP PACKING (WHITE)
	93512600	AIR CAP PACKING (BLACK)
	2950	MK5 MAINTENANCE KIT
	5650	REPAIR SERVICE KIT (includes: 5-1, 7, 9, 13, 15, 16)
	2995	TEST CAP GAUGE SET "LPH100-LV4"
	2996	TEST CAP GAUGE SET "LPH100-LVB"
	2998	TEST CAP GAUGE SET "LPH100-LV4X"

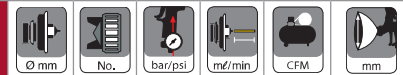




FEATURES

- Heavy-duty lightweight pressure feed HVLP spray gun is supplied with a standard spray set-up for industrial applications and higher viscosity materials
- Utilizing LV Technology and tulip inspired spray pattern, allowing for superior atomization with minimal overspray
- Contact Anest Iwata for additional nozzle sizes and/or materials
- LPH-200-LVP is ideal for fine finishing, base, single stage, and clear
- LPH-200-P is ideal for primer and DTM coatings

TECHNICAL

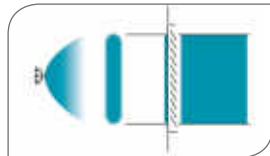


Model	Ø mm	No.	bar/psi	ml/min	CFM	mm
LPH-200-P						
LPH-200-102P	1.0	G2	1.9/28	500	17.7	250
LPH-200-122P	1.2					300
LPH-200-142P	1.4					300
LPH-200-162P	1.6					320
LPH-200-182P	1.8					300
LPH-200-202P	2.0					300
LPH-200-LVP						
LPH-200-086LVP	0.8	LV6	2.4/35	300	14.6	450
LPH-200-106LVP	1.0					200
LPH-200-126LVP	1.2					300
LPH-200-136LVP	1.3					300
LPH-200-146LVP	1.4					300
LPH-200-156LVP	1.5					300
LPH-2003						
LPH-2003-102P	1.0	G2	2.0/28	N/A	17.7	272
LPH-2003-122P	1.2					300
LPH-2003-142P	1.4					318

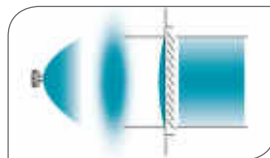
Air Nipple: G1/4" • Fluid Nipple: G3/8" LPH-2003: M16X1



LV Technology Split Nozzle



Round Nozzle



ORDER Information - LPH-200-P Pressure

	Ø 1.0	Ø 1.2	Ø 1.4	Ø 1.6	Ø 1.8	Ø 2.0
PRESSURE SPRAY GUN LPH-200-P	5403	5400	5405	5418	5421	5422
NOZZLE + NEEDLE SET	93859600	93858600	93860600	9LPH-200-162P10	9LPH-200-182P10	9LPH-200-X1-100
AIR CAP SET	93822601					

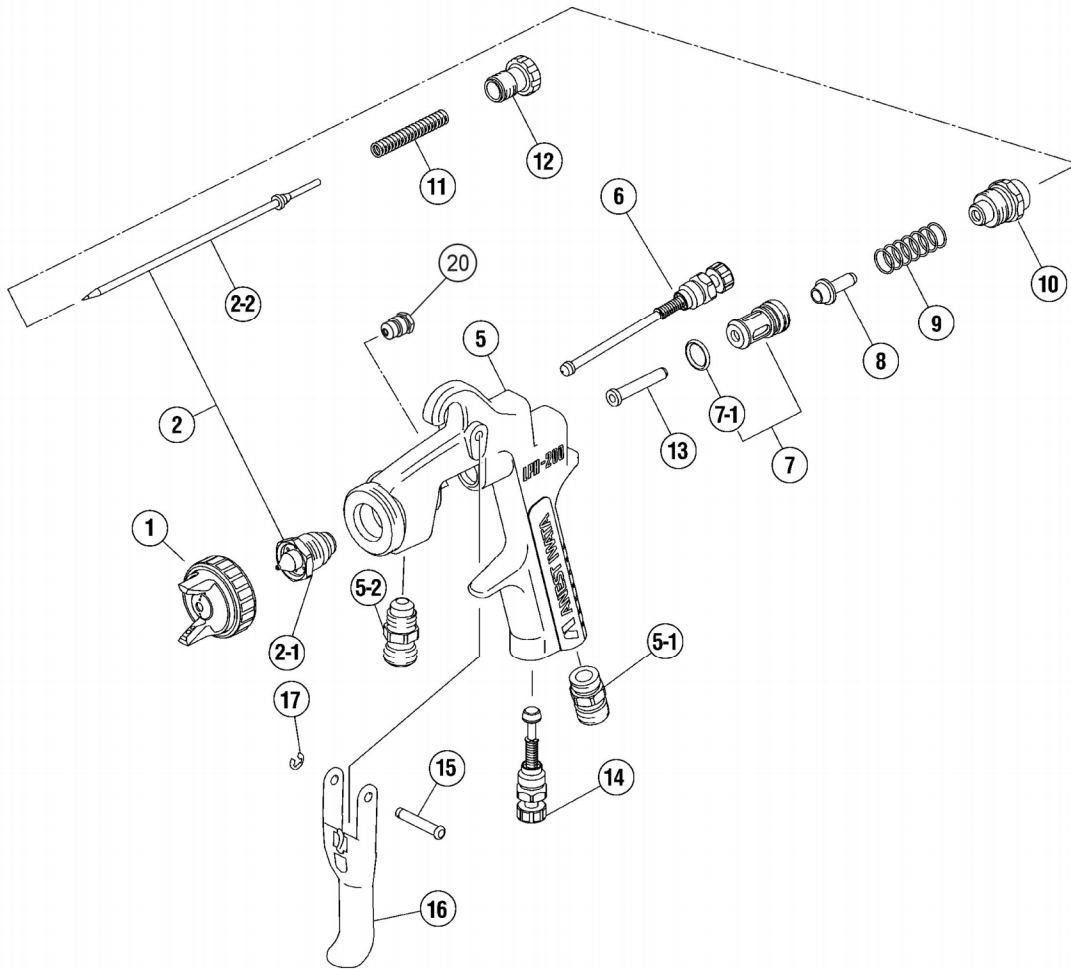
ORDER Information - LPH-200-LVP Pressure

	Ø 0.8	Ø 1.0	Ø 1.2	Ø 1.3	Ø 1.4	Ø 1.5
PRESSURE SPRAY GUN LPH-200-LVP	5406	5407	5408	5419	5409	5413
NOZZLE + NEEDLE SET	93593600	93594600	93595600	9LPH200136L-VP-1	9LPH200-14LV-10	9LPH200156L-VP-1
AIR CAP SET	93587601					

ORDER Information - LPH-2003 Pressure

	Ø 1.0	Ø 1.2	Ø 1.4
PRESSURE SPRAY GUN LPH-2003	5411	5410	5412
PRESSURIZED SPRAY GUN + PC19B	5416	5415	5417
NOZZLE + NEEDLE SET	93859600	93858600	93860600
AIR CAP SET	93822601		





SPARE PARTS

Ref.	Code	Description	Qty.
1		AIR CAP SET	
2		NOZZLE/NEEDLE SET	
5-1	93660300	AIR INLET	1/4"
5-2	93515600	FLUID NIPPLE	3/8"
5-2	93161710	FLUID NIPPLE	M16X1
6	93840601	PATTERN ADJUST SET	LPH-200-P
6	93898600	PATTERN ADJUST SET	LPH-200-LVP
7	93843530	AIR VALVE SEAT SET	
7-1	96638008	O RING	
8	93591530	AIR VALVE	
9	93719530	AIR VALVE SPRING	
10	93844532	FLUID ADJUST GUIDE SET	
11	93593530	FLUID NEEDLE SPRING	
12	93594532	FLUID ADJUST KNOB	
13	93935430	AIR VALVE SHAFT	
14	93845531	AIR ADJUST SET	
15	93667360	TRIGGER STUD	
16	93517600	TRIGGER	
17	93912030	STOPPER	2 Pcs. / 1 pk.
20	93765610	CARTRIDGE PACKING	

ACCESSORIES

Ref.	Code	Description
	93512600	L GASKET (BLACK)
	93708240	AIR CAP GASKET (WHITE)
	93910710	GASKET (LPH-2003)
	5650	REPAIR SERVICE KIT (Includes: 4, 7-1, 9, 11, 15, 17)
	2950	MK5 MAINTENANCE KIT
	93538600	GUN WRENCH
	2991	TEST CAP GAUGE SET G2
	2992	TEST CAP GAUGE SET LV6



LPH-300-LV

LPH-300-LV with
PCG7D2 Cup



FEATURES

- Patented LV Technology with split nozzle for increased material savings
- Rounded pattern produces low overspray
- Extremely low air supply pressure, only 14.5 PSI
- Very low air consumption
- Pleasant lightweight handling
- Finer atomization is suitable for wet on wet topcoat (1.4/1.6 mm)
- Simple operation of the control knobs for both right and left handers
- Conical seal nozzle, minimum wear parts
- Quality surface for an easy cleaning
- Easy maintenance

TECHNICAL



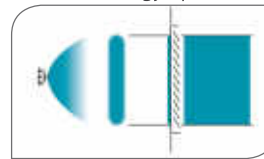
LPH-300-LV

Model	Ø mm	No.	bar/psi	ml/min	CFM	mm
LPH-300-124LV	1.2	LV4	1.3/18	70	8.5	210
LPH-300-134LV	1.3			80		230
LPH-300-144LV	1.4			90		250
LPH-300-164LV	1.6			110		230
LPH-300-184LV	1.8			130		230
LPH-300-204LV	2.0			150		230

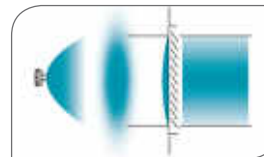
Air Nipple: G1/4" • Fluid Nipple: G1/4"



LV Technology Split Nozzle



Round Nozzle

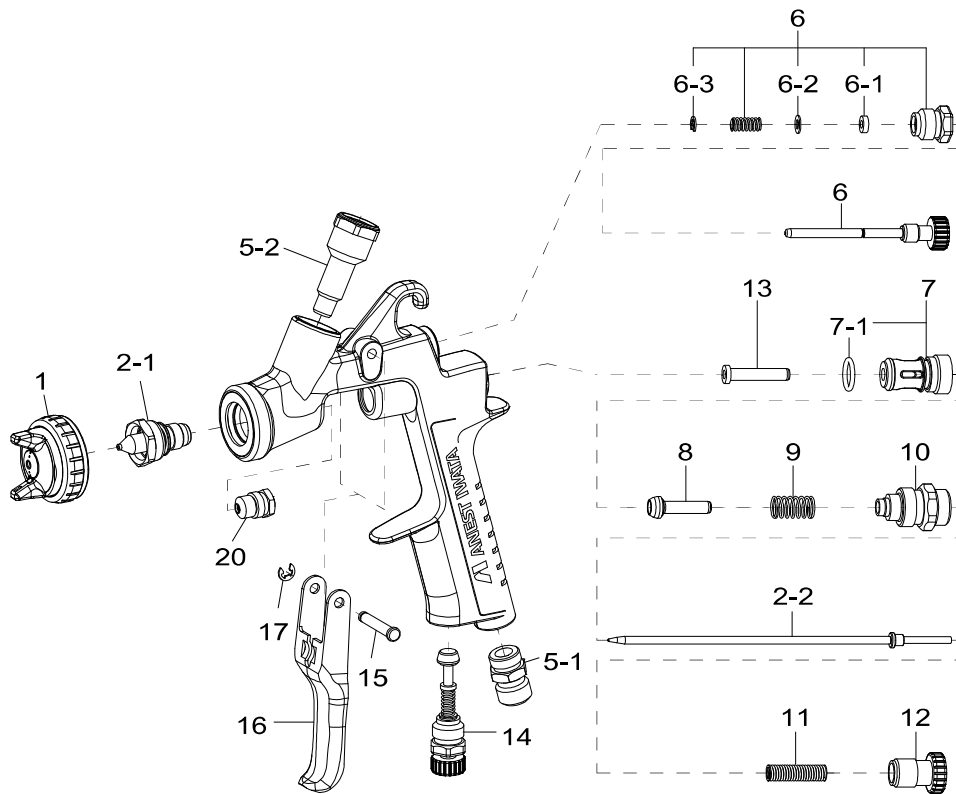


See page 50
for cup options
(sold separately)

ORDER Information - LPH-300-LV

	Ø 1.2	Ø 1.3	Ø 1.4	Ø 1.6	Ø 1.8	Ø 2.0
GRAVITY SPRAY GUN LPH-300-LV	3940	3955	3945	3950	3960	3965
GRAVITY SPRAY GUN + PCG4D2 - 400ML	3941	3956	3946	3951	3961	3966
GRAVITY SPRAY GUN + PCG600P-2 - 600ML	3943	3958	3948	3953	3963	3968
GRAVITY SPRAY GUN + PCG7D2 - 700ML	3942	3957	3947	3952	3962	3967
NOZZLE + NEEDLE SET	93867600	93623600	93862600	93869600	93871600	93621600
AIR CAP SET	93875602					





SPARE PARTS

Ref.	Code	Description	Qty.
1	93875602	AIR CAP SET	
2-1 + 2-2		NOZZLE + NEEDLE SET	
5-1	93660300	AIR NIPPLE	
5-2	93575620	FLUID NIPPLE	
6	93577620	PATTERN ADJ. SET	
6-1		STOPPER	Sold as Ref. 6
6-2		WASHER	Sold as Ref. 6
6-3		BACK RING	Sold as Ref. 6
7	93843530	AIR VALVE SEAT SET	
7-1	96638008	O RING	
8	93591530	AIR VALVE	
9	93719530	AIR VALVE SPRING	
10	93844532	FLUID ADJ. GUIDE SET	
11	93593530	FLUID NEEDLE SPRING	
12	93594532	FLUID ADJ. KNOB	
13	93935430	AIR VALVE SHAFT	
14	93845531	AIR ADJ. SET	
15	93667360	TRIGGER STUD	
16	93597530	TRIGGER	
17	93912030	E STOPPER	2 pcs./1 pk.
20	93765610	NEEDLE PACKING CARTRIDGE	

ACCESSORIES

Ref.	Code	Description
	93576530	AIR CAP PACKING (WHITE)
	93608320	AIR CAP PACKING (BLACK)
	2950	MK5 MAINTENANCE KIT
	5650	REPAIR SERVICE KIT (includes: 7-1, 9, 11, 15, 17, 20)
	2985B	TEST CAP GAUGE SET "LPH100-LV4"

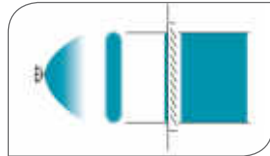




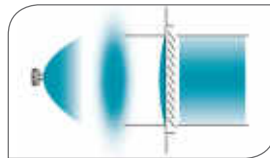
See page 52
for cup options
(sold separately)



LV Technology Split Nozzle



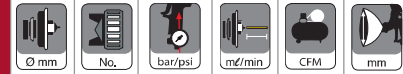
Round Nozzle



FEATURES

- Compact, lightweight HVLP spray gun reduces fatigue while maintaining full size spray gun functionality
- LV Technology and tulip inspired spray pattern for superior atomization and minimal overspray for higher transfer efficiency
- Ideal for primer and DTM coatings

TECHNICAL



LPH-101-P						
Model	Ø mm	No.	bar/psi	m³/min	CFM	mm
LPH-101-081P	0.8	E1	2.5/36	150	15.2	170
LPH-101-101P	1.0			200		200
LPH-101-122P	1.2	G2	3.5/50	350	18.7	270
LPH-101-131P	1.3	E1	2.5/36	200	15.2	240
LPH-101-151P	1.5			250		250
LPH-101-LVP						
LPH-101-062LVP	0.6	LV6	1.8/25	100	9.9	220
LPH-101-082LVP	0.8					230
LPH-101-102LVP	1.0			250		
LPH-101-112LVP	1.1			150		260
LPH-101-LVS						
LPH-101-144LVS	1.4	LV4	1.0/14	95	7.1	190
LPH-101-164LVS	1.6		1.3/18	120	8	200
LPH-101-LVG						
LPH-101-124LVG	1.2	LV4	1.3/18	70	8.5	190
LPH-101-144LVG	1.4			80		200
LPH-101-164LVG	1.4			100		220
LPH-101-184LVG	1.8			120		230

Air Nipple: G1/4" • LVG/LVS Fluid Nipple: G1/4" • P/LVP Fluid Nipple: G3/8"

ORDER Information - LPH-101-P Pressure

	Ø 0.8	Ø 1.0	Ø 1.2	Ø 1.3	Ø 1.5
PRESSURE SPRAY GUN	5310B	5313B	5325B	5316B	5319B
NOZZLE + NEEDLE SET	93855600	93856600	93857600	93833530	93802600
AIR CAP SET - E1	93832532		-	93832532	
AIR CAP SET - G2	-		93811602	-	

ORDER Information - LPH-101-LVP Pressure

	Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.1
PRESSURE SPRAY GUN	5334	5331B	5332B	5335
NOZZLE + NEEDLE SET	9LPH101062LVP-1	93512650	93502650	9LPH101112LVP-1
AIR CAP SET	93500651			

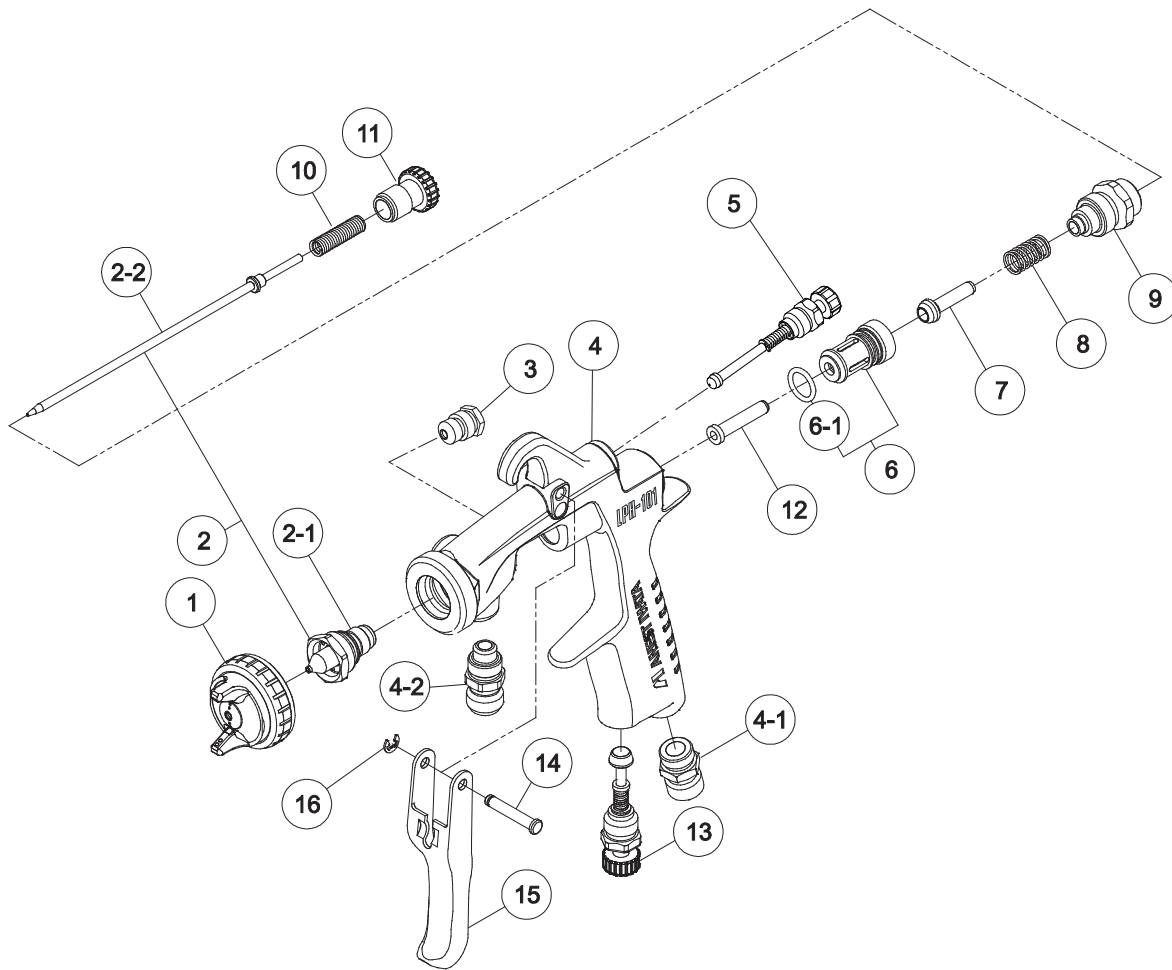
ORDER Information - LPH-101-LVS Siphon

	Ø 1.4	Ø 1.6
SIPHON SPRAY GUN	5375B	5385B
SIPHON SPRAY GUN + PCL7B2 - 700ML	5376B	5386B
5376B SIPHON SPRAY GUN + PCL10B2 - 1000ML	5377B	5387B
NOZZLE + NEEDLE SET	93542600	93545600
AIR CAP SET	93875602	

ORDER Information - LPH-101-LVG Gravity

	Ø 1.2	Ø 1.4	Ø 1.6	Ø 1.8
GRAVITY SPRAY GUN	5360B	5370B	5380B	5390B
GRAVITY SPRAY GUN + PC66P2 - 600ML	5361B	5371B	5381B	5391B
GRAVITY SPRAY GUN + PC4S - 400ML	5362B	5372B	5382B	5392B
NOZZLE + NEEDLE SET	93544600	93542600	93545600	93546600
AIR CAP SET	93875602			





SPARE PARTS

Ref.	Code	Description	Qty.
1		AIR CAP SET	
2		NOZZLE/NEEDLE SET	
3	93765610	CARTRIDGE PACKING	
4-1	93660300	AIR INLET	1/4"
4-2	93515600	FLUID NIPPLE	3/8" P/LVP
4-2	93584530	FLUID NIPPLE	1/4" LVG/LVS
5	93842531	PATTERN ADJUST SET	
6	93843530	AIR VALVE SEAT SET	
6-1	96638008	O RING	
7	93591530	AIR VALVE	
8	93719530	AIR VALVE SPRING	
9	93844532	FLUID ADJUST GUIDE SET	
10	93593530	FLUID NEEDLE SPRING	
11	93594532	FLUID ADJUST KNOB	
12	93935430	AIR VALVE SHAFT	
13	93845531	AIR ADJUST SET	
14	93667360	TRIGGER STUD	
15	93517530	TRIGGER	
16	93912030	STOPPER	2 Pcs. / 1 pk.

ACCESSORIES

Ref.	Code	Description
	93576530	L GASKET (BLACK)
	93708320	AIR CAP GASKET (WHITE)
	93538600	GUN WRENCH
	2950	MKS MAINTENANCE KIT
	5650	REPAIR SERVICE KIT (Includes: 3, 6-1, 8, 10, 14, 26)
	2985B	TEST CAP GAUGE SET LV4
	2986B	TEST CAP GAUGE G2
	2987B	TEST CAP GAUGE E1



LPH-80

LPH-80 with
PCG2D-1 Cup

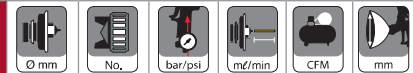


See page 50
for cup options
(sold separately)

FEATURES

- Perfect for spot repair and touch-up as well as coating hard to reach areas
- Very fine atomization with low air consumption
- Extremely low material consumption
- Perfect handling when blending
- One of the most lightweight spot repair guns on the market
- Simple operation of the control knobs for both right and left handers
- Conical seal nozzle, minimum wear parts
- Easy maintenance
- Quality surface for easy cleaning

TECHNICAL



LPH-80						
LPH-80-042G	0.4	E2	1.0/13	8	1.8	40
LPH-80-062G	0.6			25		60
LPH-80-082G	0.8			45		80
LPH-80-102G	1.0			55		100
LPH-80-122G	1.2			80		120
LPH-80-104G (WIDE FAN)	1.0	E4	1.0/14	60	2.2	130
LPH-80-124G (WIDE FAN)	1.2			75		140

Air Nipple: G1/4" • Fluid Nipple: G1/8"

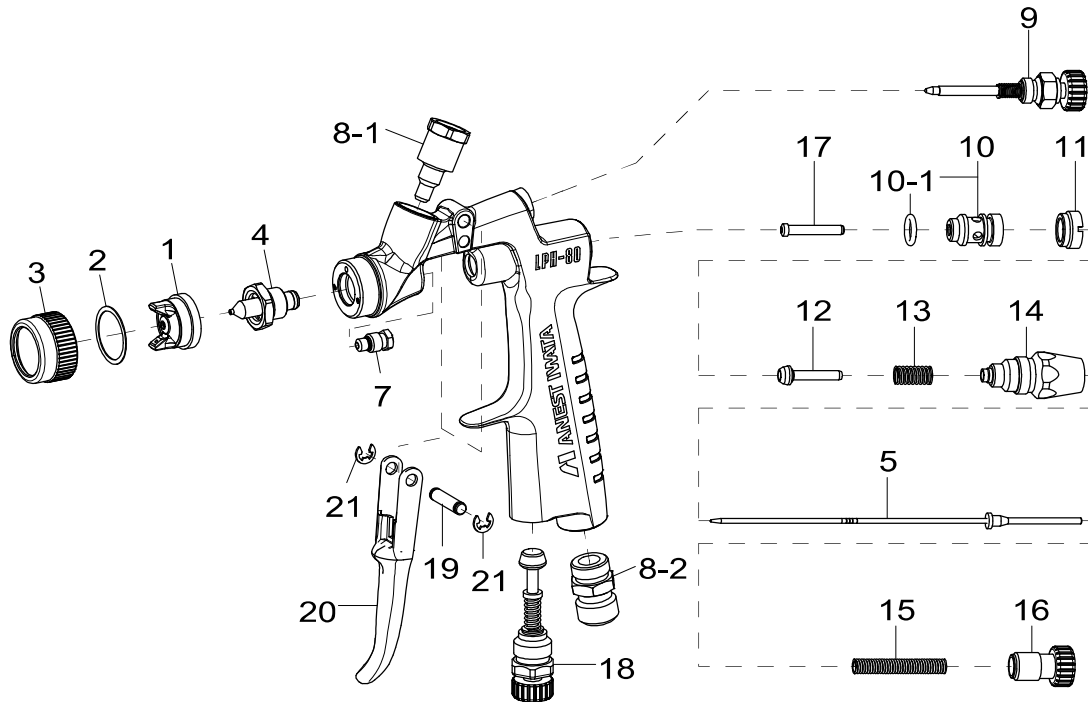
ORDER Information - LPH-80

	ø 0.4	ø 0.6	ø 0.8	ø 1.0(E2)	ø 1.2(E2)	ø 1.0(E4)	ø 1.2(E4)
GRAVITY SPRAY GUN LPH-80	4900	4905	4910	4915	4920	4925	4930
GRAVITY SPRAY GUN + PCG2D-1 - 150ML	4901	4906	4911	4916	4921	4926	4931
AIR CAP SET	93557600			93662600			
NEEDLE SET	93891600	93890600		93886600			
FLUID NOZZLE	93570600	93568600	93761530	93560600	93760530	93560600	93760530

ORDER Information - LPH-80-ST2 GLAZING GUN

	ø 1.0
GRAVITY SPRAY GUN LPH-80-ST2-100	4950
GRAVITY SPRAY GUN + PCG2D1 - 150ML	4951
GUN + Pressure Pot/Hose Kit	4952
AIR CAP SET	9LPH-80-ST2-01
NOZZLE SET	9LPH-80-ST2-02
NEEDLE SET	9LPH-80-ST2-10





SPARE PARTS

Ref.	Code	Description	
1	93557600	AIR CAP SET	E2
1	93662600	AIR CAP SET	E4
2	93558600	AIR CAP GASKET	
3	93559600	AIR CAP COVER RING	
4		NOZZLE SET	
5		NEEDLE SET	
7	93940890	NEEDLE PACKING CARTRIDGE	
8-1	93753530	FLUID NIPPLE	1/8" BSP
8-2	93660300	AIR NIPPLE	1/4"
9	93748530	PATTERN ADJ. SET	
10	93912880	AIR VALVE SEAT SET	
10-1	96638005	O RING	
11	93011880	AIR VALVE SEAT SCREW	
12	93013880	AIR VALVE	
13	93012880	AIR VALVE SPRING	
14	93936880	FLUID ADJ. GUIDE SET	
15	93015880	FLUID NEEDLE SPRING	
16	93754530	FLUID ADJ. KNOB	
17	93006880	AIR VALVE SHAFT	
18	93845531	AIR ADJ. SET	
19	93167890	TRIGGER STUD	
20	93162890	TRIGGER	
21	93912030	E STOPPER	2 pcs./1 pk.

ACCESSORIES

Ref.	Code	Description
	2950	MK5 MAINTENANCE KIT
	2860	REPAIR SERVICE KIT (includes: 7, 10-1, 21)
	2981	TEST CAP GAUGE SET "E2" (042G/062G/082G/102G/122G)
	2982	TEST CAP GAUGE SET "E4" (104G/124G)



LPH-50



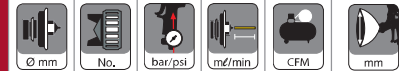
LPH-50 with
PC5 Cup

See page 52
for cup options
(sold separately)

FEATURES

- High performance miniature HVLP spray gun with side mounted cup
- Superior atomization with low air consumption

TECHNICAL



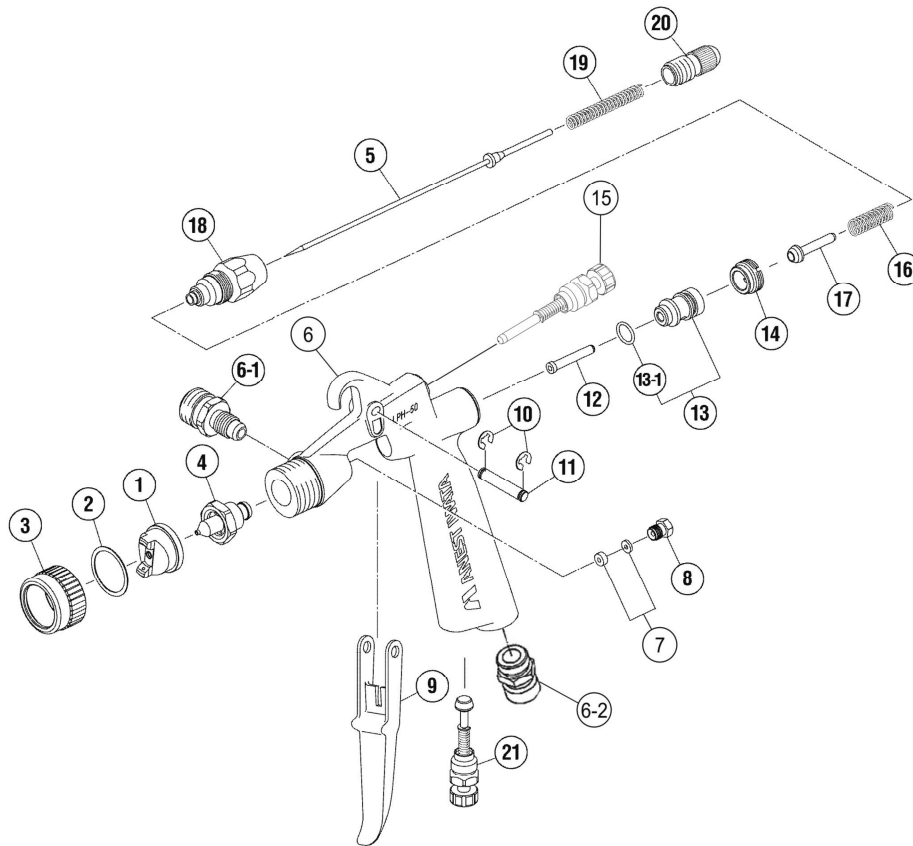
LPH-50						
LPH-50-042G	0.4	E2	0.9/13	8	1.8	40
LPH-50-062G	0.6			25		60
LPH-50-102G	1.0			55		100

• Air Nipple: G1/4" • Fluid Nipple: G1/4"

ORDER Information - LPH-50

	Ø 0.4	Ø 0.6	Ø 1.0
SPRAY GUN LPH-50	5261	5262	5263
GRAVITY SPRAY GUN + PC61 - 130ML	5272	5274	5276
GRAVITY SPRAY GUN + PC5 - 250ML	5271	5273	5275
NOZZLE	93570600	93568600	93560600
NEEDLE	93891600	93890600	93886600
AIR CAP SET	E2 93557600		





SPARE PARTS

Ref.	Code	Description	Qty.
1	93557600	AIR CAP SET E2	
2	93558600	AIR CAP GASKET	
3	93559600	COVER RING	
4		FLUID NOZZLE	
5		FLUID NEEDLE	
6-1	93005891	FLUID NIPPLE	
6-2	93660300	AIR NIPPLE	
7	93940890	NEEDLE PACKING SET	Set w/ No.8
8		NEEDLE PACKING SEAT	
9	93162890	TRIGGER	
10	93912030	E STOPPER	(2pcs/1 pk)
11	93167890	TRIGGER STUD	
12	93006880	AIR VALVE SHAFT	
13	93912880	AIR VALVE SEAT SET	
13-1	96638005	O RING	
14	93011880	AIR VALVE SEAT SCREW	
15	93888600	PATTERN ADJ. SET	
16	93012880	AIR VALVE SPRING	
17	93013880	AIR VALVE	
18	93936880	FLUID ADJ. GUIDE SET	
19	93015880	FLUID NEEDLE SPRING	
20	93017880	FLUID ADJ. KNOB	
21	93845531	AIR ADJ. SET	

ACCESSORIES

Ref.	Code	Description
	6022	AIRBRUSH BOTTLE ADAPTER KIT WITH THREE 2 OZ BOTTLES
	6022-1	AIRBRUSH BOTTLE ADAPTER ONLY
	2981	TEST CAP SET
	2950	MK5 MAINTENANCE KIT
	2860	REPAIR SERVICE KIT (Includes: 7, 8, 10, 13-1)



NON-HVLP CONVENTIONAL GRAVITY SPRAY GUNS



WS-400HD SUPERNOVA EVOTECH



FEATURES

- Complies with EPA NESHAP 40 CFR, Part 63 Subpart 6H
- Concentrated fine atomization
- Large fan tulip pattern
- Standard for clear coats
- Fast application speed
- Superior transfer efficiency

TECHNICAL

	Ø mm	No.	bar/psi	m ³ /min	CFM	mm
WS-400HD						
WS-400-1201HD	1.2	01	2.0/29	13	13	350
WS-400-1301HD	1.3					365
WS-400-1401HD	1.4					370
WS-400-1501HD	1.5					365
WS-400-OBS13	1.3					365

• Air Nipple: G1/4" • Fluid Nipple: G1/4"

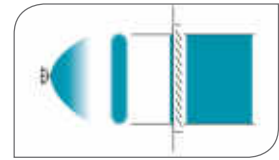


WS-400HD with
PCG600P2 Cup

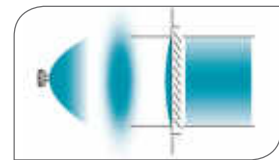
See page 50
for cup options
(sold separately)



LV Technology Split Nozzle



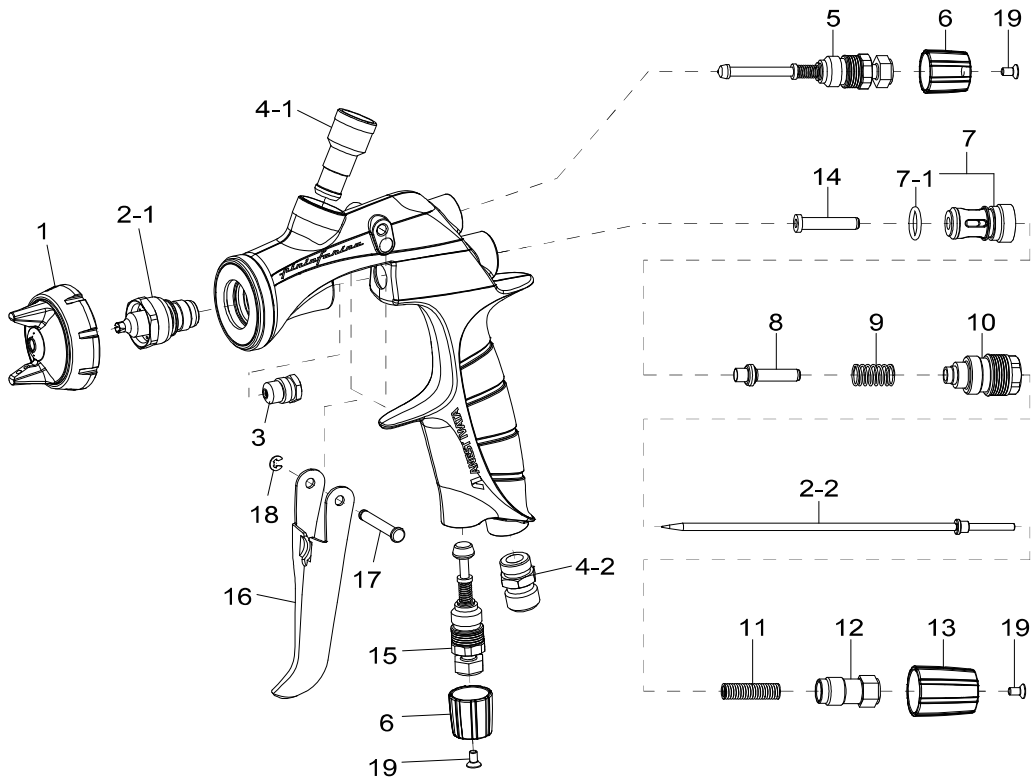
Round Nozzle



ORDER Information - WS-400HD Gravity

	ø 1.2HD	ø 1.3(OBS)	ø 1.3HD	ø 1.4HD	ø 1.5HD
GRAVITY SPRAY GUN WS-400HD	5904	5924	5909	5914	5919
GRAVITY SPRAY GUN + PCG600P2 - 600ML	5901	5921	5906	5911	5916
GRAVITY SPRAY GUN + PCG7D2 - 700ML	5902	5922	5907	5912	5917
GRAVITY SPRAY GUN + PCG10D2 - 1000ML	5903	5923	5908	5913	5918
GRAVITY SPRAY GUN + 8130B - REGULATOR	5900	5920	5905	5910	5915
NOZZLE + NEEDLE SET	93505870	93506850	93506910	93506920	93506930
AIR CAP SET			WS-400-01 93505300		





SPARE PARTS

Ref.	Code	Description	Qty.
1	93505300	AIR CAP SET 01	
2.1+2.2		NOZZLE + NEEDLE SET	
3	93765610	CARTRIDGE PACKING	
4-1	93505421	FLUID NIPPLE	1/4"
4-2	93660300	AIR NIPPLE	1/4"
5	93505432	PATTERN ADJUST SET	
6	93505471	ADJUST KNOB	SILVER
7	93843530	AIR VALVE SEAT SET	
7-1	96638008	O RING	
8	93505480	AIR VALVE	
9	93719530	AIR VALVE SPRING	
10	93505492	FLUID ADJUST GUIDE SET	
11	93593530	FLUID NEEDLE SPRING	
12	93505822	FLUID ADJ. SCREW SET	
13	93505831	FLUID ADJUST KNOB	SILVER
14	93935430	AIR VALVE SHAFT	
15	93505842	AIR ADJUST SET	
16	93505850	TRIGGER	
17	93505860	TRIGGER STUD	
18	96612025	E STOPPER	
19	93506970	STAR FLAT HEAD BOLT	
18	93936880	FLUID ADJ. GUIDE SET	
19	93015880	FLUID NEEDLE SPRING	

ACCESSORIES

Ref.	Code	Description
	93505341	AIR CAP GASKET (BLACK)
	93505330	AIR CAP GASKET (WHITE)
	5652	REPAIR SERVICE KIT (Includes: 3, 7, 9, 11, 17, & 18)



NON-HVLP CONVENTIONAL GRAVITY SPRAY GUNS



W-400-LV



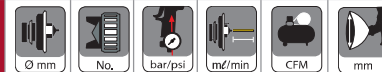
W-400-LV with
PCG10EM Cup

See page 50
for cup options
(sold separately)

FEATURES

- High transfer efficiency spray gun combines patented LV Technology
- Tulip inspired spray pattern
- Ideal for general purpose use
- Quality surface for easy cleaning
- Minimal wear parts for easy maintenance

TECHNICAL



W-400-LV					
Model	Ø mm	No.	bar/psi	ml/min	CFM
W-400LV-124G	1.2	LV4	1.4/20	100	10.5
W-400LV-134G	1.3			140	
W-400LV-144G	1.4			155	
W-400LV-164G	1.6			185	
W-400LV-184G	1.8			235	

• Air Nipple: G1/4" • Fluid Nipple: M16 X 1.5m



ORDER Information - W-400-LV W/O REGULATOR

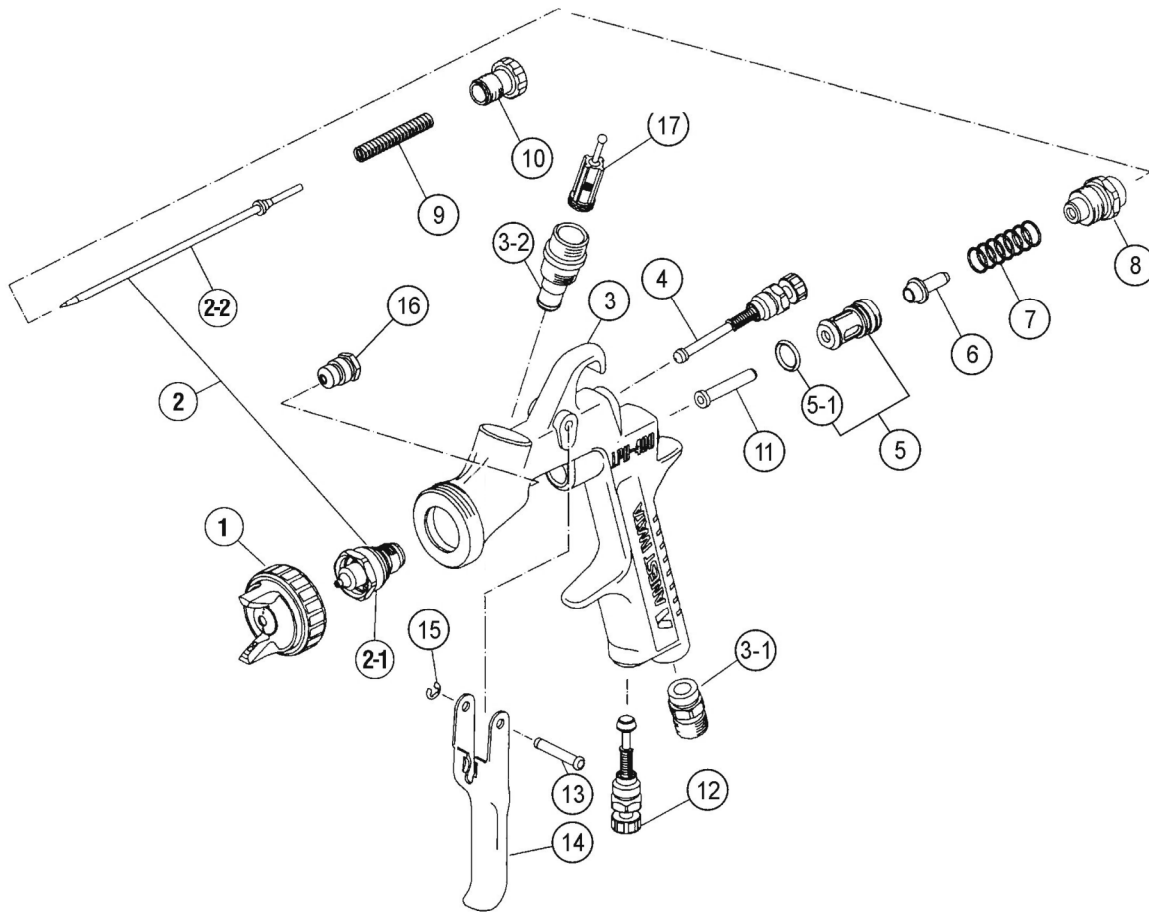
	Ø 1.2	Ø 1.3	Ø 1.4	Ø 1.6	Ø 1.8
GRAVITY SPRAY GUN	4750	4755	4760	4765	4770
GRAVITY SPRAY GUN + PCG6PM - 600 ml	4751	4756	4761	4766	4771
GRAVITY SPRAY GUN + PCG7EM - 700 ml	4752	4757	4762	4767	4772
GRAVITY SPRAY GUN + PCG10EM - 1000 ml	4753	4758	4763	4768	4773
NOZZLE + NEEDLE SET	93627610	93634610	93628610	93622620	93635620
AIR CAP SET	LV4 93631621				

ORDER Information - W-400-LV W/ AK-1B2 AIR REGULATOR

	Ø 1.2	Ø 1.3	Ø 1.4	Ø 1.6	Ø 1.8
GRAVITY SPRAY GUN	4775	4780	4785	4790	4795
GRAVITY SPRAY GUN + PCG6PM - 600 ml	4776	4781	4786	4791	4796
GRAVITY SPRAY GUN + PCG7EM - 700 ml	4777	4782	4787	4792	4797
GRAVITY SPRAY GUN + PCG10EM - 1000 ml	4778	4783	4788	4793	4798

ORDER Information - W-400-LV W/ AK-1R2 AIR REGULATOR

	Ø 1.2	Ø 1.3	Ø 1.4	Ø 1.6	Ø 1.8
GRAVITY SPRAY GUN	4855	4860	4865	4870	4875
GRAVITY SPRAY GUN + PCG6PM - 600 ml	4856	4861	4866	4871	4876
GRAVITY SPRAY GUN + PCG7EM - 700 ml	4857	4862	4867	4872	4877
GRAVITY SPRAY GUN + PCG10EM - 1000 ml	4858	4863	4868	4873	4878



SPARE PARTS

Ref.	Code	Description	
1		AIR CAP SET	
2		NOZZLE + NEEDLE SET	
3-1	93660300	AIR NIPPLE	1/4"
3-2	93650531	FLUID NIPPLE	M16X1,5
4	93842601	PATTERN ADJ. SET	
5	93843530	AIR VALVE SEAT SET	
5-1	96638008	O RING	
6	93591530	AIR VALVE	
7	93719530	AIR VALVE SPRING	
8	93844532	FLUID ADJUST GUIDE SET	
9	93593530	FLUID NEEDLE SPRING	
10	93594532	FLUID ADJUST KNOB	
11	93935430	AIR VALVE SHAFT	
12	93845531	AIR ADJUST SET	
13	93667360	TRIGGER STUD	
14	93517600	TRIGGER	
15	93912030	STOPPER	(2 PCS./1PK.)
16	93765610	CARTRIDGE PACKING	
17	93515500	FILTER	60 MESH

ACCESSORIES

Ref.	Code	Description
	93708240	AIR CAP PACKING (WHITE)
	93512600	AIR CAP PACKING (BLACK)
	2950	MK5 MAINTENANCE KIT
	5650	REPAIR SERVICE KIT (includes: 4, 7-1, 9, 11, 15, 17)



NON-HVLP CONVENTIONAL GRAVITY SPRAY GUNS



W-400



W-400 with PCG6PM Cup

See page 50 for cup options (sold separately)

FEATURES

- High transfer efficiency spray gun
- Superior automatization
- Ideal for general purpose use
- Quality surface for easy cleaning
- Minimal wear parts for easy maintenance

TECHNICAL



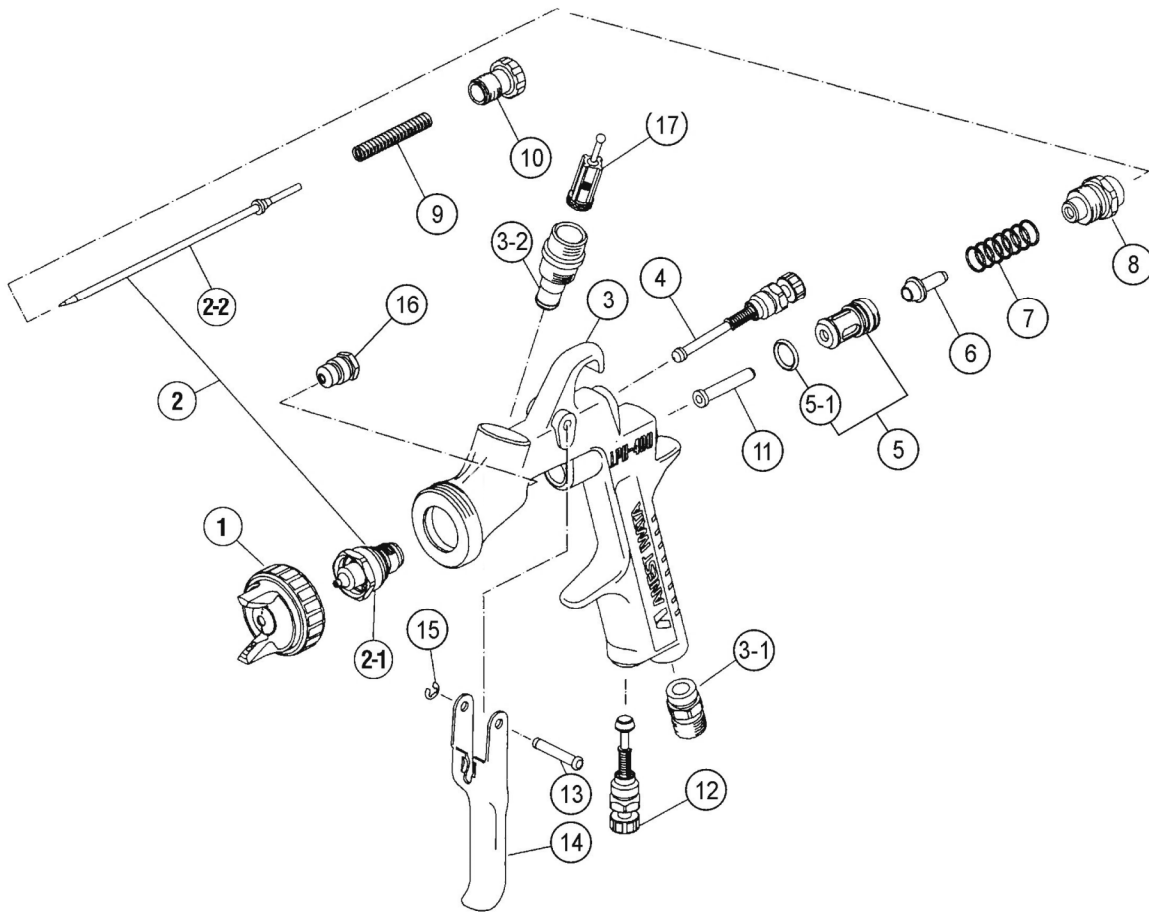
W-400						
Model	Ø mm	No.	bar/psi	m³/min	CFM	mm
W-400-122G	1.2	LV2	2.0/29	140	9.9	175
W-400-132G	1.3			160		225
W-400-142G	1.4			210		270
W-400-162G	1.6	LV1	W1	240	10.2	260
W-400-182G	1.8			320		260
W-400-251G	2.5			580	12.7	340

• Air Nipple: G1/4" • Fluid Nipple: M16 X 1.5m

ORDER Information - W-400

	ø 1.2	ø 1.3	ø 1.4	ø 1.6	ø 1.8	ø 2.5
GRAVITY SPRAY GUN	4700	4725	4705	4710	4715	4720
GRAVITY SPRAY GUN + PCG6PM - 600 ml	4702	4727	4707	4712	4717	4722
GRAVITY SPRAY GUN + PCG7EM - 700 ml	4702T	4727T	4707T	4712T	4717T	4722T
GRAVITY SPRAY GUN + PCG10EM - 1000 ml	4702U	4727U	4707U	4712U	4717U	4722U
NOZZLE + NEEDLE SET	93891610	93881610	93831610	93832610	93821610	93819610
AIR CAP SET	LV2 93830611			LV1 93859611		W1 93813611





SPARE PARTS

Ref.	Code	Description	
1		AIR CAP SET	
2		NOZZLE + NEEDLE SET	
3-1	93660300	AIR NIPPLE	1/4"
3-2	93650531	FLUID NIPPLE	M16X1.5
4	93842601	PATTERN ADJ. SET	
5	93843530	AIR VALVE SEAT SET	
5-1	96638008	O RING	
6	93591530	AIR VALVE	
7	93719530	AIR VALVE SPRING	
8	93844532	FLUID ADJUST GUIDE SET	
9	93593530	FLUID NEEDLE SPRING	
10	93594532	FLUID ADJUST KNOB	
11	93935430	AIR VALVE SHAFT	
12	93845531	AIR ADJUST SET	
13	93667360	TRIGGER STUD	
14	93517600	TRIGGER	
15	93912030	STOPPER	(2 PCS./1PK.)
16	93765610	CARTRIDGE PACKING	
17	93515500	FILTER	60 MESH

ACCESSORIES

Ref.	Code	Description
	93708240	AIR CAP PACKING (WHITE)
	93512600	AIR CAP PACKING (BLACK)
	2950	MK5 MAINTENANCE KIT
	5650	REPAIR SERVICE KIT (includes: 4, 7-1, 9, 11, 15, 17)



NON-HVLP CONVENTIONAL PRESSURE SPRAY GUNS



W-200-P | W-200-ZP | W-200-S25



W-200



W-200 S25 - MF
with circulation system

TECHNICAL	Ø mm	No.	bar/psi	m ³ /min	CFM	mm
	W-200-P					
W-200-082P	0.8	G2P	3.0/44	500	19.8	400
W-200-102P	1.0					
W-200-122P	1.2					
W-200-ZP						
W-200-201ZP	2.0	R1Z	3.5/51	760	17.7	370
W-200-251ZP	2.5					
W-200-S25						
W-200-S25	1.0	G2P	3.0/ 44	500	19.8	360

Air Nipple: G1/4" • Fluid Nipple: G3/8"



ORDER Information - W-200-P Pressure

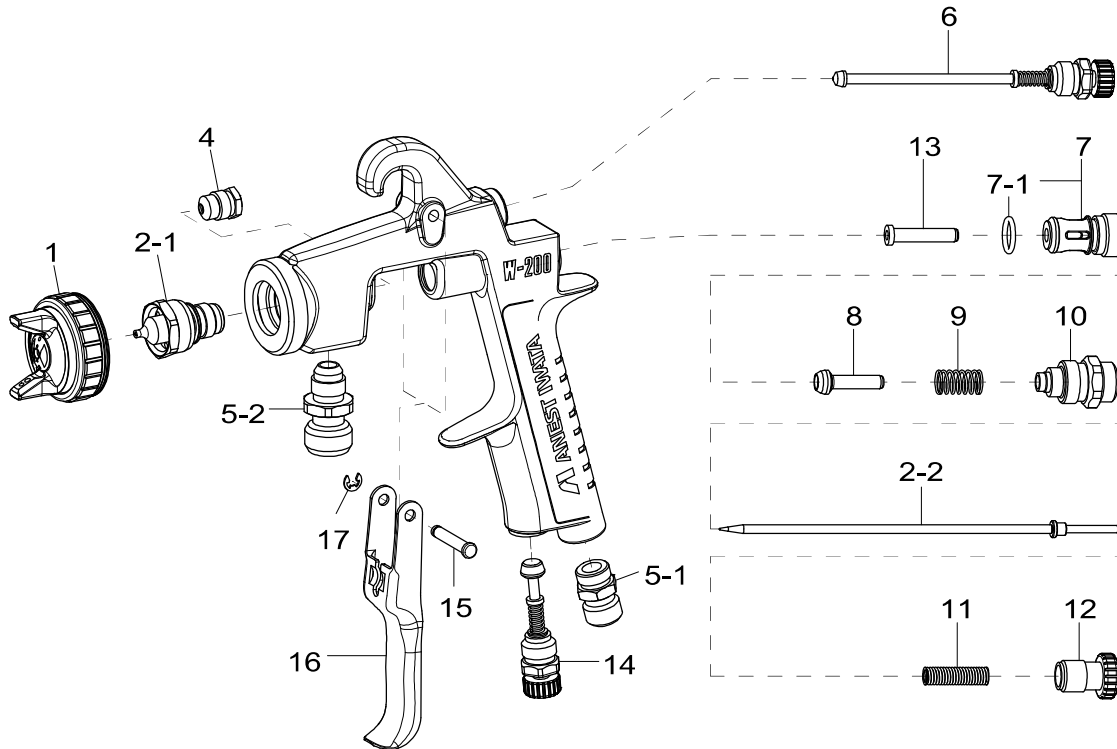
	Ø 0.8	Ø 1.0	Ø 1.2
PRESSURE SPRAY GUN W-200-P	4602	4601	4600
NOZZLE + NEEDLE SET	93889610	93890610	93891610
AIR CAP SET	G2P 93818611		

ORDER Information - W-200-ZP Pressure for Abrasive Paint

	Ø 2.0	Ø 2.5
PRESSURE SPRAY GUN W-200-ZP	4649	4659
NOZZLE + NEEDLE SET	93872610	93874610
AIR CAP SET	R1Z 93871611	

ORDER Information - W-200-S25 with Circulation System

	Ø 1.0
PRESSURE SPRAY GUN W-200-S25	4601S25
NOZZLE + NEEDLE SET	93890610
AIR CAP SET	G2P 93818611



SPARE PARTS

Ref.	Code	Description	Qty.
1	93818611	AIR CAP SET G2P	
2-1 + 2-2		NOZZLE + NEEDLE SET	
2-2	93507700	SPECIAL NEEDLE with TIP in Delrin	ø 0.8/1.0/1.2
4	93765610	NEEDLE PACKING CARTRIDGE	
5-1	93660300	AIR NIPPLE	
5-2	93515600	FLUID NIPPLE	
6	93840601	PATTERN ADJ. SET	
7	93843530	AIR VALVE SEAT	
7-1	96638008	O RING	
8	93591530	AIR VALVE	
9	93719530	AIR VALVE SPRING	
10	93844532	FLUID ADJ. GUIDE SET	
11	93593530	FLUID NEEDLE SPRING	
12	93594532	FLUID ADJ. KNOB	
13	93935430	AIR VALVE SHAFT	
14	93845531	AIR ADJ. SET	
14-1	93625370	PLUG (W200 S)	
15	93667360	TRIGGER STUD	
16	93517600	TRIGGER	
17	93912030	E STOPPER	(2 pcs./1 pk.)

ACCESSORIES

Ref.	Code	Description
	93708240	AIR CAP PACKING (WHITE)
	93512600	AIR CAP "L" PACKING (BLACK)
	5650	REPAIR SERVICE KIT (Includes: 4, 7-1, 9, 11, 15, 17)



NON-HVLP CONVENTIONAL SIPHON SPRAY GUNS



W-200-S | W-2003



W-200-S with
PCL 10 B3 Cup



W-2003 with
PC 19B Cup

See page 52
for cup options
(sold separately)

TECHNICAL		Ø mm	No.	bar/psi	ml/min	CFM	mm
W-200-S							
W-200-151S	1.5	K1	3.0/ 43.6	240	7.1	210	
W-200-152S	1.5	K2					
W-200-182S	1.8						
W-200-201S	2.0	R1					
W-200-202S	2.0	R2					
W-200-251S	2.5	W1					
W-2003							
W-2003	2.0	R1	2.9/42	500	27	300:400	

Air Nipple: G1/4" • W-200-S Fluid Nipple: G3/8" • W-2003 Fluid Nipple: M16x1

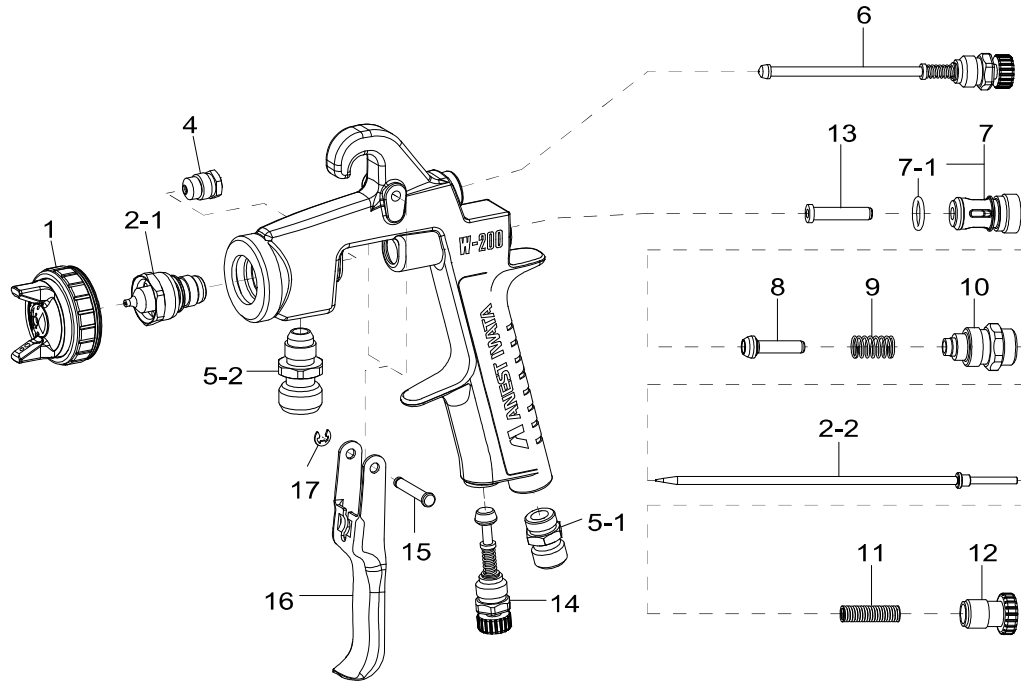


ORDER Information - W-200-S Siphon

	ø 1.5 (K1)	ø 1.5 (K2)	ø 1.8	ø 2.0 (R1)	ø 2.0 (R2)	ø 2.5
SIPHON SPRAY GUN W-200-S	4605	4615	4625	4630	4640	4650
SIPHON SPRAY GUN + PCL10B3 - 1000ML	-	4617	4627	4632	4642	4652
SIPHON SPRAY GUN + PC7B3 - 700ML	-	4616	4626	4631	4641	4651
NOZZLE + NEEDLE SET	93822610	93822610	93821610	93820610	93820610	93819610
AIR CAP SET	K1 93817611	K2 93816611	R1 93815611	R2 93814611	W1 93813611	

ORDER Information - W-2003 Siphon for high viscosity paint

	ø 2.0
SIPHON SPRAY GUN W-2003	4670
SIPHON SPRAY GUN + PC 19B- 1000ML	4675
NOZZLE + NEEDLE SET	93820610
AIR CAP SET	R1 93815611



SPARE PARTS

Ref.	Code	Description	Qty.
1		AIR CAP SET	
2-1 + 2-2		NOZZLE + NEEDLE SET	
2-2	93507700	SPECIAL NEEDLE with TIP in Delrin	ø 0.8/1.0/1.2
	9W-200-X17-1	NEEDLE TIP in Delrin	ø 0.8/1.0/1.2
4	93765610	NEEDLE PACKING CARTRIDGE	
5-1	93660300	AIR NIPPLE	
5-2	93515600	FLUID NIPPLE	
6	93840601	PATTERN ADJ. SET	
7	93843530	AIR VALVE SEAT	
7-1	96638008	O RING	
8	93591530	AIR VALVE	
9	93719530	AIR VALVE SPRING	
10	93844532	FLUID ADJ. GUIDE SET	
11	93593530	FLUID NEEDLE SPRING	
12	93594532	FLUID ADJ. KNOB	
13	93935430	AIR VALVE SHAFT	
14	93845531	AIR ADJ. SET	
14-1	93625370	PLUG (W200 S)	
15	93667360	TRIGGER STUD	
16	93517600	TRIGGER	
17	93912030	E STOPPER	2 pcs./1 pk.

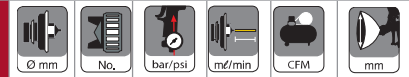
ACCESSORIES

Ref.	Code	Description
	93708240	AIR CAP PACKING (WHITE)
	93512600	AIR CAP "L" PACKING (BLACK)
	5650	REPAIR SERVICE KIT (includes: 4, 7-1, 9, 11, 15, 17)
	6017	PCL 10 B3 SUCTION CONTAINER 1lt.
	6035	PC 19B PRESSURE CONTAINER 1lt.



W-200

TECHNICAL



W-200	Ø mm	No.	bar/psi	m³/min	CFM	mm
W-200-151G	1.5	K1	3.0/43.6	270	7.1	220
W-200-152G	1.5	K2				320
W-200-201G	2.0	R1	410	9.2	12.7	280
W-200-202G	2.0	R2				320
W-200-251G	2.5	W1	510	310		

• Air Nipple: G1/4" • Fluid Nipple: G3/8" Fluid nipple: M16x1 (W2003)



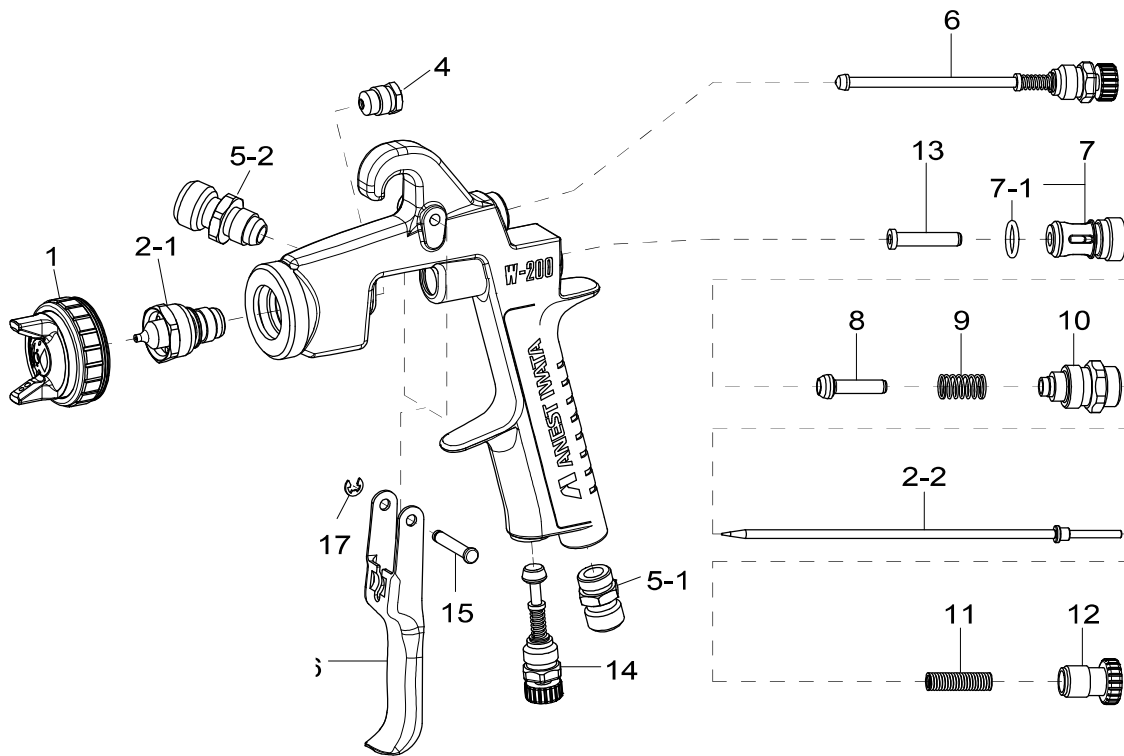
**W-200
with PC4**

See page 52
for cup options
(sold separately)

ORDER Information - W-200 Gravity

	ø 1.5 (K1)	ø 1.5 (K2)	ø 2.0 (R1)	ø 2.0 (R2)	ø 2.5
GRAVITY SPRAY GUN W-200	4610	4620	4635	4645	4655
GRAVITY SPRAY GUN + PC4 - 400ML	4613	4622	4638	4648	4658
GRAVITY SPRAY GUN + PCG6P3 - 600ML	4612	4621	4637	4647	4657
NOZZLE + NEEDLE SET	93822610		93820610		93819610
AIR CAP SET	K1 93817611	K2 93816611	R1 93815611	R2 93814611	W1 93813611





SPARE PARTS

Ref.	Code	Description	Qty.
1		AIR CAP SET	
2-1 + 2-2		NOZZLE + NEEDLE SET	
2-2	93507700	SPECIAL NEEDLE with TIP in Delrin	ø 0.8/1.0/1.2
	9W-200-X17-1	NEEDLE TIP in Delrin	ø 0.8/1.0/1.2
4	93765610	NEEDLE PACKING CARTRIDGE	
5-1	93660300	AIR NIPPLE	
5-2	93515600	FLUID NIPPLE	
6	93840601	PATTERN ADJ. SET	
7	93843530	AIR VALVE SEAT	
7-1	96638008	O RING	
8	93591530	AIR VALVE	
9	93719530	AIR VALVE SPRING	
10	93844532	FLUID ADJ. GUIDE SET	
11	93593530	FLUID NEEDLE SPRING	
12	93594532	FLUID ADJ. KNOB	
13	93935430	AIR VALVE SHAFT	
14	93845531	AIR ADJ. SET	
14-1	93625370	PLUG (W200 S)	
15	93667360	TRIGGER STUD	
16	93517600	TRIGGER	
17	93912030	E STOPPER	(2 pcs./1 pk.)

ACCESSORIES

Ref.	Code	Description
	93708240	AIR CAP PACKING (WHITE)
	93512600	AIR CAP "L" PACKING (BLACK)
	5650	REPAIR SERVICE KIT (includes: 4, 7-1, 9, 11, 15, 17)



W-101-P | W-101-S | W-101-G



TECHNICAL	Ø mm	No.	bar/psi	m ³ /min	CFM	mm
	W-101-P					
W-101-082P	0.8	E2P	3.0/ 43.5	150	9.5	190
W-101-102P	1.0			200	9.5	220
W-101-132P	1.3		2.5/ 36.3	200	7.8	210
W-101-152P	1.5			250	7.8	240
W-101-S						
W-101-101S	1.0	E1	2.5/ 36.3	85	2.6	120
W-101-131S	1.3	K1		150	5.1	155
W-101-132S	1.3	H2			7.9	160
W-101-151S	1.5	K1		200	5.1	170
W-101-152S	1.5	H2		170	7.9	175
W-101-181S	1.8	N1		210	6	170
W-101-G						
W-101-101G	1.0	E1	2.5/ 36.3	95	2.6	130
W-101-131G	1.3	K1		160	5.1	170
W-101-132G	1.3	H2			7.9	175
W-101-151G	1.5	K1		200	5.1	180
W-101-152G	1.5	H2		190	7.9	190
W-101-181G	1.8	N1		240	6	190

Air Nipple: G1/4" • Fluid Nipple: G1/4"

See page 52
for cup options
(sold separately)

ORDER Information - W-101-P Pressure

	Ø 0.8	Ø 1.0	Ø 1.3	Ø 1.5
PRESSURE SPRAY GUN W-101-P	4400B	4403B	4405B	4407B
NOZZLE + NEEDLE SET	93706610	93691610	93666610	93698610
AIR CAP SET	E2P 93704610			

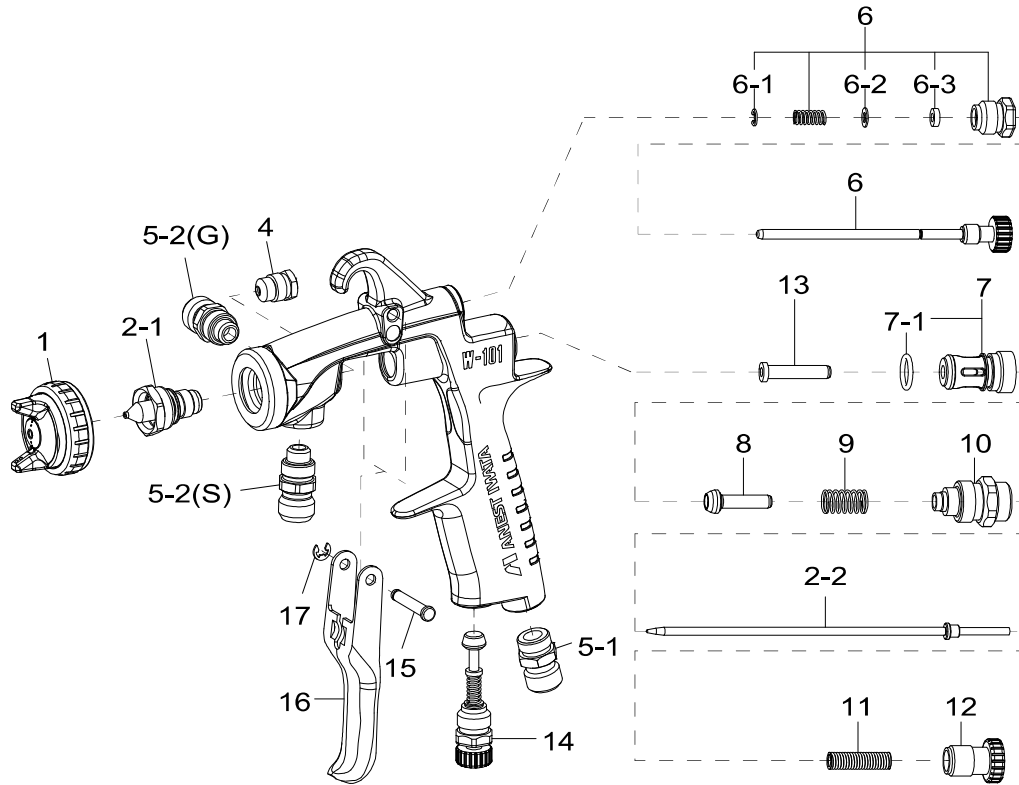
ORDER Information - W-101-S Siphon

	Ø 1.0	Ø 1.3 (K1)	Ø 1.5 (K1)	Ø 1.3(H2)	Ø 1.5(H2)	Ø 1.3(H4)	Ø 1.8
SIPHON SPRAY GUN W-101-S	4420B	4425B	4435B	4430B	4440B	4580B	4445B
SIPHON SPRAY GUN + PCL 7B2 - 700ML	4421B	-	-	4431B	4441B	4581B	4446B
SIPHON SPRAY GUN + PCL 10B2 - 1000ML	4422B	-	-	4432B	4442B	4582B	4447B
NOZZLE + NEEDLE SET	93691610	93667610	93698610	93667610	93698610	93667610	93703610
AIR CAP SET	E1 93689610	K1 93735610		H2 93696610		H4 93662610	N1 93700610

ORDER Information - W-101-G Gravity (side feed)

	Ø 1.0	Ø 1.3 (K1)	Ø 1.5 (K1)	Ø 1.3(H2)	Ø 1.5(H2)	Ø 1.3(H4)	Ø 1.8
GRAVITY SPRAY GUN W-101-G	4450B	4455B	4565B	4560B	4570B	4585B	4575B
GRAVITY SPRAY GUN + PC 4S - 400ML	4451B	4456B	4566B	4561B	4571B	4586B	4576B
GRAVITY SPRAY GUN + PC5 - 200ML	4452B	4457B	4567B	4562B	4572B	4587B	4577B
NOZZLE + NEEDLE SET	93691610	93667610	93698610	93667610	93698610	93667610	93703610
AIR CAP SET	E1 93689610	K1 93735610		H2 93696610		H4 93662610	N1 93700610





SPARE PARTS

Ref.	Code	Description	
1		AIR CAP SET	
2		NOZZLE + NEEDLE SET	
2-2	93504700	SPECIAL NEEDLE with TIP in Delrin	ø 0.8/1.0
	9W-200-X17-1	NEEDLE TIP in Delrin	ø 0.8/1.0/1.2
4	93765610	NEEDLE PACKING CARTRIDGE	
5-1	93660300	AIR NIPPLE	
5-2	93584530	FLUID NIPPLE G 1/4" - 1/4"	gravity/siphon
5-2	93515600	FLUID NIPPLE P 1/4" - 3/8"	pressure
6	93842531	PATTERN ADJUSTMENT SET	
7	93843530	AIR VALVE SEAT SET	
7-1	96638008	O RING	
8	93591530	AIR VALVE	
9	93719530	AIR VALVE SPRING	
10	93844532	FLUID ADJUSTMENT GUIDE	
11	93593530	FLUID NEEDLE SPRING	
12	93594532	FLUID ADJUSTMENT KNOB	
13	93935430	AIR VALVE SHAFT	
14	93845531	AIR ADJ. SET	
15	93667360	TRIGGER STUD	
16	93597530	TRIGGER	
17	93912030	E STOPPER	2 pcs./1 pk.

ACCESSORIES

Ref.	Code	Description
	6008	PC 4S SIDE GRAVITY CUP 400 ml
	6019	PCL 7B 2 SIPHON CONTAINER 700 ml
	93576530	AIR CAP "L" PACKING (BLACK)
	93708320	AIR CAP GASKET (WHITE)
	5650	REPAIR SERVICE KIT (includes: 4, 7-1, 9, 11, 15, 17)



NON-HVLP CONVENTIONAL PRESSURE | SIPHON | GRAVITY SPRAY GUNS



W-77-P | W-77-S | W-77-G



W-77-P



W-77-S with
PCL 10B 3 Cup



W-77-G with
PC 4S Cup

TECHNICAL		Ø mm	No.	bar/psi	ml/min	CFM	mm
W-77-P							
W-77-0	1.2	0	3.4/50	480	15.2	445	
W-77-02	1.2	02			14.8	399	
W-77-03	1.4	03					
W-77-0N (SST)	1.2	0			15.2	445	
W-77-03N (SST)	1.4	03					
W-77-S							
W-77-11S	1.4	11	3.4/50	435	10.2	267	
W-77-2S	1.8	2			8.8	254	
W-77-21S	1.8	21			12.2	280	
W-77-3S	2.5	3		435	11.5		
W-77-11SN (SST)	1.4	11		255	10.2	267	
W-77-2SN (SST)	1.8	2		345	8.8	254	
W-77-3SN (SST)	2.5	3		435	11.5	280	
W-77-G							
W-77-11G	1.4	11	3.4/50	485	10.2	290	
W-77-21G	1.8	21			12.2	330	
W-77-3G	2.5	3			11.5		

Air Nipple: G1/4" • Fluid Nipple: G3/8"

See page 52
for cup options
(sold separately)

ORDER Information - W-77-P Pressure

	Ø 1.2 (0)	Ø 1.2 (02)	Ø 1.4
PRESSURE SPRAY GUN W-77-P	3060	3063	3065
NOZZLE + NEEDLE SET	93938900	93938900	93910900
PRESSURE SPRAY GUN + STAINLESS NOZZLE	3100	-	3103
NOZZLE + NEEDLE SET - STAINLESS	93914900	93914900	93915900
AIR CAP SET	93901911	93903911	93903901

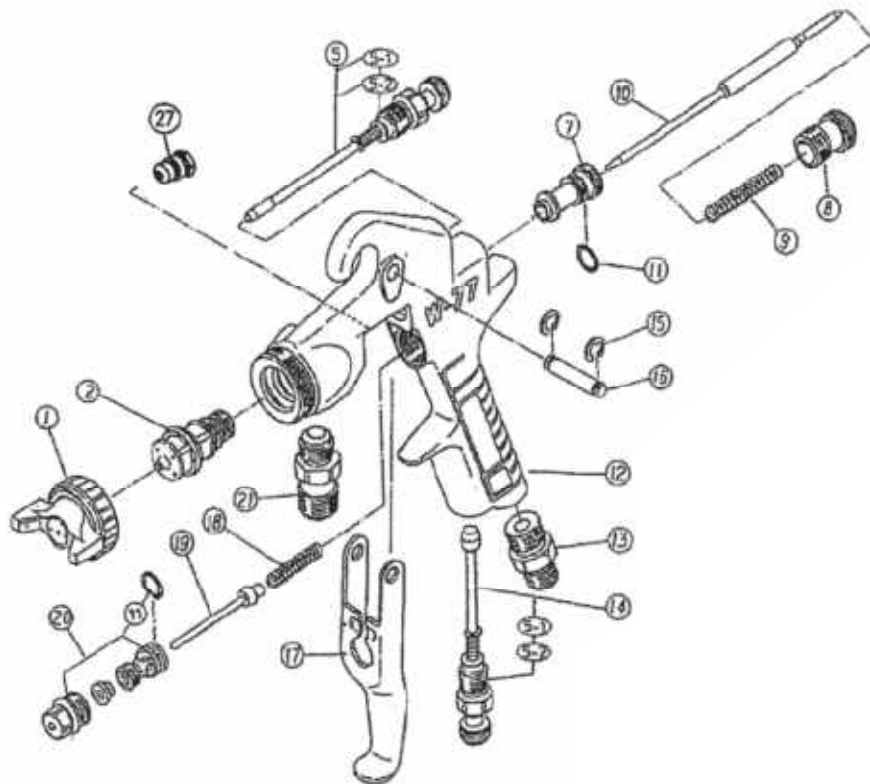
ORDER Information - W-77-S Siphon

	Ø 1.4	Ø 1.8 (2)	Ø 1.8 (21)	Ø 2.5
SIPHON SPRAY GUN W-77-S	3070	3080	3081	3090
NOZZLE + NEEDLE SET	93997000	93997010		93997020
SIPHON SPRAY GUN + STAINLESS NOZZLE	3105	3115	-	3120
NOZZLE + NEEDLE SET - STAINLESS	93997030	93997040	-	93997050
AIR CAP SET	93902911	93901901	93902901	93900911

ORDER Information - W-77-G Gravity (side feed)

	Ø 1.4	Ø 1.8	Ø 2.5
GRAVITY SPRAY GUN W-77-G	3075	3085	3095
NOZZLE + NEEDLE SET	93997000	93997010	93997020
AIR CAP SET	93902911	93902901	93900911





SPARE PARTS

Ref.	Code	Description	
1		AIR CAP SET	
2 + 10		NOZZLE + NEEDLE SET	
5	93909900	PATTERN ADJUSTMENT SET	
5-1		O RING	SUPPLIED AS 501
5-2	96610023	STOPPER	
7	93064901	FLUID NEEDLE GUIDE	W-77/W-77-N
8	93102081	FLUID ADJUSTMENT KNOB	W-77/W-77-N
9	93069081	FLUID NEEDLE SPRING	W-77/W-77-N
11		O RING	SUPPLIED AS 501
13	93160002	AIR NIPPLE	W-77/W-77-N
14	93907900	AIR ADJUSTMENT SET	W-77/W-77-N
15	93842240	STOP RING	
16	93167041	TRIGGER STUD	
17	93162900	TRIGGER	
18	93088050	AIR VALVE SPRING	
12.19	93081900	AIR VALVE	
20	93930900	AIR VALVE SEAT SET	
21	93161912	FLUID NIPPLE GRAVITY	W-77
21	93018900	FLUID NIPPLE SIPHON/PRESSURE	W-77
21	93913910	FLUID NIPPLE	
21	93914910	FLUID NIPPLE	
501	93906100	O RING SET	5-1, 11
22	93280901	GUN WRENCH	
27	93545660	NEEDLE PACKING SET	

ACCESSORIES

Ref.	Code	Description
	3129B	REPAIR SERVICE KIT FOR W77/77N (includes: 7, 9, 11, 18, 19, 27)



NON-HVLP CONVENTIONAL PRESSURE | SIPHON | GRAVITY SPRAY GUNS



W-71-P | W-71-S | W-71-G



TECHNICAL		Ø mm	No.	bar/psi	m ³ /min	CFM	mm
W-71-P							
W-71-0	0.8	0	3,4/50	200	8.5	190	
W-71-0N (SST)		02					
W-71-02	1.0	02	3,4/50	300	8.1	264	
W-71-02N (SST)							
W-71-S							
W-71-2S	1.3	2	3/43	135	3.0	135	
W-71-2SN (SST)							
W-71-3S	1.5	31	3/43	180	5.8	170	
W-71-31S							
W-71-31SN (SST)							
W-71-G							
W-71-21G	1.3	21	3/43	160	6.9	165	
W-71-21GN (SST)							
W-71-31G	1.5	31	3/43	190	8.1	185	
W-71-31GN (SST)							

Air Nipple: G1/4" • Fluid Nipple: G3/8"

See page 52
for cup options
(sold separately)

ORDER Information - W-71-P Pressure

	ø 0.8	ø 1.0
PRESSURE SPRAY GUN W-71-P	3000	3005
NOZZLE + NEEDLE SET	93938081	93938091
PRESSURE SPRAY GUN + STAINLESS NOZZLE	3030	3035
NOZZLE + NEEDLE SET - STAINLESS	93903080	93903090
AIR CAP SET	93900020	93900110

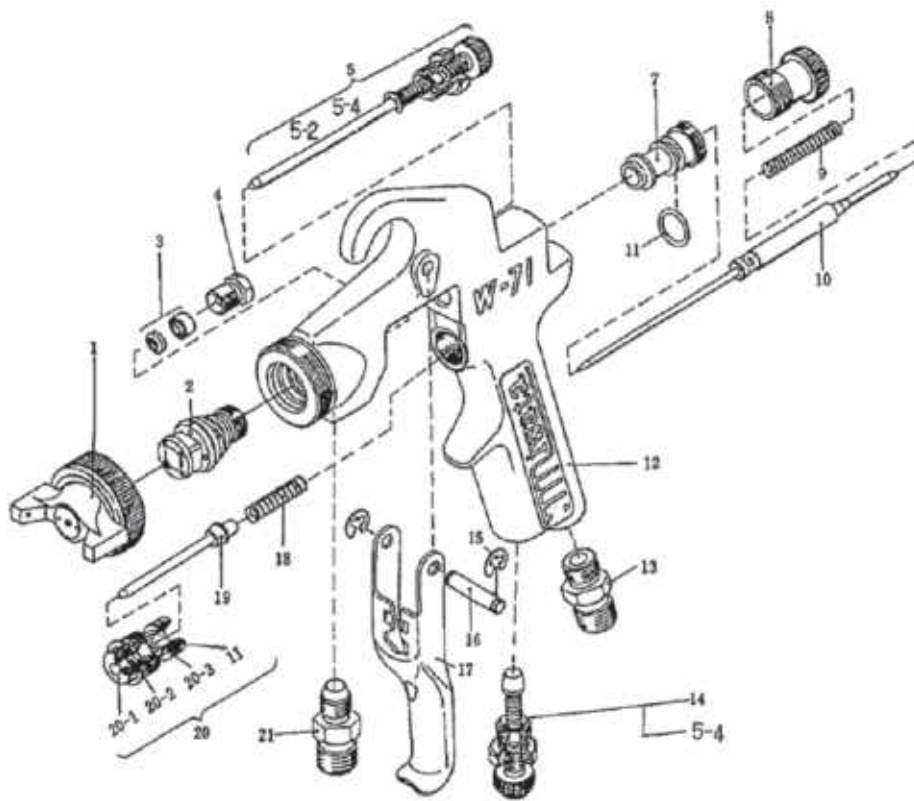
ORDER Information - W-71-S Siphon

	ø 1.3	ø 1.5
SIPHON SPRAY GUN W-71-S	3010	3020
NOZZLE + NEEDLE SET	93999920	93999930
SIPHON SPRAY GUN + STAINLESS NOZZLE	3040	3050
NOZZLE + NEEDLE SET - STAINLESS	93999940	93999950
AIR CAP SET	93901020	93900100

ORDER Information - W-71-G Gravity (side feed)

	ø 1.3	ø 1.5
GRAVITY SPRAY GUN W-71-G	3015	3025
NOZZLE + NEEDLE SET	93999920	93999930
GRAVITY SPRAY GUN + STAINLESS NOZZLE	3045	3055
NOZZLE + NEEDLE SET - STAINLESS	93999940	93999950
AIR CAP SET	93900090	93900100





SPARE PARTS

Ref.	Code	Description	
1		AIR CAP SET	
2 + 10		NOZZLE + NEEDLE SET	
3	93906110	FLUID NEEDLE PACKING SET	
4	93067082	FLUID NEEDLE PACKING SEAT	
5	93909080	PATTERN ADJUSTMENT SET	
5-2	96610023	STOPPER	
5-4		O RING	SUPPLIED AS REF. 501
7	93064082	FLUID NEEDLE GUIDE	
8	93102081	FLUID ADJUSTMENT KNOB	
9	93069081	FLUID NEEDLE SPRING	
11		O RING	SUPPLIED AS REF. 501
13	93010080	AIR INLET NIPPLE	
14	93907081	AIR ADJUSTMENT SET	
15	93912030	STOPPER	PACK OF 2
16	93167080	TRIGGER STUD	
17	93162080	TRIGGER	
18	93088082	AIR VALVE SPRING	
19	93081081	AIR VALVE	
20	93930090	AIR VALVE SEAT SET	
21	93161082	FLUID NIPPLE	W-71
21	93002090	FLUID NIPPLE	W-71-N
501	93906100	O RING SET	5-4 ,11

ACCESSORIES

Ref.	Code	Description
	3003	REPAIR SERVICE KIT FOR W-71 (includes: 3, 9, 11, 18, 19)



LW-10B | LW-18B EXTENSION



LW Extension Spray Gun

TECHNICAL		Ø mm	No.	bar/psi	m ³ /min	CFM	mm
LW-10B PRESSURE							
LW-10B-0015	1.0	E1	2.9 / 42.7	150	3.2	175	
LW-10B-0030							
LW-10B-0050							
LW-10B-4515							
LW-10B-4530							
LW-10B-4550							
LW-10B-9015							
LW-10B-9030							
LW-10B-9050							
LW-18B EXTENSION							
LW-18B-0015	1.8	N1	3.4 / 49.8	250	7.4	185	
LW-18B-0030							
LW-18B-0050							
LW-18B-4515							
LW-18B-4530							
LW-18B-4550							
LW-18B-9015							
LW-18B-9030							
LW-18B-9050							

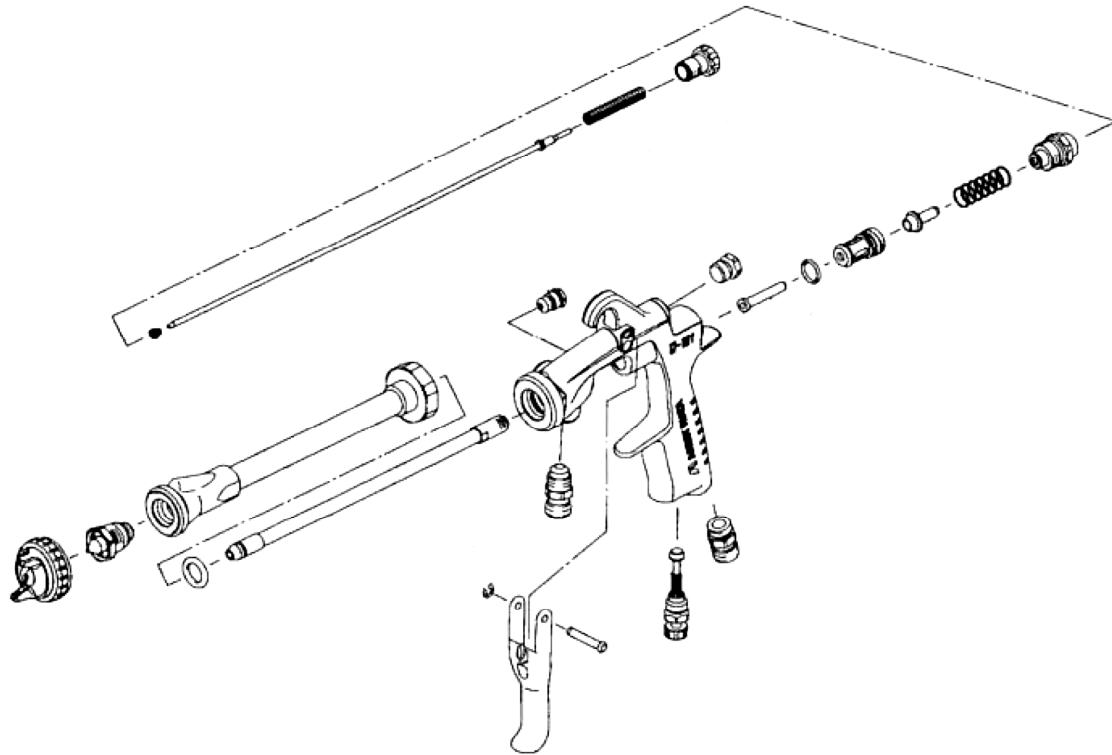
• Air Nipple: G1/4" • Fluid Nipple: G3/8"

HOW TO READ MODEL NUMBERS		
MODEL EXAMPLE LW - 10B - 0015		
LW	10B	0015
GUN MODEL	NOZZLE SIZE (10 = 1.0MM)	HEAD ANGLE (0 = 0°)
	DESIGN VERSION (A, B, C...)	PIPE LENGTH (15 = 150MM)

ORDER Information - LW-10B			
	Head Angle °	Pipe Length mm/in	Code
LW-10B-0015	0	150 / 5.9	7133B
LW-10B-0030		300 / 11.8	7144B
LW-10B-0050		500 / 19.7	7136B
LW-10B-4515	45	150 / 5.9	7141B
LW-10B-4530		300 / 11.8	7139B
LW-10B-4550		500 / 19.7	7140B
LW-10B-9015	90	150 / 5.9	7142B
LW-10B-9030		300 / 11.8	7143B
LW-10B-9050		500 / 19.7	7138B

ORDER Information - LW-18B			
	Head Angle °	Pipe Length mm/in	Code
LW-18B-0015	0	150 / 5.9	7147B
LW-18B-0030		300 / 11.8	7148B
LW-18B-0050		500 / 19.7	7149B
LW-18B-4515	45	150 / 5.9	7151B
LW-18B-4530		300 / 11.8	7152B
LW-18B-4550		500 / 19.7	7137B
LW-18B-9015	90	150 / 5.9	7134B
LW-18B-9030		300 / 11.8	7146B
LW-18B-9050		500 / 19.7	7145B





SPARE PARTS

Code	Description
93689610	AIR CAP SET "E1"
93700610	AIR CAP SET "N1"
93692610	FLUID NOZZLE - LW-10B
93703610	FLUID NOZZLE - LW-18B
93838610	FLUID NEEDLE (LW10/18-0015/4515/9015)
93834610	FLUID NEEDLE (LW10/18-0030/4530/9030)
93841610	FLUID NEEDLE (LW10/18-0050/4550/9050)
93596610	LW10/18 FLUID NEEDLE GUIDE (LW10/18-0050/4550/9050)
93839610	FLUID PIPE SET (LW10/18-0015/4515/9015)
93835610	FLUID PIPE SET (LW10/18-0030/4530/9030)
93842610	FLUID PIPE SET (LW10/18-0050/4550/9050)
93844610	LW10/18-0015 AIR PIPE SET
93846610	LW10/18-0030 AIR PIPE SET
93847610	LW10/18-0050 AIR PIPE SET
93840610	LW10/18-4515 AIR PIPE SET

Code	Description
93836610	LW10/18-4530 AIR PIPE SET
93843610	LW10/18-4550 AIR PIPE SET
93848610	LW10/18-9015 AIR PIPE SET
93850610	LW10/18-9030 AIR PIPE SET
93851610	LW10/18-9050 AIR PIPE SET
7110	LW10 EXTENTION PIPE KIT 0015
7111	LW10 EXTENTION PIPE KIT 0030
7112	LW10 EXTENTION PIPE KIT 0050
7113	LW10 EXTENTION PIPE KIT 4515
7114	LW10 EXTENTION PIPE KIT 4530
7115	LW10 EXTENTION PIPE KIT 4550
7119	LW10 EXTENTION PIPE KIT 90100
7116	LW10 EXTENTION PIPE KIT 9015
7117	LW10 EXTENTION PIPE KIT 9030
7118	LW10 EXTENTION PIPE KIT 9050
96638004	O RING
93625370	PLUG

Spray Gun Spare Parts - P. 37





COG-200

FEATURES

- Designed to apply adhesive, this gun provides a wide spray pattern for high viscosity fluids
- High fluid volume provides uniform surface coating
- Reduces leaks from the nozzle tip and offers high repeatability
- Available in manual pressure, manual siphon, and automatic models
- Ideal for application of adhesives, car interior materials, woodworking, heat insulation, and more
- Both models incorporate identical engineering and performance. The difference is size. COG-200 is a standard gun body while COG-101 is a compact gun body

TECHNICAL



SIPHON						
COG-200-18S	1.8	COG-200	2.9/42	110	13.2	270
PRESSURE						
COG-200-12	1.2	COG-200	2.9/42	150	13.2	265
COG-200-18	1.8			250		390
COG-101-08	0.8	COG-101		150	13.8	210
COG-101-12	1.2					

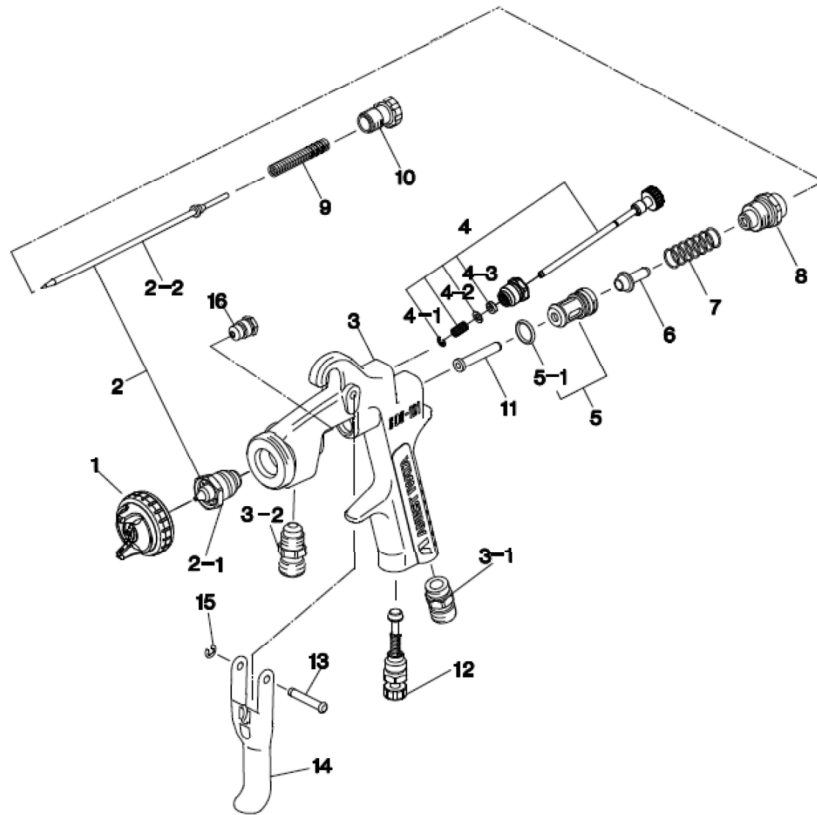
ORDER Information - COG-200 Siphon & Pressure

	ø 1.2	ø 1.8
SIPHON SPRAY GUN COG-200	-	7606
PRESSURE SPRAY GUN COG-200	7600	7601
NOZZLE + NEEDLE SET	9COG-200-12-20	9COG-200-18-20
AIR CAP SET - SIPHON	-	9COG-200-18S-10
AIR CAP SET - PRESSURE	9COG-200-18-10	9COG-200-18-10

ORDER Information - COG-101 Pressure

	ø 0.8	ø 1.2
PRESSURE SPRAY GUN COG-101	7610	7611
NOZZLE + NEEDLE SET	9COG-101-08-20	9COG-101-12-20
AIR CAP SET	9COG-101-12-10	





SPARE PARTS

Ref.	Code	Description	COG-200 -12	COG-200 -18	COG-200 -18S	COG-101 -08	COG-101 -12
1	9COG-200-18-10	COG-200 AIR CAP ASSY	X	X			
1	9COG-200-18S-10	COG-200 AIR CAP ASSY			X		
1	9COG-101-12-10	COG-101 AIR CAP ASSY				X	X
2		NOZZLE/NEEDLE ASSY	X	X	X	X	X
3-1	93660300	AIR NIPPLE	X	X	X	X	X
3-2	93515600	FLUID NIPPLE	X	X	X	X	X
4	93898600	PATTERN ADJUST SET	X	X	X		
4	93842531	PATTERN ADJUST SET				X	X
5	93843530	AIR VALVE SEAT SET	X	X	X	X	X
5-1	96638008	O RING	X	X	X	X	X
6	93591530	AIR VALVE	X	X	X	X	X
7	93719530	AIR VALVE SPRING	X	X	X	X	X
8	93844532	FLUID ADJUST GUIDE SET	X	X	X	X	X
9	93593530	FLUID NEEDLE SPRING	X	X	X	X	X
10	93594532	FLUID ADJUST KNOB	X	X	X	X	X
11	93935430	AIR VALVE SHAFT	X	X	X	X	X
12	93845531	AIR ADJUST SET HP-G6	X	X	X	X	X
13	93667360	TRIGGER STUD	X	X	X	X	X
14	93517600	TRIGGER	X	X	X		
14	93597530	TRIGGER				X	X
15	93912030	E STOPPER (PACK OF 2)	X	X	X	X	X
17	96990600	BRUSH	X	X	X	X	X
16	93765610	NEEDLE PACKING SET	X	X	X	X	X
	9COG-200-18-50	COG-200-18 CONVERSION ASSY	X				
	9COG-200-12-50	COG-200-12 CONVERSION ASSY		X	X		
	93502540	BACK RING				X	X
	9COG-200-X1	COG-200-18 AIR CAP ASSY - RESTRICTED		X			





FEATURES

- Available in two versions, flat or round pattern
- Air and fluid joints positioned at the bottom of grip for easy handling
- Fluid adjustment and pattern adjustment with locking mechanism
- Aluminum forged body with anodized surface
- Multi-use for various liquid applications

TECHNICAL



TOF-50 FLAT PATTERN

Model	Ø mm	No.	bar/psi	m³/min	CFM	mm
TOF-50-022P	0.2	E2	1.0/14.5	180	1.8	120
TOF-50-032P	0.3					140
TOF-50-042P	0.4					150
TOF-50-062P	0.6					150
TOF-50-082P	0.8					180
TOF-50-102P	1.0					180
TOF-50-122P	1.2	G2	1.5/21.8	500	2.3	230
TOF-50-142P	1.4					230

TOF-50R ROUND PATTERN

Model	Ø mm	No.	bar/psi	m³/min	CFM	mm			
TOF-50R-022P	0.2	A2R	0.5/7.3	20	0.7	40			
TOF-50R-032P	0.3					1.0/14.5	50	1.1	70
TOF-50R-042P	0.4								
TOF-50R-062P	0.6		1.5/21.8	180	1.8				
TOF-50R-082P	0.8		2.0/29	220	1.9				
TOF-50R-102P	1.0		2.5/36.3	280	1.9				
TOF-50R-122P	1.2	G2R	3.5/43.5	350	2.6	80			
TOF-50R-142P	1.4						500		

Connection hose: • Outside ø 6 mm • Inside ø 4 mm

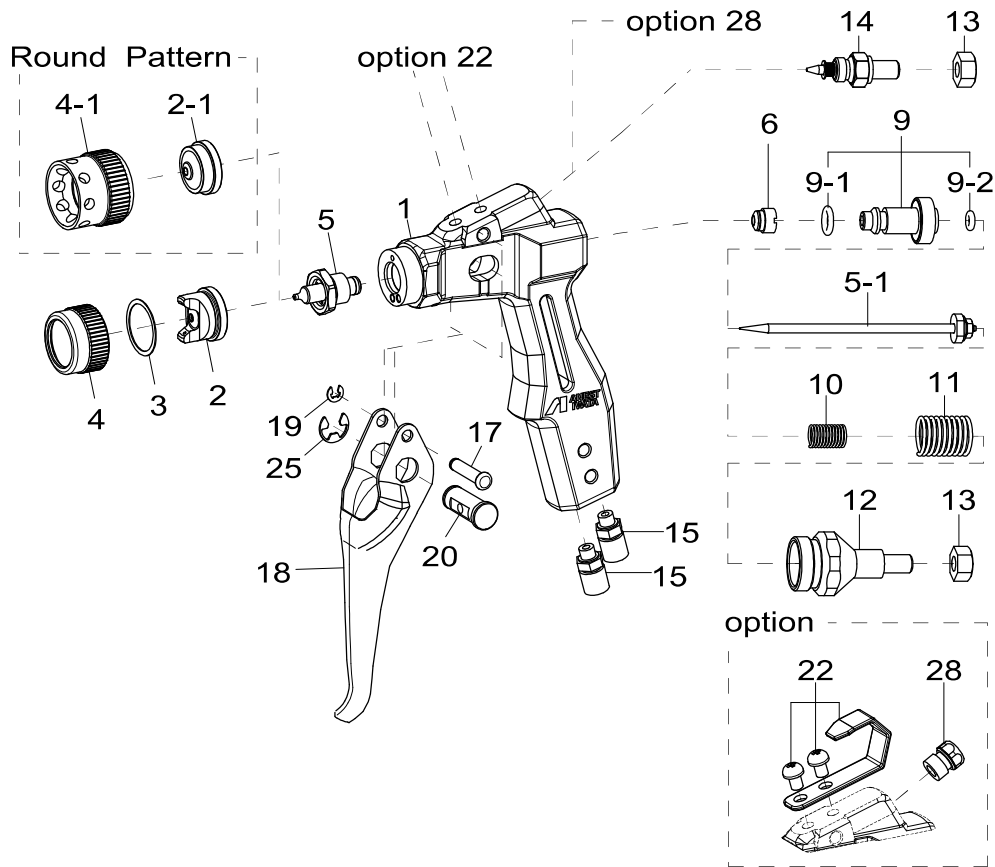


HANGER HOOK
Optional
Can be attached on either side of gun



ORDER Information - TOF-50 Flat Pattern | TOF-50R Round Pattern

	ø 0.2	ø 0.3	ø 0.4	ø 0.6	ø 0.8	ø 1.0	ø 1.2	ø 1.4	
TOF-50 FLAT PATTERN	5060	5065	5070	5495	5080	5085	5090	5095	
TOF-50R ROUND PATTERN	5061	5066	5071	5076	5081	5086	5091	5096	
NOZZLE + NEEDLE SET	93030930	93031220	93030820	93030780	93030990	93031040	93031120	93031170	
AIR CAP SET - TOF-50	93557600							93021960	
AIR CAP SET - TOF-50R	93030380							93021970	



SPARE PARTS

Ref.	Code	Description
2		AIR CAP SET
2-1		AIR CAP SET (Round Pattern)
5 + 5-1		NOZZLE + NEEDLE SET
3	93558600	PACKING
4	93559600	COVER
4-1	93030370	CAP GUARD
6	93030411	NEEDLE PACKING SET
9	93030800	PISTON ASSY
9-1	96997086	O RING
9-2	96997085	O RING
10	93030630	FLUID NEEDLE SPRING
11	93030640	PISTON SPRING

Ref.	Code	Description
12	93030810	FLUID ADJ. ASSY
13	96361061	HEXAGON NUT
14	93030710	PATTERN ADJ. SET
15	9MS-5H-6	HOSE NIPPLE
17	93030660	TRIGGER STUD
18	93030651	TRIGGER
19	96612025	E STOPPER
20	93030591	PUSHING BAR
25	96612050	E STOPPER
22 Opt.	93018920	HOOK SET
28 Opt.	93027880	PLUG

RG3L GRAVITY ROUND PATTERN



**RG3L with
PC61 Cup**

See page 52
for cup options
(sold separately)

TECHNICAL	Ø mm	No.	bar/psi	m ³ /min	CFM	mm
	RG3L					
RG3L-1	0.4	1	2.5/36	15	1.1	25
RG3L-11						
RG3L-2	0.6	2		35		35
RG3L-12						
RG3L-3	1.0	3	80	1.8		
RG3L-13						

• Air Nipple: G1/4" • Fluid Nipple: G1/4"

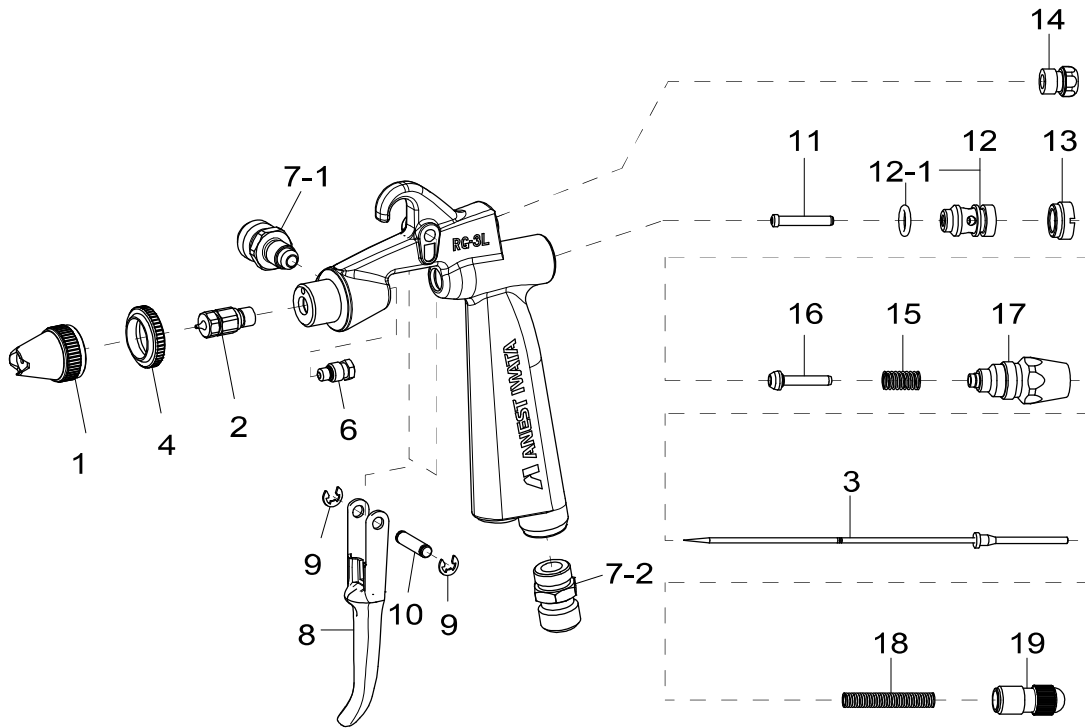


ORDER Information - RG3L

	ø 0.4	ø 0.6	ø 1.0
GRAVITY SPRAY GUN W/ BLANKING SCREW	2805	2806	2807
GRAVITY SPRAY GUN + PC61 - 130ML	2862	2864	2866
GRAVITY SPRAY GUN + PC5 - 250ML	2861	2863	2865
FLUID NOZZLE	93042880	93041880	93040890
FLUID NEEDLE	93910880	93937880	93938880
AIR CAP SET	1 93022890	2 93025880	3 93026880

ORDER Information - RG3L W/ AIR ADJUST SET

	ø 0.4	ø 0.6	ø 1.0
GRAVITY SPRAY GUN W/ AIR ADJUST SET	2808	2809	2810
GRAVITY SPRAY GUN + PC61 - 130ML	2868	2870	2872
GRAVITY SPRAY GUN + PC5 - 250ML	2867	2869	2871



SPARE PARTS

Ref.	Code	Description	Qty.
1		AIR CAP SET RG-3L	
2		NOZZLE SET	
3		NEEDLE SET	
4	93028890	JAM NUT	
6	93940890	NEEDLE PACKING CARTRIDGE	
7-1	93005891	FLUID NIPPLE	1/4"
7-2	93660300	AIR NIPPLE	1/4"
8	93162890	TRIGGER	
9	93912030	E STOPPER	(2 pcs./1 pk.)
10	93167890	TRIGGER STUD	
11	93006880	AIR VALVE SHAFT	
12	93912880	AIR VALVE SEAT SET	
12-1	96638005	O RING	
13	93011880	AIR VALVE SEAT SCREW	
14	93027880	BLANK SCREW	1/2/3
14	93939880	AIR ADJUST SET	11/12/13
15	93012880	AIR VALVE SPRING	
16	93013880	AIR VALVE	
17	93936880	FLUID ADJ. GUIDE SET	
18	93015880	FLUID NEEDLE SPRING	
19	93017880	FLUID ADJ. KNOB	

ACCESSORIES



Ref.	Code	Description
	6022	AIRBRUSH BOTTLE ADAPTER KIT WITH THREE 2 OZ BOTTLES
	6022-1	AIRBRUSH BOTTLE ADAPTER ONLY
	2950	MK5 MAINTENANCE KIT
	2860	REPAIR SERVICE KIT (INCLUDES: 6, 9, 12-1)



ALUMINUM GRAVITY CUPS			LS-400	WS-400	W-400	W-400-LV	LPH-400	LPH-300-LV	LPH-80
MODELS									
1000ML		PCG10D2							
		6038D	●	●					
		G1/4" Stainless Steel Fluid Joint							
1000ML		PCG10EM							
		6034E			●	●	●		
		M16x1.5 Female Stainless Steel Fluid Joint							
700ML		PCG7D2							
		6032D	●	●				●	
		G1/4" Stainless Steel Fluid Joint							
700ML		PCG7EM							
		6033E			●	●	●		
		M16x1.5 Female Stainless Steel Fluid Joint							
400ML		PCG4D2							
		6031D	●	●				●	
		G1/4" Stainless Steel							
150ML		PCG2D-1							
		6036D							●
		G1/8" Stainless Steel							

CODE	SPARE PARTS for GRAVITY CUPS	MODELS
94008321	LID	PCG10/7/4/2
94007321	LID	PCG2



PLASTIC GRAVITY CUPS		LS-400	WS-400	W-400	W-400-LV	LPH-400	LPH-300
MODELS							
600ML		PCG600P-2					
		6039	•	•			•
		1/4" Fluid Joint					
		PCG6PM					
6000				•	•	•	
M16 X 1.5MM Fluid Joint							








CODE	SPARE PARTS for GRAVITY CUPS	MODELS
94002321	LID	PCG6PM/2/3
94003320	VENT KNOB	PCG6PM/2/23



SIDE GRAVITY CUPS			W-101	W-200	W-77	W-71	LPH-101	LPH-50	RG3L
MODELS									
250ML		PC 5							
		6009	•			•	•	•	•
		G1/4" Stainless Steel							
220ML		PC 51							
		6028	•			•	•	•	•
		G1/4" Stainless Steel							
150ML		PC 61							
		6010	•			•	•	•	•
		G1/4" Stainless Steel							
400ML		PC 4							
		6007		•	•				
		G3/8" Stainless Steel							
400ML		PC 4S							
		6008	•			•	•	•	•
		G1/4" Stainless Steel							
600ML		PCG6P2							
		6011	•			•	•		
		G1/4" Plastic							
600ML		PCG6P3							
		6012		•	•				
		G3/8" Plastic							
CODE	SPARE PARTS for GRAVITY CUPS		MODELS						
94001080	LID SET		PC 4 - PC 4S						
94001100	LID SET		PC 5						
94001191	LID SET		PC 61						

PRESSURE CONTAINERS			W-2003	LPH-2003
MODELS				
1000ML		PC 19B		
		6035	•	•
		G3/8"		
CODE	SPARE PARTS		MODEL	
94903170	LID PACKING SET (2 pcs./1pk.)		PC 19B	
94902161	SUCTION TUBE		PC 19B	



SIPHON CONTAINERS			W-101	W-200	W-77	W-71	LPH-101
MODELS							
1000ML		PC 1					
		6001		•	•		
		G3/8"					
1000ML		PC 1S					
		6004	•			•	•
		G1/4"					
600ML		PC 2					
		6005	•			•	•
		G1/4"					
400ML		PC 3					
		6006	•			•	•
		G1/4"					
700ML		PCL 7B 2					
		6019	•			•	•
		G1/4"					
700ML		PCL 7B 3					
		6021		•	•		
		G3/8"					
1000ML		PCL 10B 2					
		6015	•			•	•
		G1/4"					
1000ML		PCL 10B 3					
		6017		•	•		
		G3/8"					
CODE	SPARE PARTS for SIPHON CONTAINER		MODELS				
94901000	PACKING SET (2 pcs./1pk.)		PC 1- PC 1S - PC 2				
94008300	LID PACKING SET (2 pcs./1pk.)		PCL 7B -PCL 10B				
04904302	NON DRIP SET (2 pcs./1pk.)		PCL 7B -PCL 10B				



ORDER Information - EAHU6 (6mm) URETHANE GROUNDED AIR HOSE							
Code	Length (ft.)	Diameter (mm)	Fitting Size (in)	Fittings Included	Compatability	Material	Note
8002	1	6	1/4	-	Can be used with all pressure fed guns, pumps, and pots	Urethane	For one 18' hose, order 8002 Qty. 18
8000	6			PJU02F			-
9000	6			NPT			-
8091	25			PJU02F			-
9091	25			NPT			-
8001	328			-			Full Roll

ORDER Information - EAHU8 (8.7mm) URETHANE GROUNDED AIR HOSE							
Code	Length (ft.)	Diameter (mm)	Fitting Size (in)	Fittings Included	Compatability	Material	Note
8114	1	8.7	1/4	-	Can be used with all pressure fed guns, pumps, and pots	Urethane	For one 18' hose, order 8114 Qty. 18
8220	6			W/AJU032F			-
8221	25			W/AJU032F			-
8116	328			-			Full Roll

ORDER Information - PHU6 (6mm) URETHANE FLUID HOSE							
Code	Length (ft.)	Diameter (mm)	Fitting Size (in)	Fittings Included	Compatability	Material	Note
8009	1	6	3/8	-	Can be used with all pressure fed guns, pumps, and pots	Urethane	For one 18' hose, order 8002 Qty. 18
8007	6			W/PJU023F			-
9007	6			NPT			-
8048	25			W/PJU023F			-
9048	25			NPT			-
8008	328			-			Full Roll



ORDER Information - PHU8 (8.7mm) URETHANE FLUID HOSE

Code	Length (ft.)	Diameter (mm)	Fitting Size (in)	Fittings Included	Compatibility	Material	Note
8207	1	8.7	3/8	-	Can be used with all pressure fed guns, pumps, and pots	Urethane	For one 18' hose, order 8002 Qty. 18
8206	328			-			Full Roll

ORDER Information - PHN6 (6mm) NYLON FLUID HOSE

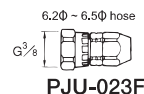
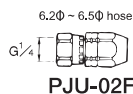
Code	Length (ft.)	Diameter (mm)	Fitting Size (in)	Fittings Included	Compatibility	Material	Note
8212	1	6	3/8	-	Can be used with all pressure fed guns, pumps, and pots	Nylon	For one 18' hose, order 8002 Qty. 18
8006	6			PJU023F			-
9010	6			NPT			-
8213	25			PJU023F			-
9215	25			NPT			-
8211	328			-			Full Roll

ORDER Information - PHN8 (8.7mm) NYLON FLUID HOSE

Code	Length (ft.)	Diameter (mm)	Fitting Size (in)	Fittings Included	Compatibility	Material	Note
8112	1	8.7	3/8	-	Can be used with all pressure fed guns, pumps, and pots	Nylon	For one 18' hose, order 8002 Qty. 18
8230	6			W/AJU03F			-
8231	25			W/AJU03F			-
8111	328			-			Full Roll

ORDER Information - HOSE FITTINGS

Code	Diameter (mm)	Fitting Size (in)	Compatibility	Name	Note
8023	6	3/8	6mm Hoses	PJU023F	Two fittings per hose
8024	6	1/4	6mm Hoses	PJU02F	
9023	6	3/8	6mm Hoses	NPT	
9024	6	1/4	6mm Hoses	NPT	
8040	8.7	1/4	8.7mm Hoses	AJU032F	
8045	8.7	3/8	8.7mm Hoses	AJU03F	



Electrostatic Spray Gun



56

ELECTROSTATIC SPRAY GUNS

External Charging System



Internal Charging System





E-MW50

TECHNICAL

E-MW50

E-MW50-13C1X



1.1

C1

ACV24Vpp

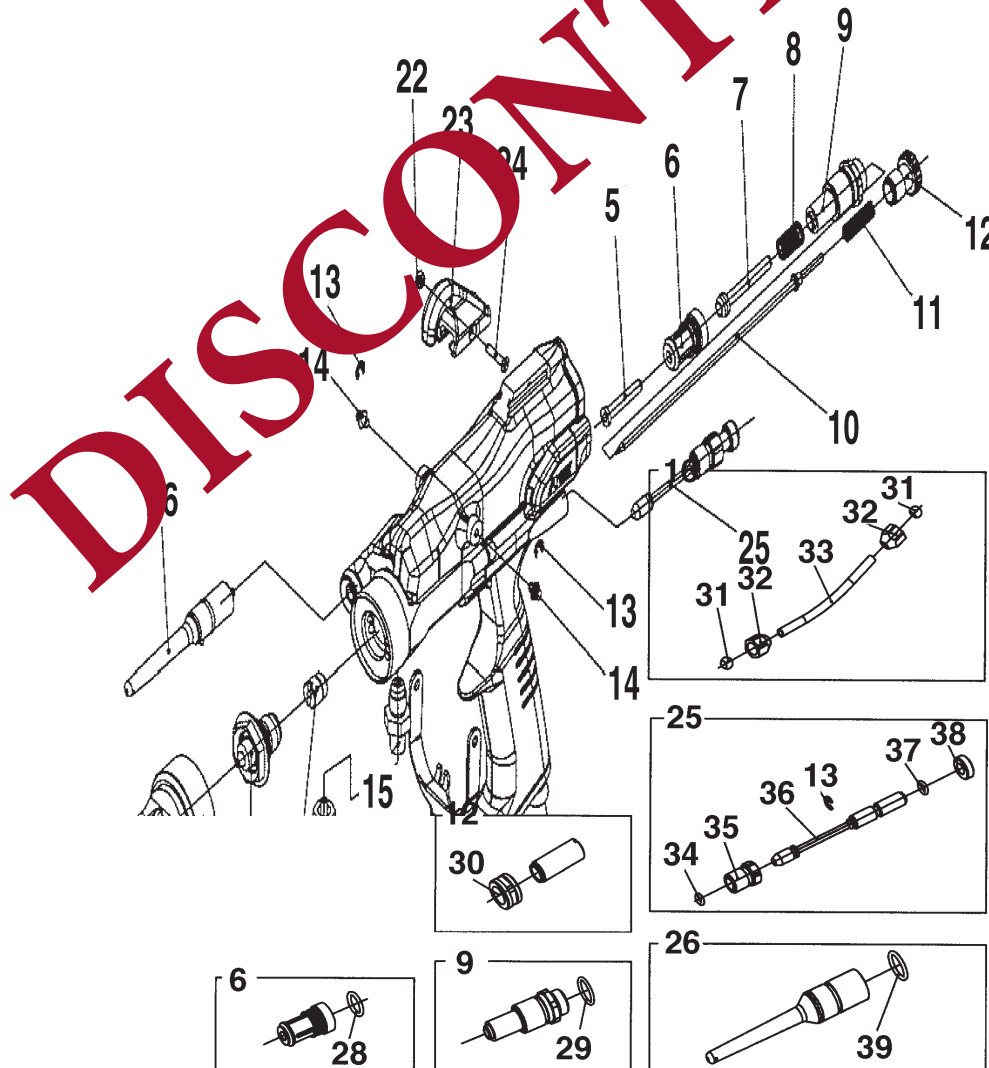
DC-50KV

10

530

ORDER Information - E-MW50 Water-Based Electrostatic Gun

Code	Description	Voltage
7066	E-MW50 WATER BASED ELECTROSTATIC GUN	-
7064	E-SC24BL-FM E/S ELECTROSTATIC CONTROLLER	AC 100-120V





E-SC24BL-FM



SPARE PARTS

Ref.	Code	Description
1	93683030	AIR CAP C1
2	93675040	CAP COVER
3	93684030	FLUID NOZZLE (2) ø1.3 chamfered tip nozzle, for C1
4	93801080	NEEDLE PK SET
5	93551090	AIR VALVE SHAFT
6	93843530	AIR VALVE SEAT SET
7	93550090	AIR VALVE
8	93719530	AIR VALVE SPRING
9	93559090	FLUID ADJ. GUIDE SET
10	93502090	FLUID NEEDLE
11	93593530	NEEDLE SPRING
12	93594532	FLUID ADJ. KNOB
13	93912030	STOPPER (2 pcs./1 p)
14	93532090	TRIGGER SHAFT
15	93686000	FLUID JOINT for ø4 fluid tube - office
16	93604080	FLUID TUBE SET ø4 x ø2
17	93680040	TRIGGER
18	93687000	TRIGGER
19	93551090	AIR VALVE SHAFT
20	93685040	FLUID NIPPLE 3/8" M - for ø4 fluid tube
21	93531042	SCREW
22	96071043	NUT
23	93533090	GUN HOOK
24	960714003	SCREW
25	93539090	PATTERN ADJ. SET
26	93696070	ELECTRODE BAR SET 30 S 30mm electrode
28	96638008	O RING
29	96997020	O RING
31	96876104	SLEEVE for ø4 fluid tube
32	96876004	JOINT NUT for ø4 fluid tube
34	96997012	O RING
37	96995986	O RING
39	96995948	O RING
40	93531090	TERMINAL SPRING
	7085	LOW VOLTAGE CABLE 10 m
	7086	LOW VOLTAGE CABLE 15 m (Option)
	7087	LOW VOLTAGE CABLE 20 m (Option)





E-M15B

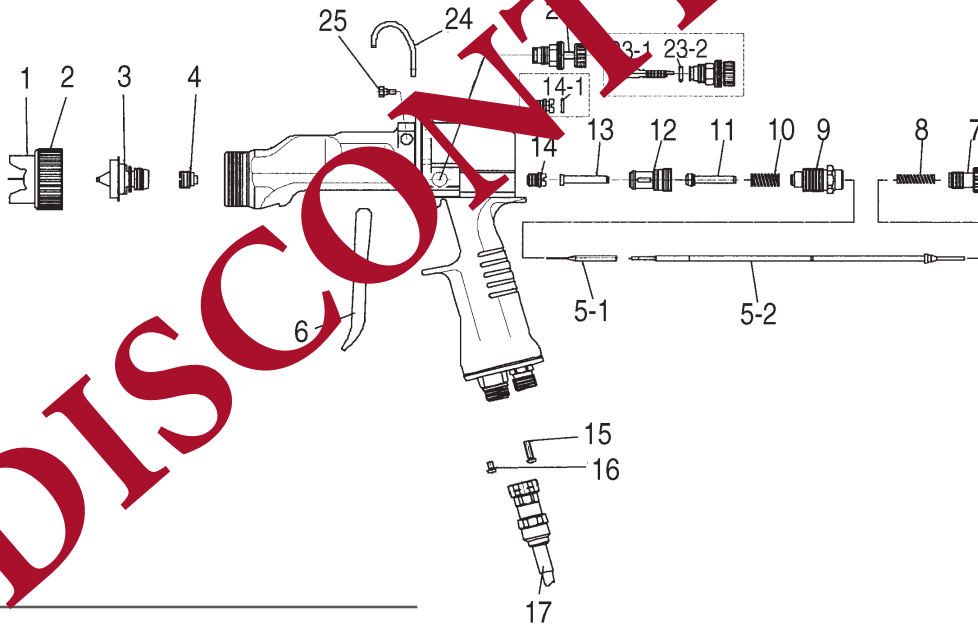
TECHNICAL

E-M15B

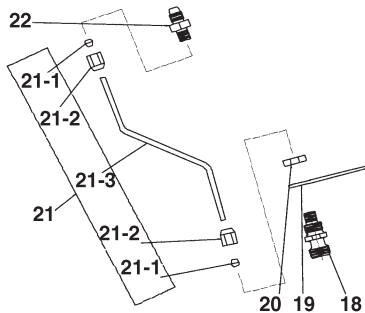
E-M15B-13C1X-S1	1.3	C1	AC12Vpp	DC-40KV	10	510
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ORDER Information - E-M10B Water Based & Low Resistance Paint		
Code	Description	Voltage
7080B	E-M15B ELECTROSTATIC SPRAY GUN	-
7081	E-SC12B-FM ELECTROSTATIC CONTROLLER	AC 200-240V



STRAIGHT TUBE



SPIRAL TUBE





E-SC12B-FM

Electrostatic **Controller**



SPARE PARTS

Ref.	Code	Description
1	93683030	AIR CAP SET(2) C1
2	93675040	CAP COVER
3	93684030	FLUID NOZZLE (2) ø 1,3 for C1/C5
4	93801080	NEEDLE PACKING SET
5-1	93839000	FLUID NEEDLE SET
5-2	93803080	BAR SET
6	93680040	TRIGGER
7	93594532	FLUID ADJ. KNOB
8	93593530	NEEDLE SPRING
9	93807080	FLUID ADJ. GUIDE SET
10	93719530	AIR VALVE SPRING
11	93580080	AIR VALVE
12	93843530	AIR VALVE SEAT SET
12-1	96638008	O RING
13	93581080	AIR VALVE SHAFT
14	93809080	BAR PACKING SET
14-1	96997063	O RING
15	96360033	SCREW
16	96360032	SCREW
17	7085	LOW VOLTAGE CABLE
18	93685040	FLUID RIPPLE 3/8" M - for ø4 fluid tube
18	93680050	FLUID RIPPLE Option 3/8" M - for ø6 fluid tube
19	93511080	FLUID TIGHT STAY
20	93687000	MUFF
21	93844010	FLUID TUBE SET
21	93848010	FLUID TUBE SET Option ø6 x ø4, L= 145 mm
21	93841100	FLUID HOSE SET Option ø6 x ø4, spiral
21	93841100	FLUID HOSE SET Option ø4 x ø2.0 spiral
21-1	96876004	SLEEVE for ø4 fluid tube
21-1	96876106	SLEEVE for ø6 fluid tube
21-2	96876004	JOINT NUT for ø4 fluid tube
21-2	96876520	JOINT NUT for ø6 fluid tube
22	93686000	FLUID JOINT for ø4 fluid tube - ø2.0 orifice
22	93683050	FLUID JOINT for ø6 fluid tube
23	93810080	PATTERN ADJ. SET
23-1	96997012	O RING
23-2	96997011	O RING
24	93510080	HOOK
25	93684010	TRIGGER SCREW
26	96350316	BOLT
27	96500304	SPRING WASHER
28	96382032	NUT

DISCONTINUED



Electrostatic Spray Gun



INDUSTRIAL APPLICATIONS - 2017
Ed.01 November 2017

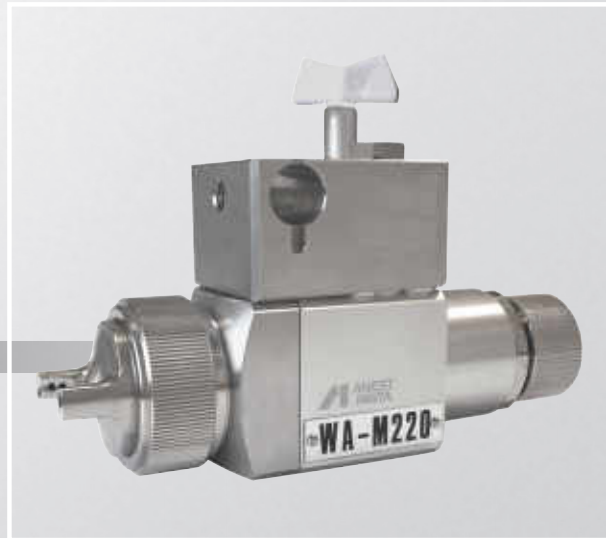


AUTOMATIC SPRAY GUNS

General Purpose



Robot Application



Special Purpose



WA-200 | WA-101 | LPA-200 | LPA-101



WA-200



WA-101



LPA-200



LPA-101

TECHNICAL							
WA-200							
WA-200-082P	0.8	G2P	3.0/43.5	500	18.7	400	
WA-200-102P	1.0						
WA-200-122P	1.2						
WA-200-152P	1.5	K2		270	11.7	340	
WA-200-202P	2.0	R2		400	13.5	320	
WA-200-251P	2.5	W1		500		330	
WA-101							
WA-101-082P	0.8	E2P	3.0/43.5	150	9.5	190	
WA-101-101P	1.0	E1	3.0/43.5	100	3.2	140	
WA-101-102P	1.0	E2P	3.0/43.5	200	9.5	220	
WA-101-132P	1.3	H2	3.0/43.5	250	9.2	230	
WA-101 ROUND PATTERN							
WA-101R-05P	0.5	RP	3.0/43.5	20	1.4	35	
LPA-200							
LPA-200-122P	1.2	G2	2.0/29	500	17.7	300	
LPA-101							
LPA-101-101P	1.0	E1	2.7/39	150	15.2	200	

Air Nipple: G1/4" • Fluid Nipple: G1/4"

ORDER Information - WA-200

WA-200	Ø 0.8	Ø 1.0	Ø 1.2	Ø 1.5	Ø 2.0	Ø 2.5
AUTOMATIC SPRAY GUN	5603	5604	5605	5610	5615	5620
NOZZLE + NEEDLE SET	93853620	93855620	93820620	93821620	93822620	93824620
AIR CAP SET	G2P 93818611			-	-	-
AIR CAP SET	-			K2 938166111	R2 93814611	W1 93813611

WA-200 ZP

	Ø 1.5	Ø 2.0	Ø 2.5
GUN FOR ABRASIVE PAINT	5627	5625	5626
NOZZLE + NEEDLE SET	WA-200-X2	93836620	93838620
AIR CAP SET - R1Z	93871611		

ORDER Information - WA-101

WA-101	Ø 0.8	Ø 1.0	Ø 1.3	Ø 0.5 RP
AUTOMATIC SPRAY GUN	5606B	5438B	5440B	5441B
NOZZLE + NEEDLE SET	93811621	93808621	93813621	93816621
AIR CAP SET	E2P 93704610	-	-	-
AIR CAP SET	-	E1 93689610	-	-
AIR CAP SET	-	-	H2 93696610	-
AIR CAP SET	-	-	-	WA101R 93815622

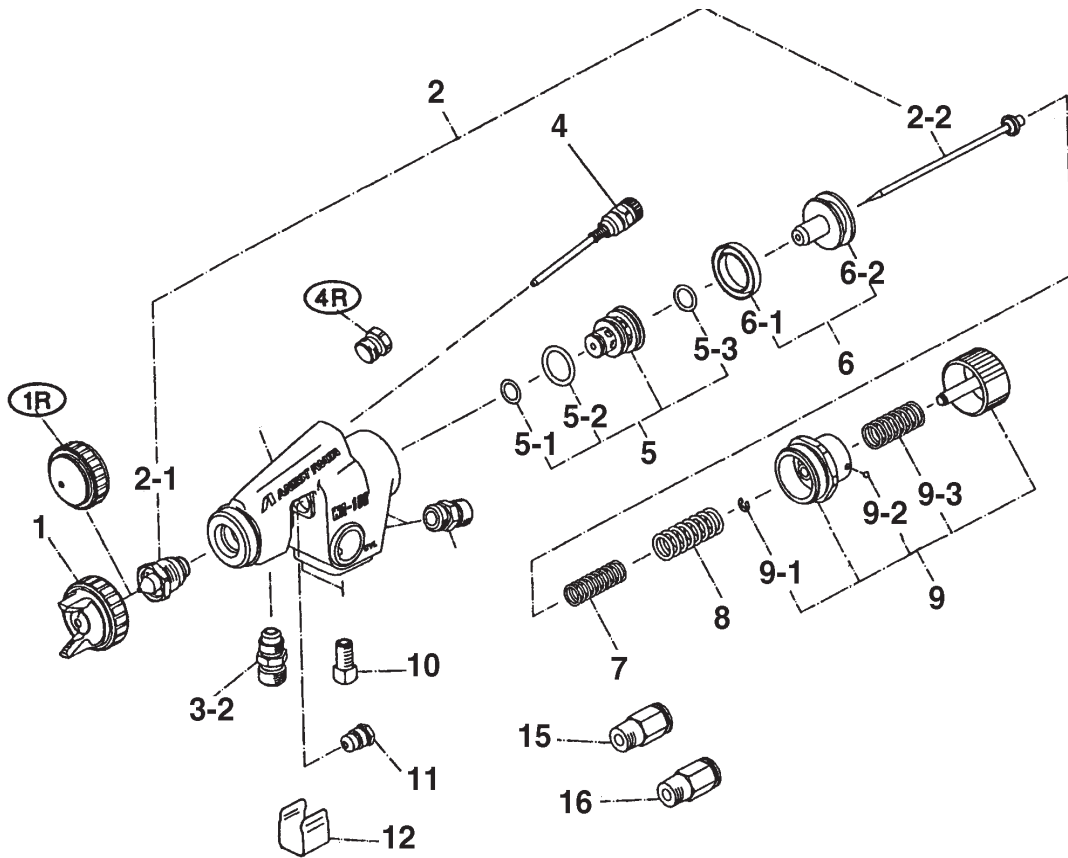
ORDER Information - LPA-200

	Ø 1.2
AUTO. GUN LPA-200-122P	5308
NOZZLE + NEEDLE SET	93826620
AIR CAP SET	G2 93822601

ORDER Information - LPA-101

	Ø 1.0
AUTO. GUN LPA-101-101P	5306B
NOZZLE + NEEDLE SET	93818620
AIR CAP SET	E1 93832532





SPARE PARTS

Ref.	Code	Description	Size	WA-200	WA-101	LPA-200	LPA-101
1		AIR CAP SET		X	X	X	X
2		NOZZLE + NEEDLE SET		X	X	X	X
2-2	93644620	SPECIAL NEEDLE with TIP in Delrin		X			
	9W-200-X17-1	NEEDLE TIP in Delrin	ø 0.8; 1.0; 1.2	X			
3-1	93502620	AIR NIPPLE G 1/4"	ø 0.8; 1.0; 1.2	X	X	X	X
3-2	93515600	FLUID NIPPLE	G 3/8"	X			
3-2	93584530	FLUID NIPPLE	G 1/4"	X	X	X	X
4	93801621	SPREAD ADJ. SET			X		
4	93801621	FAN ADJUSTING SET					X
4	93812640	PATTERN ADJ. SET for Remote Control		X	X	X	
4	93812621	PATTERN ADJ. SET		X		X	
4R	93625370	BLANK SCREW			X		
5	93805620	AIR VALVE SEAT SET		X	X	X	X
5-1; 5-2; 5-3	93849620	O RING SET		X	X	X	X
6-1	93903440	PISTON PACKING SET	2 pcs./1 pk.	X	X	X	X
6-2	93511580	PISTON		X	X	X	X
7	93514580	NEEDLE SPRING		X	X	X	X
8	93513580	PISTON SPRING		X	X	X	X
9	93840581	FLUID ADJ. SET		X	X	X	X

Ref.	Code	Description	Size	WA-200	WA-101	LPA-200	LPA-101
9-1	93912030	E STOPPER	2 pcs./1 pk.	X	X	X	X
9-2	93914730	BALL	2 pcs./1 pk.	X	X	X	X
9-3	93104420	FLUID ADJ. SPRING		X	X	X	X
10	93811580	BOLT SET		X	X	X	X
10-1	93810580	BOLT CAP					X
11	93765610	NEEDLE PACKING CARTRIDGE		X	X	X	
11	93765610	NEEDLE PACKING SET					X
12	93522581	COVER		X	X	X	
12	93522581	COVER					X
15	96801162	HALF UNION ø 6 mm		X	X	X	X
16	96801182	HALF UNION ø 8 mm		X	X	X	X
	93834580	AIR VALVE SEAT AXIS TOOL		X	X	X	X
	93576530	AIR CAP "L" PACKING BLACK			X	X	
	93708240	AIR CAP PACKING WHITE		X			
	93512600	AIR CAP L PACKING BLACK		X			
	93858620	LOCKNUT FLUID ADJUST KNOB			X	X	
	96990600	BRUSH			X	X	X
	93538600	GUN WRENCH			X	X	X



WRA-101 | WRA-200 | LRA-200



WRA-101



WRA-200



LRA-200

TECHNICAL	Ø mm	No.	bar/psi	m ³ /min	CFM	mm
	WRA-101					
WRA-101-082P	0.8	E2P	CAP 2.7/39 FAN 2.1/31	20	9.5	190
WRA-200						
WRA-200-122P	1.2	G2P	CAP 2.7/39 FAN 2.3/34	500	18.7	400
LRA-200						
LRA-200-082P	0.8	G2	CAP 1.6/23 FAN 1.4/20	400	17.7	250
LRA-200-122P	1.2			500		300

WRA-101 Air Nipple: Rc 1/4" • Fluid Nipple: Rc 1/4"
WRA/LRA-200 Air Nipple: Rc 1/8" • Fluid Nipple: Rc 1/8"



ORDER Information - WRA-101

WRA-101	Ø 0.8	Ref.
AUTOMATIC SPRAY GUN	5630B	-
NOZZLE + NEEDLE SET	93831621	2
AIR CAP SET - E2P	93704610	1

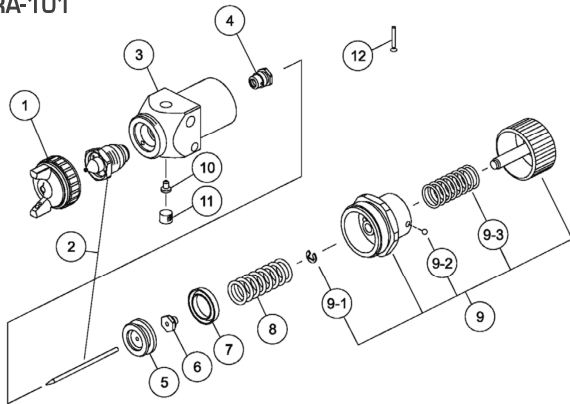
ORDER Information - WRA-200

WRA-200	Ø 1.2	Ref.
AUTOMATIC SPRAY GUN	5635	-
NOZZLE + NEEDLE SET	93834620	2
AIR CAP SET - G2P	93818611	1

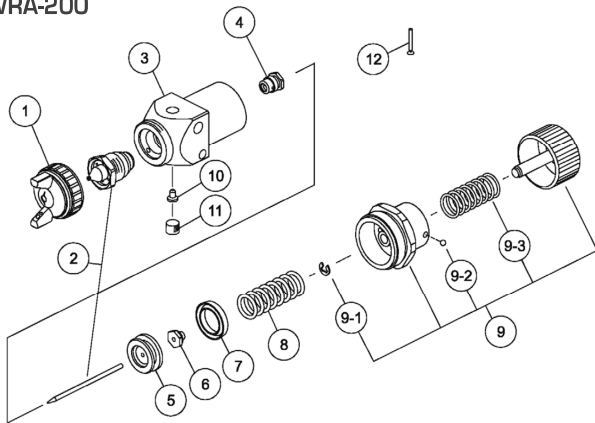
ORDER Information - LRA-200

LRA-200	Ø 0.8	Ø 1.2	Ref.
AUTOMATIC SPRAY GUN LRA-200-082P	5636	-	-
AUTOMATIC SPRAY GUN LRA-200-122P	-	5307	-
NOZZLE + NEEDLE SET	93857620	-	2
NOZZLE + NEEDLE SET	-	93835620	2
AIR CAP SET - G2	93822601		1

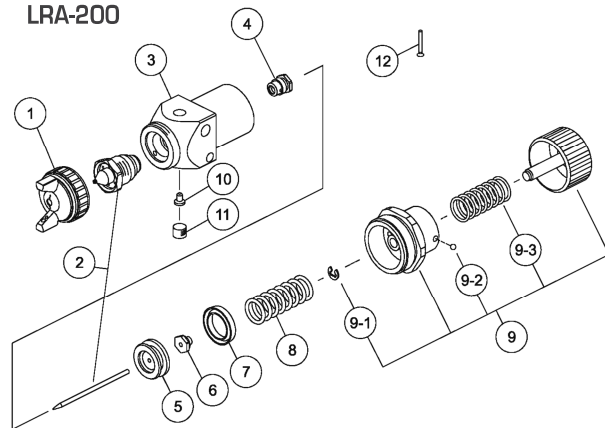
WRA-101



WRA-200



LRA-200



SPARE PARTS

Ref.	Code	Description	WRA-101	WRA-200	LRA-200
1	93704610	AIR CAP SET E2P	X		
1	93818611	AIR CAP SET G2P		X	
1	93822601	AIR CAP SET G2			X
2		NOZZLE/NEEDLE SET	X	X	X
4	93847580	NEEDLE PACKING SET	X	X	X
5	93629570	PISTON	X	X	X
6	93455230	NUT	X	X	X
7	93903440	PISTON PACKING (2 pcs./1 pk.)	X	X	X
8	94003880	PISTON SPRING	X	X	X
9	93840581	FLUID ADJUSTMENT SET	X		
9	93840581	FLUID ADJUSTMENT SET		X	X
9-1	93912030	STOPPER (2 pcs./1 pk.)	X	X	X
9-2	93914730	BALL (2 pcs./1 pk.)	X	X	X
9-3	93104420	FLUID ADJ. SPRING	X	X	X
10	93526620	PLUG	X	X	X
11	96990440	PLUG WITH HEXAGON HOLE	X	X	X
12	96172529	SCREW	X	X	X



WA-M220 | WA-M220-L WITHOUT MANIFOLD



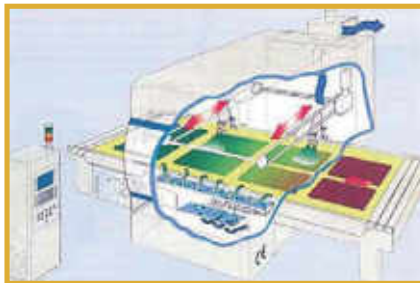
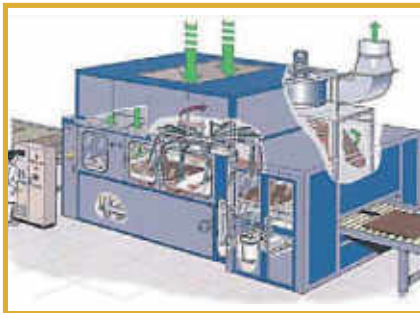
FEATURES

HIGH ATOMIZATION

- Patented split nozzle technology
- High transfer efficiency with ANEST IWATA air cap technology
- Able to handle the most difficult water base & solvent borne fluid materials with minimum overspray

EASY TO USE

- No need to use solenoid valve: atomization & fan air close together with air piston
- Two step detachment technique: remarkable reduction of production downtime
- Quick air cap disassembly
- Index (90°- 180°) air cap
- 16 position fluid needle adjustment



TECHNICAL



WA-M220 STANDARD SIZED ATOMIZER (WITHOUT MANIFOLD)

WA-M220	0.4 - 0.6 - 0.8 - 1.0	LV2	2,4/34,8	100	12.7	155
WA-M220	1.5 - 1.6	G2P		500	18.7	400

WA-M220WB WATER BASED VERSION (WITHOUT MANIFOLD)

WA-M220WB-081	0.8	WB1	1.5/21.8	200	12	300
WA-M220WB-101	1.0			250		320
WA-M220WB-121	1.2			250		330
WA-M220WB-141	1.4			300		340
WA-M220WB-161	1.6			300		350

WA-M220-L SMALL SIZED ATOMIZER (WITHOUT MANIFOLD)

WA-M220-L044	0.4	E4	0.8/11.6	10	2.1	55
WA-M220-L064	0.6			30		80
WA-M220-L084	0.8			45		100
WA-M220-L104	1.0			60		130
WA-M220-L124	1.2			75		140

Air & Fluid Manifold Connection: G 1/8"

ORDER Information - WA-M220 Series WITHOUT MANIFOLD

WA-M220	Ø 0.4	Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.5	Ø 1.6	Ref.
WITHOUT MANIFOLD	5160	5161	5482	5162	5163	5164	-
NOZZLE + NEEDLE SET	93006850	93006860	93006660	93006670	93006680	93006870	2
AIR CAP SET (LV2)	93006500					-	1
AIR CAP SET (G2P)	-	-	-	-	93006460		1

WA-M220 WB	Ø 0.8	Ø 1.0	Ø 1.2	Ø 1.4	Ø 1.6	Ref.
WITHOUT MANIFOLD	5170	5171	5172	5173	5174	-
NOZZLE + NEEDLE SET	93006750	93006760	93006770	93006780	93006790	2
AIR CAP SET (WB1)	93006520					1

WA-M220 L	Ø 0.4	Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2	Ref.
WITHOUT MANIFOLD	5180	5180	5483	5182	5183	-
NOZZLE + NEEDLE SET	93984890	93984900	93984910	93984920	93984930	2
AIR CAP SET (E4)	93662600					1

AIR CAP CONVERSION KIT	Ø 0.4	Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2	Ref.
	93984830	93984840	93984850	93984860	93984870	21+21-1+1+2

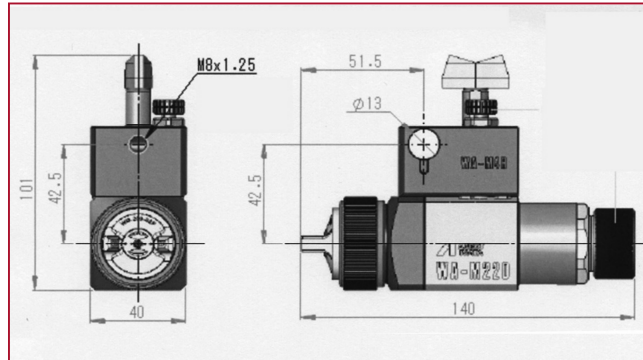


Easy to Maintain

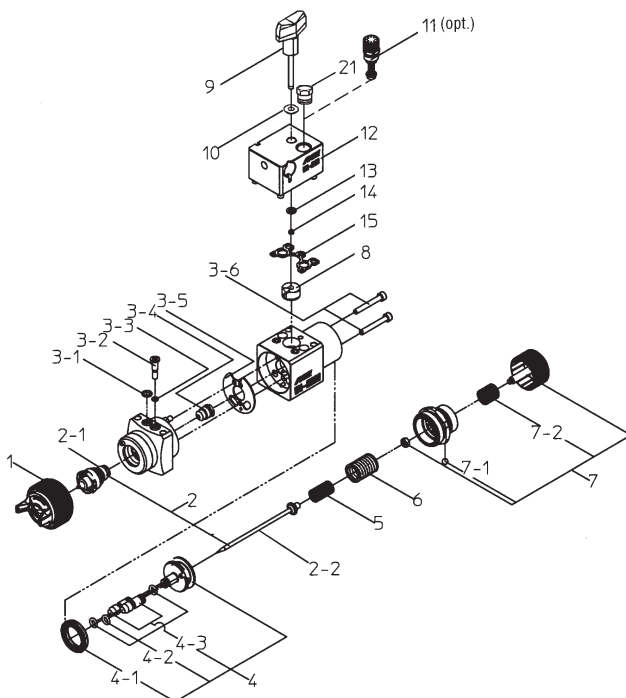
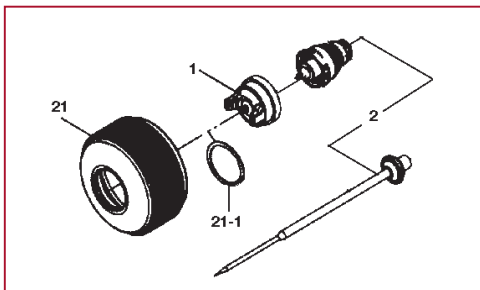
- Simple quick disassembly from manifold
- Fluid needle and air piston disassembled from rear of spray gun
- Smooth stainless steel fluid passages to comply with all water-based materials



Dimensions



AIR CAP Conversion Kit

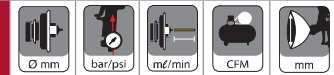


SPARE PARTS

Ref.	Code	Description	
21	93984880	AIR CAP COVER SET	WA-M220L
21-1	93512600	AIR CAP PACKING	WA-M220L
	5488	MANIFOLD UNIT SET	
3-1	96639506	O RING	
3-2	93570630	PLUG	
3-3	93570640	O RING	
3-4	93765610	NEEDLE PACKING CARTRIDGE	
3-5	93008640	SPRAY GUN UNIT SEAL	
3-6	96365043	HEX SOCKET HEAD BOLT	
4	93008650	PISTON SET	
4-1	93903440	PISTON PACKING SET	2 pcs./1 pk.
4-2	96631005	O RING	
4-3	93008670	AIR VALVE	
5	93514580	NEEDLE SPRING	
6	93513580	PISTON SPRING	
7	93565630	FLUID ADJUSTMENT SET	
7-1	96666015	BALL	
7-2	93104420	FLUID ADJUSTMENT SPRING	
8	93010400	FILLER NUT BLOCK	
9	93009680	WING BOLT SET	
10	93009690	WASHER	
11	93009620	PATTERN ADJ. SET	
13	93009580	TURN SHAFT WASHER	
14	W3COM2051	RETAINING RING	
15	93009640	MANIFOLD SEAL	



TECHNICAL



WA-1218 WA-0915 WA-0609					
WA-1218	0.6	3.0/ 43.5	17	2.6	48
WA-0915	0.5		9	1.9	36
WA-0609	0.5		6	1.7	32

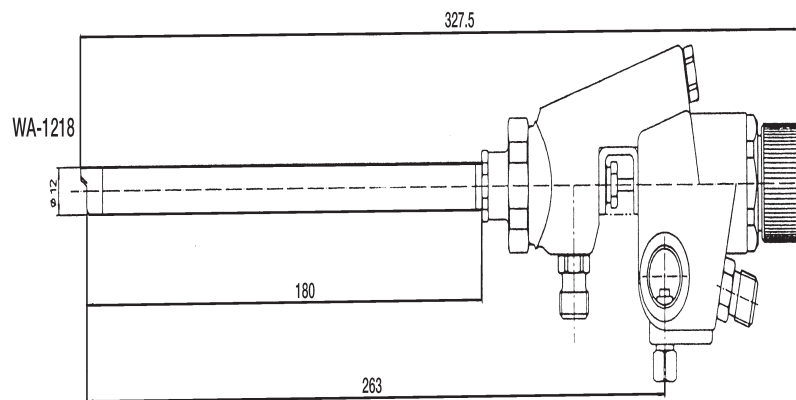
Air Nipple: G1/4" • Fluid Nipple: G1/4"



WA-1218

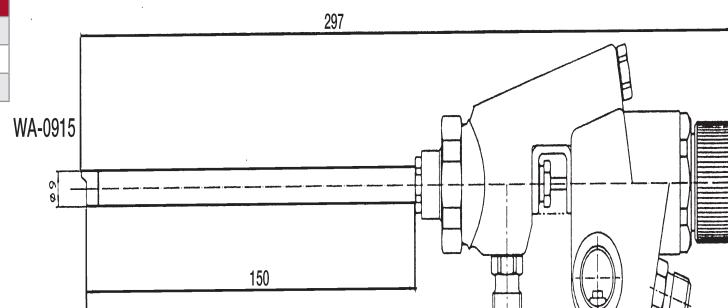
ORDER Information - WA-1218 | WA-0915 | WA-0609

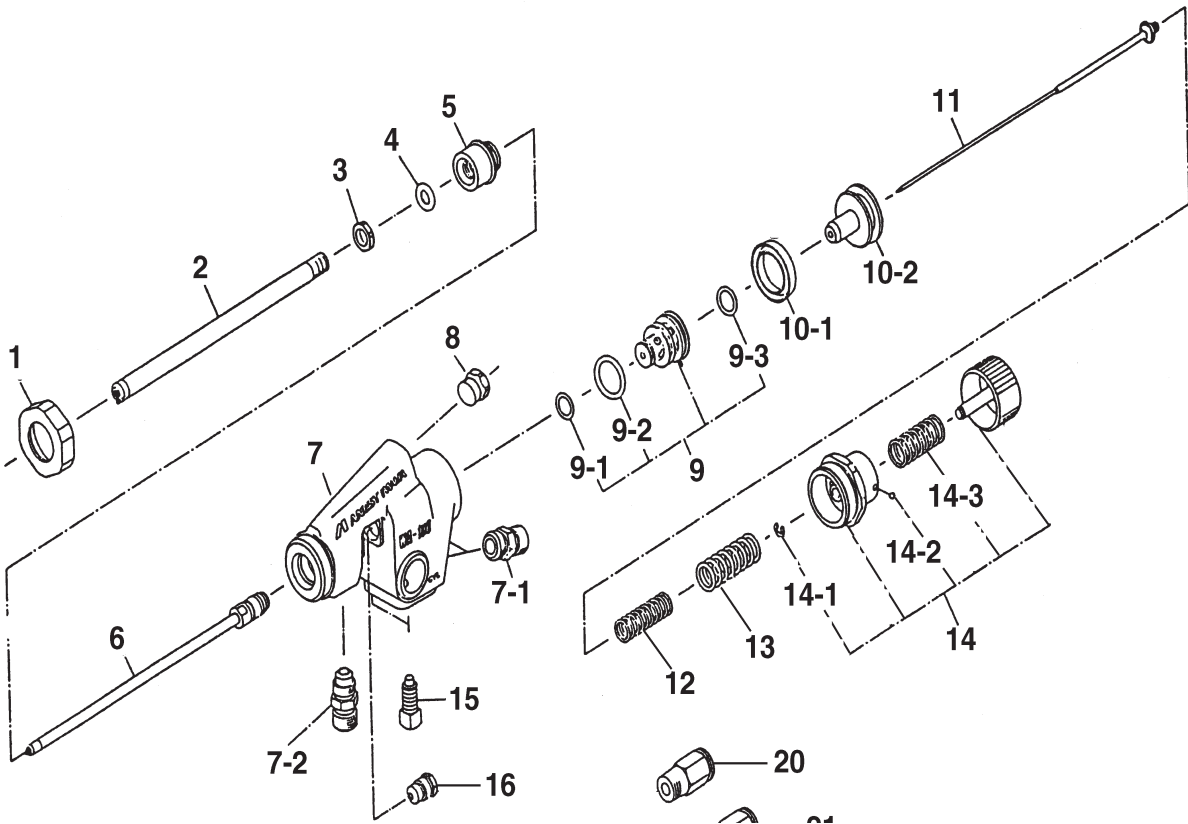
Models	WA-1218	WA-0915	WA-0609	Ref.
	Ø 0.6	Ø 0.5	Ø 0.5	
AUTOMATIC SPRAY GUN	5443	5444	5445	-
AIR PIPE SET	93839620	93842620	-	2
AIR PIPE SET	-	-	93845620	2
FLUID PIPE SET	93840620	93843620	-	6
FLUID PIPE SET	-	-	93846620	6
FLUID NEEDLE SET	93841620	-	93847620	11
FLUID NEEDLE SET	-	93844620	-	11



Dimensions

	Pipe length mm	Pipe diameter Ø mm
WA-1218	180	12
WA-0915	150	9
WA-0609	90	6





SPARE PARTS

Ref.	Code	Description	
1	93850620	COVER	
3	93543620	HEX. NUT	WA-0915
3	03550620	HEX. NUT	WA-0609
3	03535620	HEX. NUT	WA-1218
4	06637609	O RING	WA-0915
4	06637696	O RING	WA-0609
4	06637612	O RING	WA-1218
5	03545620	AIR PIPE SEAT	WA-0915
5	03552620	AIR PIPE SEAT	WA-0609
5	03538620	AIR PIPE SEAT	WA-1218
7-1	03502620	AIR NIPPLE	G 1/4"
7-2	03584530	FLUID NIPPLE	G 1/4" - 1/4"
7-2	03515600S	SPECIAL FLUID NIPPLE (AISI 303)	G 1/4" - G 3/8"
8	93625370	BLANK SCREW	
9	03805620	AIR VALVE SEAT SET	
9-1, 9-2, 9-3	03849620	O RING SET	

Ref.	Code	Description	
10-1	03903440	PISTON PACKING SET	2 pcs./1 pk.
10-2	03511580	PISTON	
12	03514580	NEEDLE SPRING	
13	03513580	PISTON SPRING	
14	93840581	FLUID ADJUSTMENT SET	
14-1	03912030	E STOPPER	2 pcs./1 pk.
14-2	03914730	BALL	2 pcs./1 pk.
14-3	03104420	FLUID ADJ. SPRING	
15	03811580	BOLT SET	
16	93765610	NEEDLE PACKING CARTRIDGE	
17	93522581	COVER	
	96990600	BRUSH	
20	06801162	HALF UNION ø INNER 6 mm	
21	06801182	HALF UNION ø INNER 8 mm	
	93834580	AIR VALVE SEAT AXIS TOOL	



TOF-5B | TOF-5RB | TOF-6B | TOF-6RB



TOF-5B (2 Ways)
TOF-6B (3 Ways)



TOF-5RB (2 Ways)
TOF-6RB (3 Ways)
ROUND PATTERN

FEATURES

SPECIFICS TO ATOMIZE LIQUIDS

- Designed to atomize liquids such as water, oil, ink, adhesives, air fresheners and other chemicals

TECHNICAL



TOF-5B TOF-5RB TOF-6B TOF-6RB				FAN	ROUND	FAN	ROUND	
TOF-5B/5RB TOF-6B/6RB	0.5	05	3.0/43.5	60	2.1	1.4	200	50
TOF-5B/5RB TOF-6B/6RB	1.0	10		250	2.8	1.8	250	70
TOF-5B/5RB TOF-6B/6RB	1.3	13		360	3.5	1.9	350	80
TOF-5B/5RB TOF-6B/6RB	2.0	20		600	4.9	3.0	400	90

Air Nipple: G 1/8" • Fluid Nipple: G 1/8"

ORDER Information - TOF-5B | TOF-5RB | TOF-6B | TOF-6RB

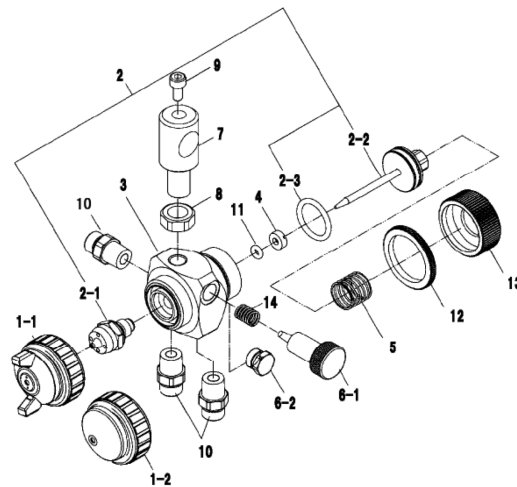
	ø 0.5	ø 1.0	ø 1.3	ø 2.0	Ref.
TOF-5B	5450B	5451B	5452B	5453B	-
TOF-5RB	5455B	5456B	5457B	5458B	-
TOF-6B	5460B	5461B	5462B	5463B	-
TOF-6RB	5465B	5466B	5467B	5468B	-
NOZZLE + PISTON SET	93002800	93002710	93002600	93002750	2
AIR CAP SET TOF-5B/6B	93031982	93038982	93001982	93047982	1
AIR CAP SET TOF-5RB/6RB	93061982	93063982	93055982	93065982	1-2

ORDER Information - TOF-5 | TOF-5R | TOF-6 | TOF-6R

	ø 0.5	ø 1.0	ø 1.3	ø 2.0	Ref.	Interchangeable B VERSION
NOZZLE + PISTON SET	93033980	93041980	93006980	93049980	2	NOT INTERCHANGEABLE
AIR CAP SET TOF-5/TOF-6	93031980	93038980	93001980	93047980	1	INTERCHANGEABLE
AIR CAP SET TOF-5R/6R	93061980	93063980	93055980	93065980	1-2	

SPARE PARTS (VERSION B)

Ref.	Code	Description
2-3	93903980	O-RING (2 pcs./1 pk.)
4	93015980	O-RING SEAT
5	93195980	PISTON SPRING
6-1	93002650	PATTERN ADJ. SET
6-1	93057980	PLUG
7	93002671	HOLDER
8	93213981	HEXAGON NUT
9	96350612	BOLT
10	93023980	NIPPLE
11	96997085	O-RING
12	93024980	JAM NUT
13	93002680	FLUID ADJ. KNOB
14	93002660	SPRING



SPARE PARTS

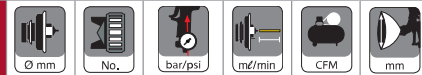
(PREVIOUS VERSION - NOT SHOWN)

Ref.	Code	Description
6-1	93016980	PATTERN ADJUSTMENT SET
7	93021981	HOLDER
9	96365060	BOLT
12	93024980	JAM NUT
13	93025980	FLUID ADJ. KNOB
14	93028980	NUT
15	93030980	JOINT





TECHNICAL

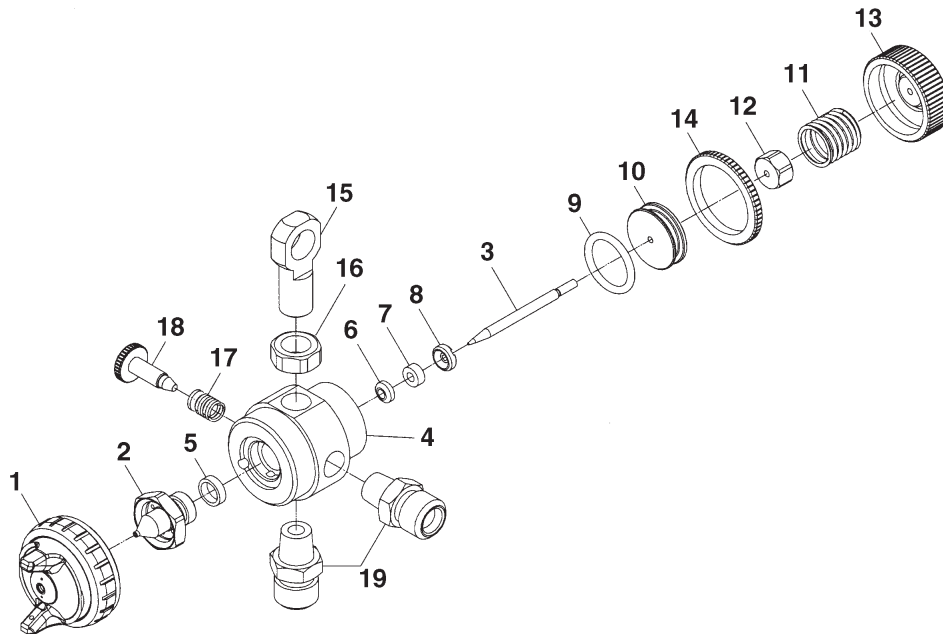


SGA-101						
SGA-101	1.0	E1	3.0/43.5	95	2.8	250

Air Nipple: G1/4" • Fluid Nipple: G1/4"

ORDER INFORMATION - SGA-101

Code	Description
5442B	SGA-101 AUTOMATIC SPRAY GUN



SPARE PARTS

Ref.	Code	Description	
1	93689610	AIR CAP - E1	
2	93044980	FLUID NOZZLE	
3	93060980	FLUID NEEDLE	
5	93902980	PACKING SET	2 pcs./1 pk.
6-7	93900981	FLUID NEEDLE PACKING SET	
8	93093160	NEEDLE PACKING SEAT	
9	93903980	O RING SET	2 pcs./1 pk.
10	93220980	PISTON	
11	93223980	SPRING	

Ref.	Code	Description	
12	93091980	NUT	
13	93105981	FLUID ADJ. KNOB	
14	93024980	JAM NUT	
15	93240981	BOLT	
16	93213981	HEXAGON NUT	
17	93248980	SPRING	
18	93120981	SPREAD ADJUST VALVE	
19	94013152	JOINT	



COG-A200 | COG-R200



COG-A200

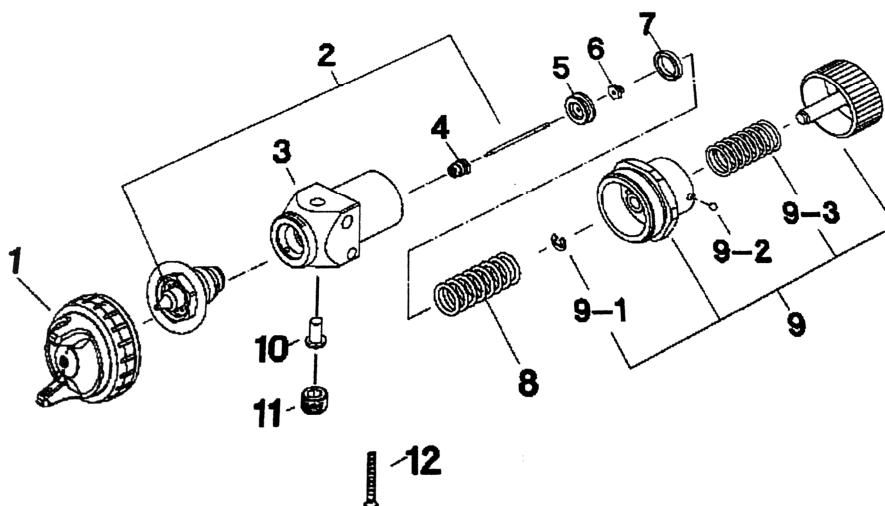
TECHNICAL						
	Ø mm	No.	bar/psi	m ² /min	CFM	mm
COG-A200						
COG-A200-12	1.2	COG-200	2.9/42	150	13.2	265
COG-A200-18	1.8			250		390
COG-R200						
COG-R200-12	1.2	COG-200	2.9/42	150	9.8	265
COG-R200-18	1.8			2/29		250

ORDER Information - COG-A200

	Ø 1.2	Ø 1.8
AUTOMATIC SPRAY GUN	7602	7603
NOZZLE + NEEDLE SET	9COG-A200-12-20	9COG-A200-18-20
AIR CAP SET	9COG-200-18-10	

ORDER Information - COG-R200

	Ø 1.2	Ø 1.8
AUTOMATIC SPRAY GUN	7604	7605
NOZZLE + NEEDLE SET	9COG-R200-12-20	9COG-R200-18-20
AIR CAP SET	9COG-200-18-10	

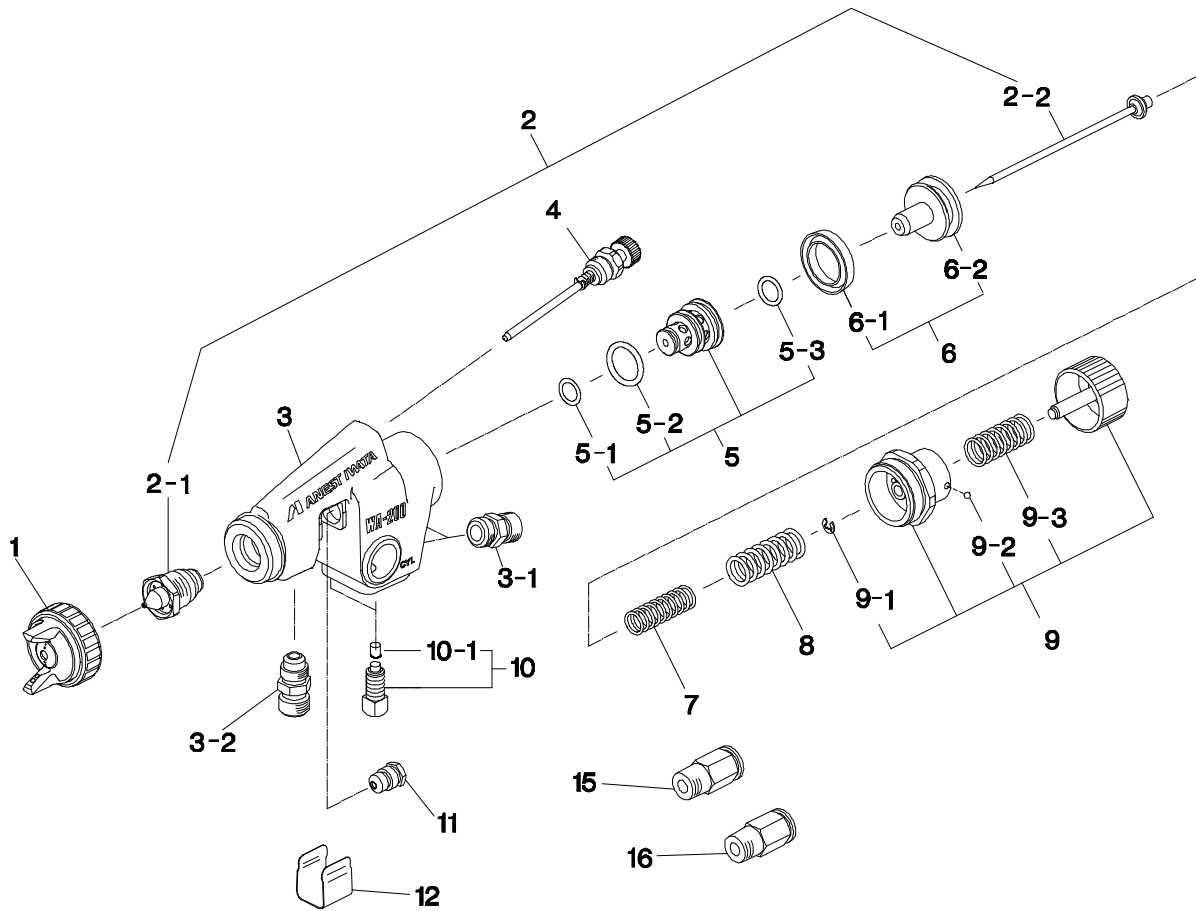


SPARE PARTS COG-R200

Ref.	Code	Description
1	9COG-200-18-10	COG-200 AIR CAP ASSY
2	9COG-R200-12-20	COG-R200 NOZZLE/NEEDLE ASSY 1.2
2	9COG-R200-18-20	COG-R200 NOZZLE/NEEDLE ASSY 1.8
4	93847580	NEEDLE PACKING SET
5	93629570	PISTON
6	93455230	NUT
7	93903440	PISTON PACKING (PACK OF 2)

Ref.	Code	Description
9	93840581	FLUID ADJUST SET W/ RATCHET
9-1	93912030	E STOPPER (PACK OF 2)
9-2	93914730	STEEL BALL (PACK OF 2)
9-3	93104420	FLUID ADJUST SPRING
10	93526620	PLUG
11	96990440	PLUG
12	96172529	SCREW





SPARE PARTS COG-A200

Ref.	Code	Description
1	9COG-200-18-10	COG-200 AIR CAP ASSY
2	9COG-A200-12-20	COG-A200 NOZZLE/NEEDLE ASSY 1.2
2	9COG-A200-18-20	COG-A200 NOZZLE/NEEDLE ASSY 1.8
3-1	93502620	AIR NIPPLE
3-2	93515600	FLUID NIPPLE
4	93812621	SPREAD ADJUST SET
5	93805620	AIR VALVE SEAT SET
6-1	93903440	PISTON PACKING (PACK OF 2)
6-2	93511580	PISTON
7	93514580	NEEDLE SPRING
8	93513580	PISTON SPRING
9	93840581	FLUID ADJUST SET W/ RATCHET
9-1	93912030	E STOPPER (PACK OF 2)

Ref.	Code	Description
9-2	93914730	STEEL BALL (PACK OF 2)
9-3	93104420	FLUID ADJUST SPRING
10	93811580	BOLT SET (PACK OF 2)
10-1	93810580	BOLT CAP (PACK OF 2)
11	93765610	NEEDLE PACKING SET
12	93522581	COVER
15	96801162	HALF UNION
16	96801182	HALF UNION
	93849620	O RING SET
	93834580	AIR VALVE SEAT AXIS
	9COG-A200-12-50	COG-A200-12 CONVERSION ASSY
	9COG-A200-18-50	COG-A200-18 CONVERSION ASSY





Pressure Pots

Diaphragm Pumps



DPS-120 | DPS-90

DDP-90F.TE



Pump Unit

FEATURES

- Double Diaphragm Paint Pumps are the perfect choice for fluid delivery to manual and automatic spray guns
- Pneumatic pump control with double spool air circuit promises an excellent finish
- The pneumatic control system prevents forced stoppage of the pump
- Dead storage material channels and easily collapsible pump structure facilitate cleaning, inspection and maintenance
- Wear-resistant pump assembly
- Available also with a 2-way connection (Aluminum & Stainless Steel models)

DDP-120B.TE



Pump Unit

TECHNICAL DATA	DPS-120C.TE	DPS-90G.TE
Ratio	1:1	
Max. Working Pressure	7 bar (100 psi)	
Fluid Output at 30 cyc/min.	4,5 lt./min	1,5 lt./min
Fluid Output at 200 cyc/min. max.	30 lt./min	10 lt./min
Paint Viscosity	85 sec/Ford#4	
Working Temperature	5-40 C°	
Paint Outlet Filter	100 mesh	
Siphon Paint Filter	50 mesh	

on Stand

on Tank Mount

on Cart

on Wall Mount

ASSEMBLY



ORDER Information	DPS-120		DPS-90	
UNIT ASSEMBLY	MODELS	Code	MODELS	Code
PUMP UNIT	DDP-120BN	8143B	DDP-90FN	8134F
STAND MOUNT	DPS-1201CN	8181	DPS-901GN	8171
PAIL MOUNT	DPS-1202CN	8182	DPS-902GN	8172
CART MOUNT	DPS-1203CN	8183	DPS-903GN	8173
WALL MOUNT	DPS-1204CN	8184	DPS-904GN	8174
PAINT PRESSURE REGULATOR	PR-5BN	8060B	PR-5BLN	8077B

STAINLESS STEEL



DDP-70B.TE



Pump Unit



Paint Pressure Regulator

FEATURES

- Double Diaphragm Paint Pumps are the perfect choice for fluid delivery for manual and automatic spray guns
- Pneumatic pump control with Double Spool air circuit promises an excellent finish
- The pneumatic control system prevents forced stoppage of the pump
- Dead storage material channels and easily collapsible pump structure facilitate cleaning, inspection and maintenance
- Wear-resistant pump assembly
- Available also with a 2-way connection

TECHNICAL DATA	DPS-70C.TE
Ratio	1:1
Max. Working Pressure	7 bar (100 psi)
Fluid Output at 200 cyc/min. max.	6 lt./min
Paint Viscosity	60 sec/Ford#4
Working Temperature	5~40 C°
Paint Outlet Filter	100 mesh
Siphon Paint Filter	50 mesh

on Stand

on Tank Mount

on Cart

on Wall Mount

ASSEMBLY



ORDER Information	DPS-70C		DPS-70CN	
UNIT ASSEMBLY	MODELS	Code	MODELS	Code
PUMP UNIT	DDP-70B	14068640	DDP-70BN	8135B
STAND MOUNT	DPS-701C	14069060	DPS-701CN	8191
PAIL MOUNT	DPS-702C	14069140	DPS-702CN	8192
CART MOUNT	DPS-703C	14069220	DPS-703CN	8193
WALL MOUNT	DPS-704C	14069300	DPS-704CN	8194
PAINT PRESSURE REGULATOR	PR-5BL	8281	PR-5BLN	8077B

UNIT ASSEMBLY	Dimensions (mm)	Weight (kg)	Dimensions (mm)	Weight (kg)	Dimensions (mm)	Weight (kg)
On Stand	409x358x806	10.5 (C) 13.9 (CN) 10.5 (C-WB)	409x358x764	9.6 (G) 11.7 (GN) 9.6 (G-WB)	410x358x700	6.0 (C) 7.4 (CN)
On Tank Mount	357x312x798	9.6 (C) 12.1 (CN) 9.6 (C-WB)	357x312x756	8.7 (G) 10.8 (GN) 8.7 (G-WB)	357x312x683	5.1 (C) 6.5 (CN)
On Cart w/Dip tube	437x452x868	13.0 (C) 15.5 (CN) 13.0 (C-WB)	437x452x868	12.1 (G) 14.2 (GN) 12.1 (G-WB)	439x452x868	8.5 (C) 9.9 (CN)
On Wall Mount	363x214x534	9.5 (C) 12.0 (CN) 9.5 (C-WB)	363x214x492	8.6 (G) 10.7 (GN) 8.6 (G-WB)	364x214x428	5.0 (C) 7.1 (CN)
On Cart w/Hopper	526x528x868	13.0 (C) 15.5 (CN) 13.0 (C-WB)	526x528x868	12.1 (G) 14.2 (GN) 12.1 (G-WB)	573x555x868	8.5 (C) 9.9 (CN)

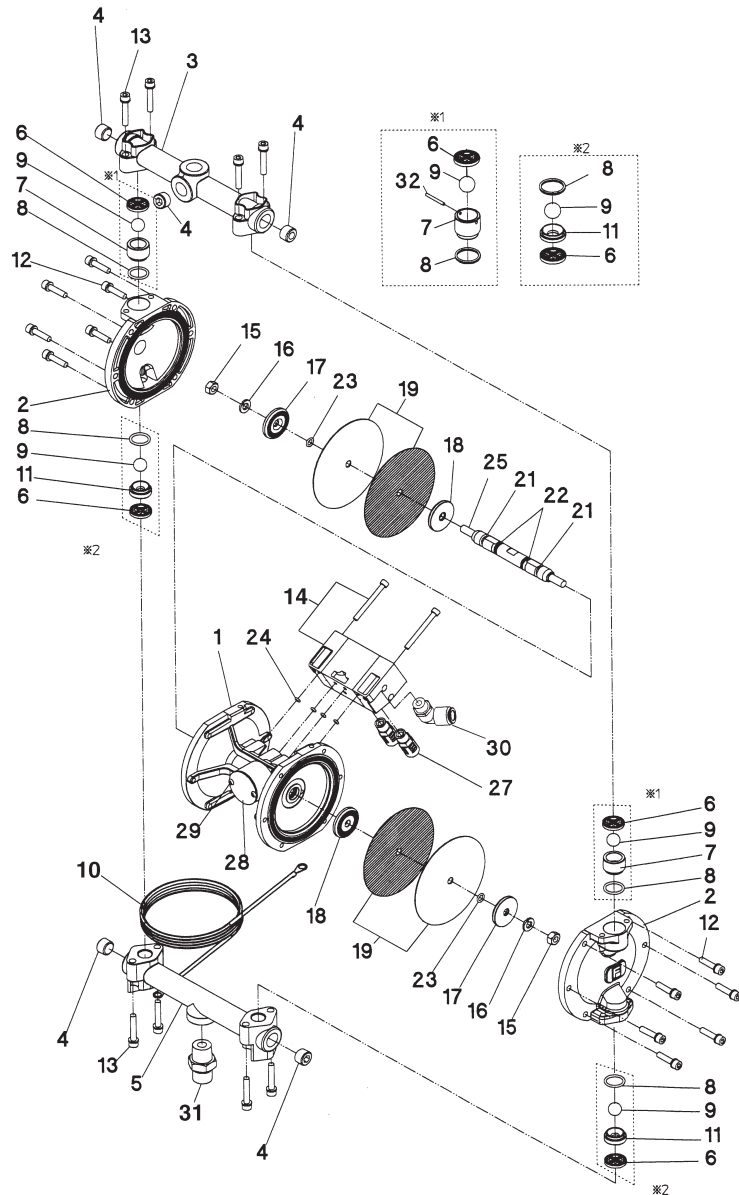
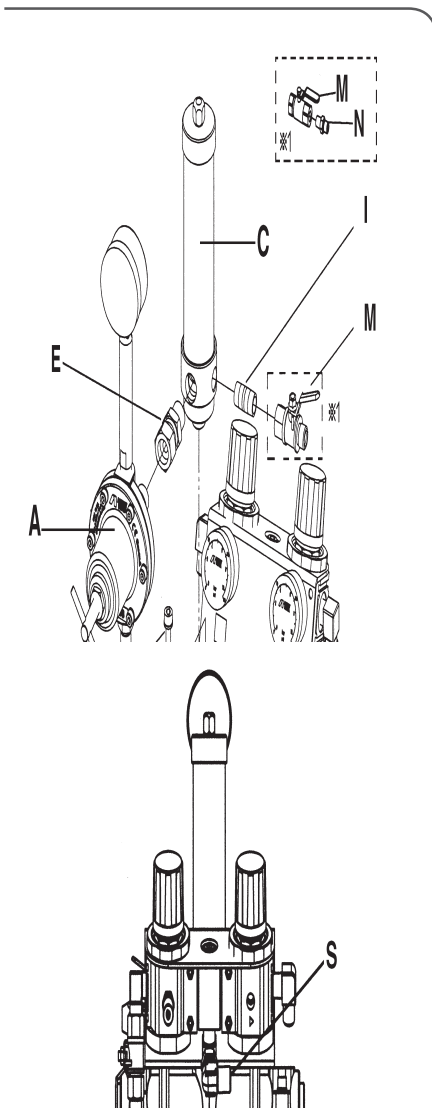
Dimensions & Weight

ACCESSORIES

Ref.	Code	Description	for Models
A	8281	PAINT REGULATOR SET PR-5BL	for Aluminum
A	8077B	PAINT REGULATOR SET PR-5BLN	for Stainless Steel
C	94493020	PAINT FILTER SET	
E	06859803	SWIVEL JOINT	for DPS 120-1C/-2C/-3C/-4C/-36C_DPS 90-1G/-2G/-3G/-4G/-36G
E	06859591	SWIVEL JOINT	for DPS 120-1CN/-2CN/-3CN/-4CN/-36CN and -WB_DPS 90-1GN/-2GN/-3GN/-4GN/-36GN and -WB
F	06357501	HEX. SOCKET BOLT WITH WASHER	
G	04493000	CONNECTING BOLT	
I	06642002	NIPPLE	
M	04432650	BALL VALVE	for DPS120-1C/-2C/-3C/-4C/-36C and DPS90-1G/-2G/-3G/-4G/-36G
M	04433630	BALL VALVE	for DPS 120-1CN/-2CN/-3CN/-4CN/-36CN and -WB_DPS 90-1GN/-2GN/-3GN/-4GN/-36GN and -WB
N	94343310	JOINT G1/4"R1/4"	for DPS 120-1CN/-2CN/-3CN/-4CN/-36CN and -WB_DPS 90-1GN/-2GN/-3GN/-4GN/-36GN and -WB
O	04494040	PIPE	
P	06994758	WASHER BOLT	
S	06859563	ELBOW UNION	for DPS 120-4C/-4CN and DPS 90-4G/-4GN



Accessories



SPARE PARTS

Ref.	Code	Description	Qty.	DDP-90F	DDP-90FN	DDP-120B	DDP-120BN
1	94410622	MAIN BODY		X	X		
1	94437632	MAIN BODY				X	X
2	94456582	LID		X			
2	94414592	LID			X		
2	94439631	LID				X	
2	94453660	LID					X
3	94452640	UPPER ADAPTOR		X		X	
3	94414650	UPPER ADAPTOR			X		X
4	96990413	HEXAGON SOCKET PLUG		X		X	
4	96367202	HEXAGON SOCKET PLUG			X		X
5	94441630	LOWER ADAPTOR		X		X	
5	94416592	LOWER ADAPTOR			X		X
6	94935620	PACKING SET	2 pcs./1 pk	X	X		
6	94933290	PACKING SET	2 pcs./1 pk			X	X
7	94931630	EXHAUST VALVE	2 pcs./1 pk	X	X		
7	94935290	EXHAUST VALVE	2 pcs./1 pk			X	X
8	94932630	O-RING SET	2 pcs./1 pk	X	X		
8	94930300	O-RING SET	2 pcs./1 pk			X	X
9	94930630	STEEL BALL SET	2 pcs./1 pk	X	X		
9	94934290	STEEL BALL SET	2 pcs./1 pk			X	X
10	04492830	GROUND WIRE		X	X	X	X
11	94933630	INTAKE VALVE	2 pcs./1 pk	X	X		
11	94446630	INTAKE VALVE	2 pcs./1 pk			X	X
12	96357500	HEX. SOCKET BOLT WITH WASHER		X	X	X	X
13	96357502	HEX. SOCKET BOLT WITH WASHER		X	X	X	X
14	94490631	AIR OPERATING VALVE SET		X	X	X	X
15	96361081	HEX. NUT		X	X	X	X
16	96362080	SPRING WASHER		X	X	X	X
17	94414600	DIAPHRAGM HOLDER(OUTER)		X	X		
17	94448630	DIAPHRAGM HOLDER(OUTER)				X	X
18	94453581	DIAPHRAGM HOLDER(INNER)		X	X		
18	94449631	DIAPHRAGM HOLDER(INNER)				X	X
19	94931620	DIAPHRAGM SET	2 in+2 out	X	X		
19	94932301	DIAPHRAGM SET	2 in+2 out			X	X
21	96996610	Y PACKING		X	X	X	X
22	96630011	O-RING		X	X	X	X
23	96630008	O-RING		X	X	X	X
24	96630004	O-RING		X	X		
24	96630006	O-RING				X	X
25	94431590	ROD		X	X	X	X
27	94432590	MUFFLER		X	X	X	X
28	94456570	BLANKING COVER		X	X	X	X
29	96234002	TAPPING SCREW		X	X	X	X
30	06800202	ELBOW UNION		X	X	X	X
31	94427640	JOINT		X		X	
31	94428640	JOINT			X		X
32	94444630	PIN				X	X



ACCESSORIES

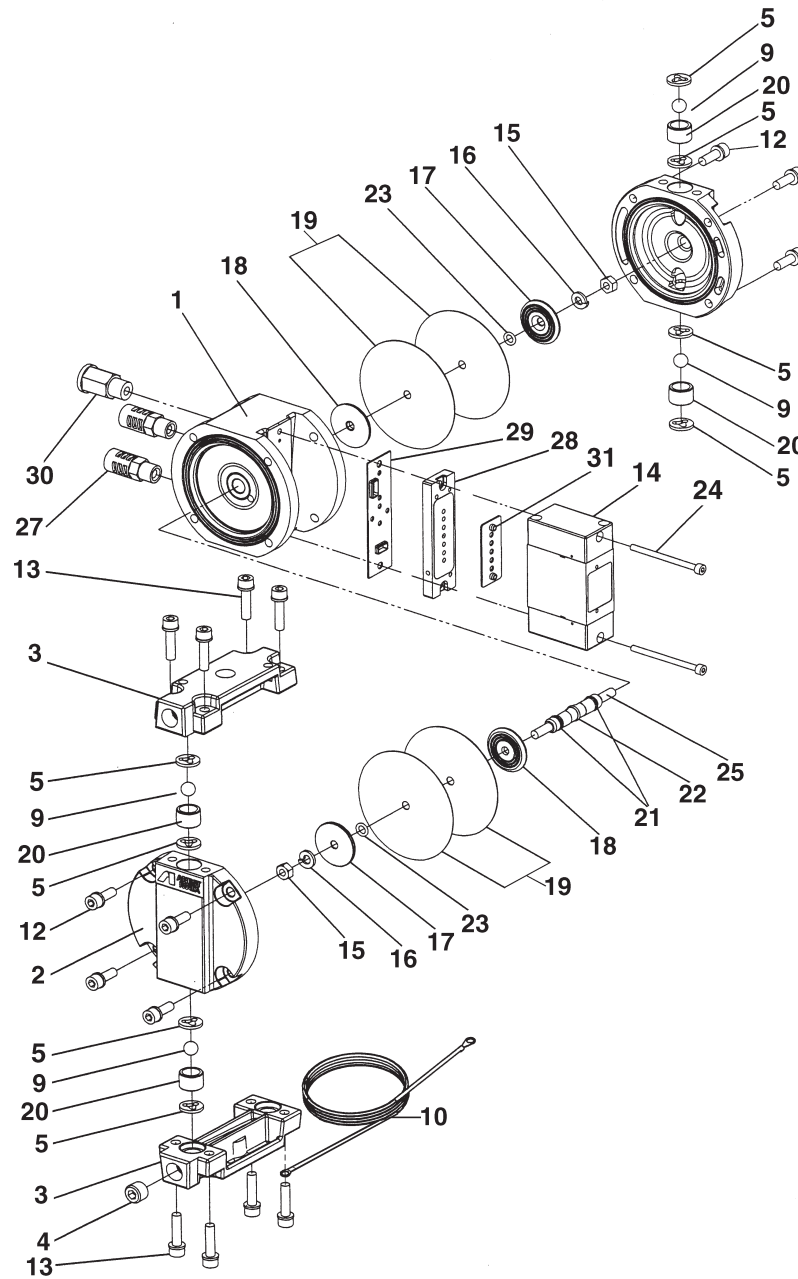
Ref.	Code	Description	for Models
A	8281	PAINT REGULATOR SET PR-5BL	for Aluminum
A	8077B	PAINT REGULATOR SET PR-5BLN	for Stainless Steel
D	06646002	STREET ELBOW	
E	06859557	MALE-FEMALE UNION	DPS 701C/702C/704C
E	06859558	MALE-FEMALE UNION	DPS 701CN/702CN/703CN/7036CN/704CN
F	06357501	HEX. SOCKET BOLT WITH WASHER	
M	04432650	BALL VALVE	DPS 701C/702C/703C/704C/7036C
M	04433630	BALL VALVE	DPS 701CN/702CN/703CN/7036CN/704CN
N	94343310	JOINT G1/4" R1/4"	
O	04492930	TUBE	
P	06994756	WASHER BOLT	
R	06859538	ELBOW UNION 1/4" M - 1/4" M	DPS 701C/702C/704C
R	04435630	ELBOW UNION 1/4" M - 1/4" M	DPS 701CN/702CN/703CN/7036CN/704CN
S	06859563	ELBOW UNION Rc1/4" F - 1/4" M	DPS 704C/704CN
T	04492790	ELBOW UNION Rc 3/8" F - 3/8" M	DPS 702C/702CN



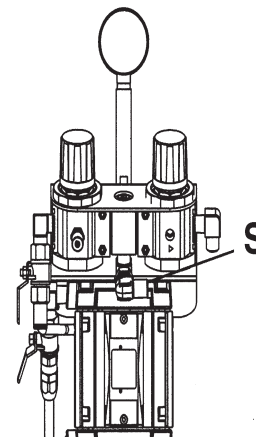
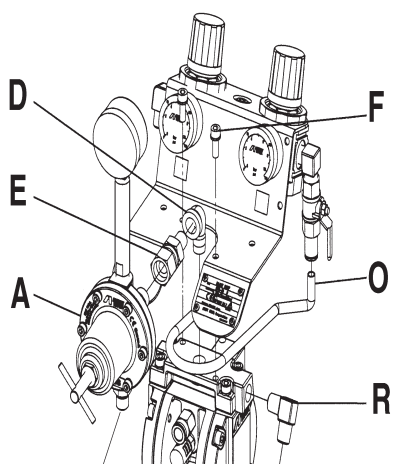
SPARE PARTS

Ref.	Code	Description	Qty.	DDP-70B	DDP-70BN
1	94943570	MAIN BODY		X	X
2	94402581	LID		X	
2	94409720	LID			X
3	94400583	ADAPTOR		X	
3	94409710	ADAPTOR			X
4	96990412	HEXAGON SOCKET PLUG		X	
4	96367201	HEXAGON SOCKET PLUG			X
5	94932320	PACKING SET	4 pcs./1 pk.	X	X
9	94932330	STEEL BALL SET	2 pcs./1 pk.	X	X
10	04492830	GROUND WIRE		X	X
12	06357501	HEX. SOCKET BOLT WITH WASHER		X	X
13	96357500	HEX. SOCKET BOLT WITH WASHER		X	X
14	04409650	AIR OPERATING VALVE SET		X	X
15	96361060	HEX. NUT		X	X
16	06362060	SPRING WASHER		X	X
17	94401592	DIAPHRAGM HOLDER (outer)		X	X
18	94402592	DIAPHRAGM HOLDER (inner)		X	X
19	94932340	DIAPHRAGM SET (outer)	2 pcs./1 pk.	X	X
20	94932310	SEAT	2 pcs./1 pk.	X	X
21	96996611	Y PACKING		X	X
22	96996640	PSD PACKING		X	X
23	96630006	O RING		X	X
24	96356503	BOLT WITH HEX. HOLE		X	X
25	94405581	ROD		X	X
27	94432590	MUFFLER		X	X
28	94944571	SUB PLATE		X	X
29	94405591	GASKET		X	X
30	96801202	HALF UNION		X	X
31	94409660	PACKING		X	X





Accessories

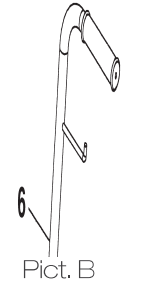


"S" Elbow Union for Air Connection

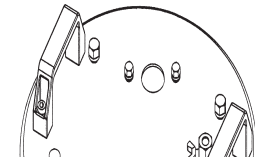


SPARE PARTS AND ACCESSORIES		
Code	Description	
FOR ALL CART TYPES (Pict. A):		
94492770	WHEEL CART SET	
04493910	AXLE	1
06991938	"U" BOLT	2
06659020	SNAP PIN	3
06475122	WASHER	4
07990213	SOLID TIRE	5
04493920	HANDLE	6
06994758	BOLT + WASHER	7
06382082	HEX. NUT	8
06357501	HEX. SOCKET BOLT WITH WASHER	9
06382062	HEX. NUT	10
FOR ALL TANK TYPES (Pict. B):		
94492780	LID SET	
FOR ALL WALL BRACKET TYPES (Pict. C):		
04459630	WALL MOUNTING BRACKET	
06859563	ELBOW UNION (FOR AIR CONNECTION)	
HOPPER SET		
8147	HOPPER SET FOR DPS903/1203	
REGULATOR SET FOR TWO GUNS (Pict. D):		
8066B	2 GUN SETUP WITH 1 PR-5 REGULATOR	

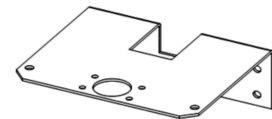
Pict. A



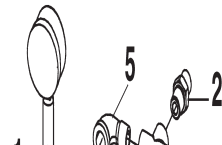
Pict. B



Pict. C

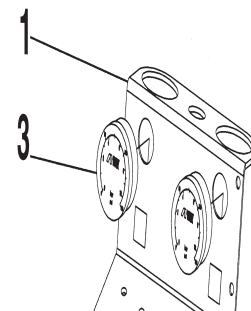
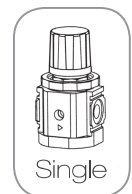


Pict. D
Stainless Steel type



AIR REGULATOR SET		
Code	Description	Ref.
04492860	PANEL	1
04492870	AIR REGULATOR SET (2 REGULATORS SET)	2
04492890	AIR REGULATOR (SINGLE)	
04492910	PRESSURE GAUGE	3
06858202	ELBOW R1/4" G1/4"	4
06859538	ELBOW R1/4" R1/4"	5
04492920	BALL VALVE RC1/4" R1/4"	6
06809136	FEMALE UNION Ø10 X RC1/4"	7
04492940	SAFETY VALVE	8

Air Regulator



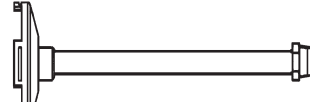
SUCTION HOSE & DRAIN HOSE SET

Code	Description	Ref.
SUCTION HOSE SET FOR CART TYPE (A) - STAND TYPE (B) - WALL BRACKET TYPE (D)		
04493830	SUCTION HOSE FOR ALUMINUM MODEL	Pict. 1
04494060	SUCTION HOSE FOR STAINLESS STEEL AND ANODIZED ALUMINUM MODEL	Pict. 1
04437930	SUCTION HOSE FOR DPS 701C/703C/704C/7036C- /CN STAINLESS STEEL	Pict. 1
SUCTION PIPE SET FOR TANK TYPE (C)		
04493670	SUCTION PIPE FOR ALUMINUM MODEL	Pict. 2
04404210	SUCTION PIPE FOR STAINLESS STEEL AND ANODIZED ALUMINUM MODEL	Pict. 2
04437830	SUCTION PIPE FOR DPS 704C- /CN STAINLESS STEEL	Pict. 2
SUCTION FILTER SET FOR ALL TYPES		
04637780	SUCTION FILTER	Pict. 3
0040720100	FILTER (50 mesh)	1
00407203	FILTER STOPPER	2
DRAIN HOSE SET FOR CART TYPE (A) - STAND TYPE (B) - WALL BRACKET TYPE (D)		
04493850	DRAIN HOSE FOR ALUMINUM MODEL	Pict. 4
04494090	DRAIN HOSE FOR STAINLESS STEEL AND ANODIZED ALUMINUM MODEL	Pict. 4
04493571	DRAIN HOSE FOR ALUMINUM MODEL	Pict. 5
04494220	DRAIN HOSE FOR STAINLESS STEEL AND ANODIZED ALUMINUM MODEL	Pict. 5
DRAIN HOSE SET FOR HOPPER TYPE (E)		
04400280	DRAIN HOSE	Pict. 6

Pict. 1



Pict. 2



Pict. 3



Pict. 4



Pict. 5



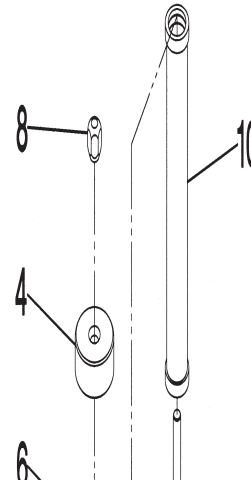
Pict. 6



PAINT FILTER SET

Code	Description	Ref.
04493020	PAINT FILTER SET	
04493030	BODY	1
04493040	FILTER BOLT	2
04493050	CYLINDER	3
04493060	CYLINDER CAP	4
04493070	PACKING	5
04493080	PACKING	6
04493090	JOINT	7
04493800	BOLT CAP	8
06583006	SPRING PIN	9
VFM2503	FILTER (100 MESH)	10

Paint Filter



Paint Flow Control Valve

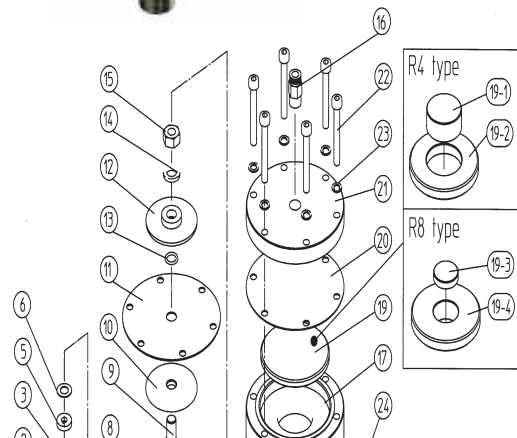
FCV-31 FCV-31 N-S1-R4 / -R8			
Code	Description	Type	Ref.
6762	FCV-31 PAINT FLOW CONTROL VALVE		
6765	FCV-31N PAINT FLOW CONTROL VALVE (STAINLESS STEEL)		
6766	FCV 31N-R4 PAINT FLOW CONTROL VALVE (STAINLESS STEEL)		
6767	FCV 31N-R8 PAINT FLOW CONTROL VALVE (STAINLESS STEEL)		
94700450	JOINT		1
94701451	VALVE SPRING		2
94702450	CARBIDE BALL		3
96639514	O RING		4
94703450	SEAT		5
94704450	PACKING		6
94731450	HEXAGON NUT		7
94705451	BODY		8
94707450	DIAPHRAGM BOLT		9
94708450	DIAPHRAGM HOLDER		10
94976440	DIAPHRAGM		11
94709451	DIAPHRAGM STOPPER		12
96995905	O RING		13
06500802	SPRING WASHER		14
96383086	HEXAGON NUT		15
96801161	HALF UNION		16
94757410	DIAPHRAGM CAP		17
06990412	PLUG WITH HEX. HOLE	(FCV-31)	18
96367201	PLUG WITH HEX. HOLE	(FCV-31N-S1)	18
94758410	DIAPHRAGM HOLDER (2) (1 pc.)	(FCV-31N-S1)	19
94768410	PISTON	(FCV-31N-S1-R4)	19-1
94766410	DIAPHRAGM HOLDER (2) (1 pc.)	(FCV-31N-S1-R4)	19-2
94769410	PISTON	(FCV-31N-S1-R8)	19-3
94767410	DIAPHRAGM HOLDER (2) (1 pc.)	(FCV-31N-S1-R8)	19-4
94759410	DIAPHRAGM (2) (1 pc.)		20
94760410	DIAPHRAGM CAP (2) (1 pc.)		21
96350540	BOLT WITH HEX.HOLE		22
96500502	SPRING WASHER		23
06800161	ELBOW UNION		24

FEATURES:

- Max. Flow Rate: 2.0 l/min
- Max. Primary Pressure: 25 bar/362 PSI
- Adj. Air Pressure: 0.0 ~ 6.0 bar/0 ~ 87 PSI
- Fluid Inlet Joint: G 3/8" B
- Fluid Outlet Joint: Rc 1/4"
- Air Hose: ϕ 6x4mm
- Mass Aluminum Version: 750 g
- Mass Stainless Steel Version: 950 g



Quick reset system

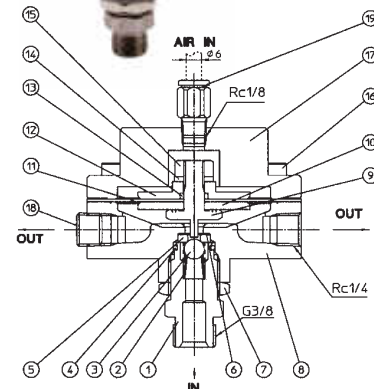


Paint Flow Control Valve

FCV-3		
Code	Description	Ref.
6760	FCV-3 PAINT FLOW CONTROL VALVE	
6761	FCV-3N PAINT FLOW CONTROL VALVE	
94700450	JOINT	1
94701451	VALVE SPRING	2
94702450	CARBIDE BALL	3
96639514	O RING	4
94703450	SEAT	5
94704450	PACKING	6
94731450	HEXAGON NUT	7
94705451	BODY	8
94707450	DIAPHRAGM BOLT	9
94708450	DIAPHRAGM HOLDER	10
94976440	DIAPHRAGM	11
94709451	DIAPHRAGM STOPPER	12
96995905	O RING	13
06500802	SPRING WASHER	14
96383086	HEXAGON NUT	15
96357480	HEXAGON SOCKET BOLT + WASHER	16
94757400	DIAPHRAGM CAP	17
06990412	PLUG	18
96801161	HALF UNION	19

FEATURES:

- Max. Flow Rate: 2.0 l/min
- Max. Primary Pressure: 25 bar/362 PSI
- Max. Air Pressure: 6.0 bar/87 PSI
- Fluid Inlet Joint: G 3/8" B
- Fluid Outlet Joint: Rc 1/4"
- Air Hose: ϕ 6x4 mm
- Mass : 850 g



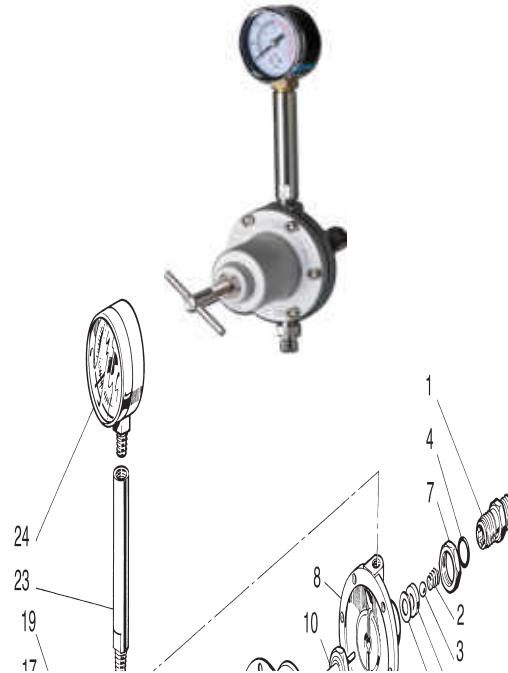
Paint Pressure Regulator

PR-5BL | PR-5BL N

Code	Description	Type	Ref.
8077B	PR-5BLN PAINT PRESSURE REGULATOR (STAINLESS STEEL)		
94700450	JOINT		1
94701451	VALVE SPRING		2
04702450	TUNGSTEN CARBIDE BALL		3
96639514	O RING		4
94703450	CARBIDE SEAT		5
94704450	PACKING		6
94731450	HEXAGON NUT		7
94705451	MAIN BODY	PR-5BL.TE	8
94724451	MAIN BODY	PR-5BLN.TE	8
04754450	JOINT 1/4" - G 3/8"	STAINLESS STEEL	9
94707450	DIAPHRAGM BOLT		10
94708450	DIAPHRAGM HOLDER		11
94976440	DIAPHRAGM		12
94709451	DIAPHRAGM STOPPER		13
96995905	O RING		14
06500802	SPRING WASHER		15
96383086	HEX NUT		16
96357480	BOLT WITH HEX HOLE		17
94720440	ADJ.SPRING		18
94711451	DIAPHRAGM CAP		19
94713450	SPRING HOLDER		20
94717501	HEX NUT		21
94970440	HANDLE SET		22
94725450	RISING PIPE		23
04755451	PRESSURE GAUGE		24

FEATURES:

- Max. Flow rate: 1.5 l/min
- Max. Primary Pressure: 7.0 bar/101 PSI
- Secondary Pressure range: 0.0 ~ 3.0 bar/0 ~ 43 PSI
- Fluid IN/OUT Joint: G 3/8" B
- Mass: 850 g



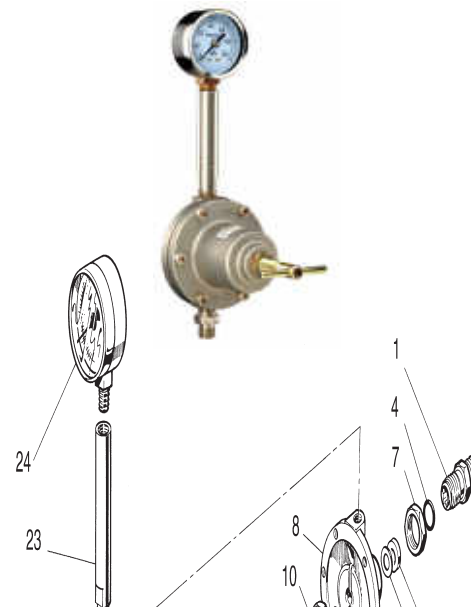
Back Pressure Valve for Paint Recirculation

PR-B5 | PR-B5 BN

Code	Description	Ref.
8078B	PR-B5 BN BACK PRESSURE VALVE (STAINLESS STEEL)	
94700450	JOINT	1
96639514	O RING	4
94703450	CARBIDE VALVE	5
94704450	PACKING	6
94731450	HEXAGON NUT	7
04737450	DIAPHRAGM BOLT	10
94708450	DIAPHRAGM HOLDER	11
94976440	DIAPHRAGM	12
94709451	DIAPHRAGM STOPPER	13
96995905	O RING	14
06500802	SPRING WASHER	15
96383086	HEXAGON NUT	16
96357480	HEXAGON SOCKET BOLT + WASHER	17
94720440	ADJUSTING SPRING	18
94711451	DIAPHRAGM CAP	19
94713450	SPRING STOPPER	20
94717501	HEXAGON NUT	21
94970440	HANDLE SET	22
94725450	RISING PIPE	23
07201092	PRESSURE GAUGE	24
UL30010600	JOINT RC. 1/4" - G 3/8"	25

FEATURES:

- Max. Flow rate: 2.0 l/min
- Max. Primary Pressure: 6.0 bar/87 PSI
- Fluid Inlet joint: G 1/4" B
- Fluid Outlet joint: G 3/8" B
- Mass Aluminum version: 850 g
- Mass Stainless Steel version: 1020 g



PC-18D/DT (max. 3.5 bar / 50.5 PSI)



FEATURES:

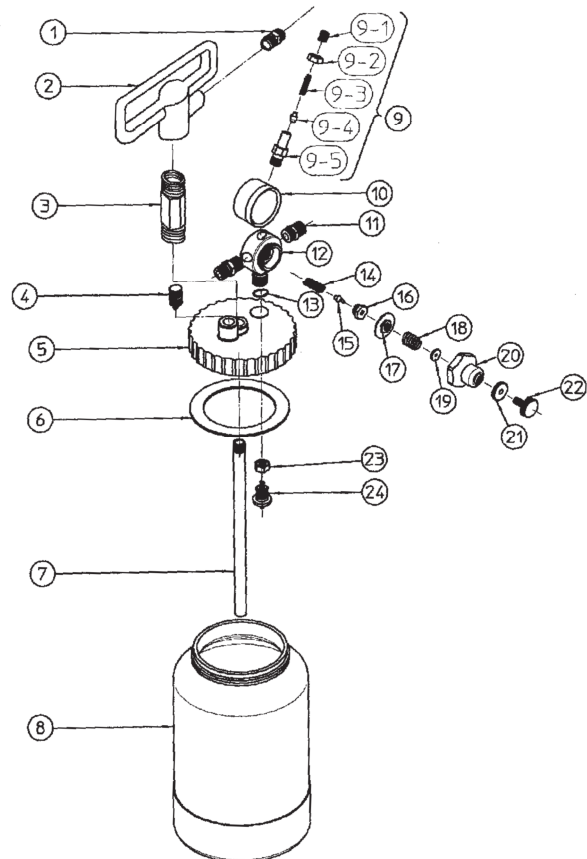
- Max. Operating Pressure: 3.5 bar/50.5 PSI
- Fluid Nipple: G 3/8" (PF3/8)
- Capacity: 2 lt
- Tank: Aluminum
- Temperature Range: 5-40°C / 41-104°F

PC-18DT - PTFE COATED

Ref.	Code	Description
	6003BT	PC-18DT 2 QUART POT PTFE COATED
1	94065350	FLUID JOINT
3	94066350	HANDLE JOINT
7	94067350	SUCTION PIPE
8	94041351	CONTAINER SET
12	94063350	AIR REGULATOR BODY SET
23	94068350	NUT
24	94069350	CHECK VALVE SET

PC-18D

Ref.	Code	Description
	6003B	PC-18D 2 QUART PRESSURE POT
1	94056350	FLUID JOINT
2	94055350	HANDLE
3	94057350	HANDLE JOINT
4	94003350	AIR RELEASE VALVE
5	94053350	LID
6	94900210	LID PACKING (2 pcs./1 pk.)
7	94001350	SUCTION PIPE
8	94000351	CONTAINER SET
9	94007350	SAFETY VALVE
9-1	94012350	PLUG
9-2	94011350	NUT
9-3	94010350	SAFETY VALVE SPRING
9-4	94009350	SAFETY VALVE SPRING SEAT
9-5	94008350	SAFETY VALVE BODY
10	94048400	PRESSURE GAUGE
11	94027350	JOINT
12	94049350	AIR REGULATOR BODY SET
13	96631012	O RING
14	94016350	SPRING
15	94017350	REGULATOR SEAT
16	94018350	GUIDE
17	94019350	DIAPHRAGM SET
18	94023350	DIAPHRAGM SET SPRING
19	94038350	SPRING HOLDER
20	94074350	CAP
21	94025350	NUT
22	94026350	KNOB
23	94058350	NUT
24	94904151	CHECK VALVE SET



PRESSURE TANK PET-10 (max. 4.0 bar / 58 PSI)

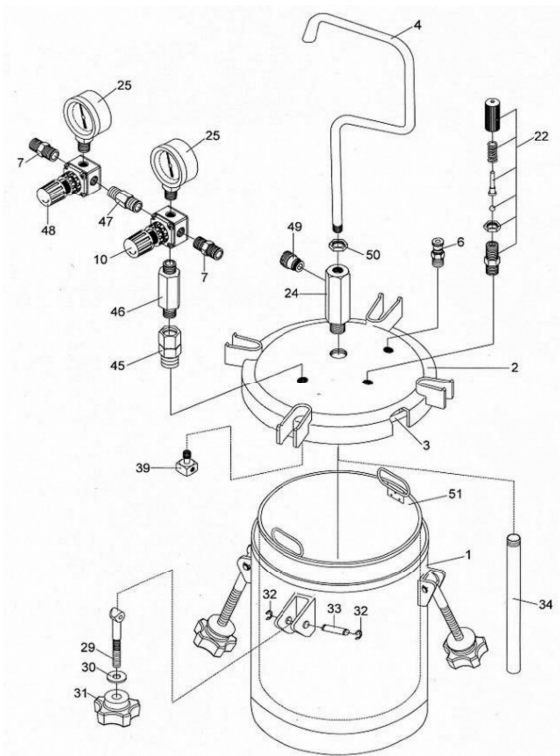


FEATURES:

- Max. Operating Pressure: 4 bar/58 PSI
- Air Inlet/Outlet Joint: G1/4"
- Fluid Outlet Joint: G3/8"
- Capacity: 10 lt
- Inner Tank Cty: 8.5 lt | Stainless Steel
- Weight: 11 Kg
- Dimensions: 310x310x565 mm
- Temperature Range: 5-40°C / 41-104°F



Removable Inner Tank Liner
in Stainless Steel



PET-10 | 10 lt.

Ref.	Code	Description
	6315	PET-10 2 GALLON PRESSURE POT
	04020000	MAIN BODY
2	04020010	LID ASSEMBLY
3	04020200	LID PACKING
4	04020020	HANDLE
6	04020030	EXHAUST VALVE
7	94020210	AIR INLET JOINT / OUTLET JOINT G1/4"
10	94015180	PRESSURE REGULATOR (FOR TANK)
22	04016390	SAFETY VALVE
24	04020040	FLUID OUTLET CONNECTING JOINT SUS 303
25	04016020	PRESSURE GAUGE
29	04020190	HANDLE BOLT
30	04020060	WASHER
31	04020070	THUMB NUT
32	04020220	C-SNAP RING
33	04020230	STUD
34	04020090	SUCTION PIPE SUS 303
39	94016310	AIR FLOW GUIDE
45	94020100	ADAPTER
46	94020110	ADAPTER
47	94020120	ADAPTER
48	04020130	PRESSURE REGULATOR (FOR GUN)
49	04020140	FLUID OUTLET JOINT SUS 303 3/8"
50	04020160	NUT
51	04020170	INNER TANK SUS 304





MEDIUM & HIGH PRESSURE FLUID APPLICATIONS

Airless & Multi Spray Guns



Airless & Multi Spray Units





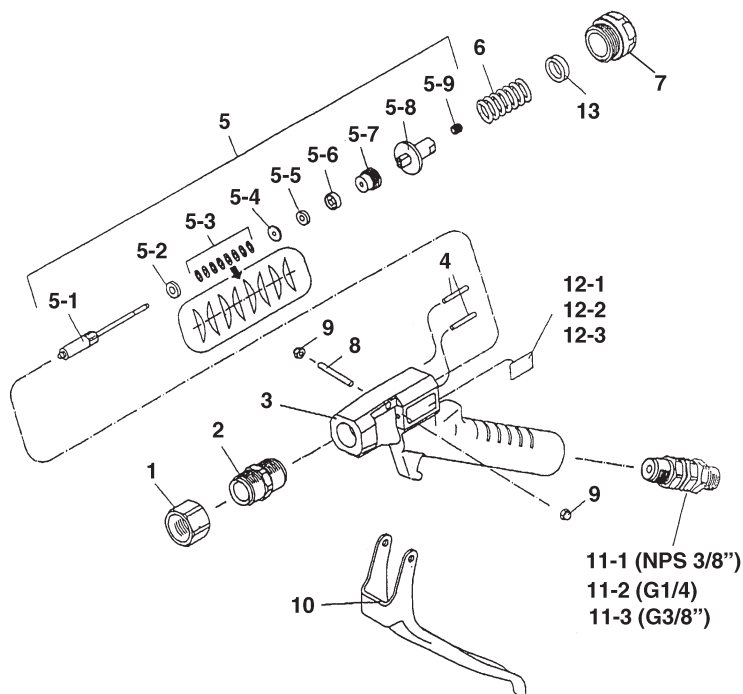
TECHNICAL	bar/psi	Ø mm	g
FG-6	250 / 3,625	3.0	440
FG-61			
FG-62			

FG-61 Air Nipple: G1/4" • FG-62 Fluid Nipple: G3/8"

ORDER Information - FG-6 | FG-61 | FG-62

NOZZLE TIP not INCLUDED

Code	Description
7006B	FG-6 FLOW GUN (NPS 3/8")
7007B	FG-61 FLOW GUN (BSP 1/4")
7005B	FG-62 FLOW GUN (BSP 3/8")



SPARE PARTS

Ref.	Code	Description	
1	93546200	NOZZLE TIP HOLDER	
2	93807200	NOZZLE GLAND SET	
4	93574200	NEEDLE SEAT	
5	93808200	FLUID NEEDLE SET	
5-1	93809200	NEEDLE BAR SET	
5-2	93504180	SPRING HOLDER	
5-3	93844170	CONICAL SPRING WASHER	8 pcs./1 pk.
5-4	93067951	PACKING HOLDER	
5-5, 5-6	93846170	NEEDLE PACKING SET	
5-7	93505180	NEEDLE PACKING SEAT	
5-8	93500190	NEEDLE SPRING HOLDER	

Ref.	Code	Description	
5-9	96994603	SCREW	
6	93501190	NEEDLE SPRING	
7	93502190	NEEDLE SPRING SEAT	
8	93505200	TRIGGER STUD	
9	96994103	HEXAGON CAP NUT	2 pcs./1 pk.
10	93811200	TRIGGER SET	
11-1	93810200	UNIVERSAL JOINT	NPS 3/8"
11-2	93813200	UNIVERSAL JOINT	G 1/4"
11-3	93814200	UNIVERSAL JOINT	G 3/8"
13	93638200	COLLAR (option)	





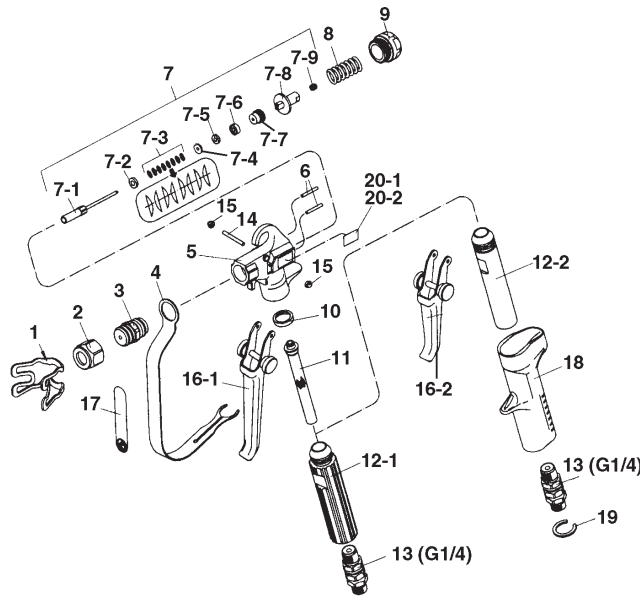
TECHNICAL	bar/psi	mesh	g
ALG-7	250 / 3,600	100	440
ALG-72			415
ALG-73			450

Fluid Nipple: G1/4"

ORDER Information - ALG-7 | ALG-72 | ALG-73

NOZZLE TIP not INCLUDED

Code	Description	
7041	ALG-7 AIRLESS SPRAY GUN	Large Trigger
7003B	ALG-72 AIRLESS SPRAY GUN	Small Trigger
7043	ALG-73 AIRLESS SPRAY GUN	Large Trigger



SPARE PARTS

Ref.	Code	Description	
	03235590	TIP PACKING	
1	93501170	HAND GUARD	
2	93503170	NOZZLE GLAND	11/16"
3	93803170	NOZZLE GLAND SET UNIVERSAL	11/16"
4	93504170	SAFETY GUARD	
6	93502180	NEEDLE SEAT	
7	93807170	NEEDLE SET	
7-1	93808170	NEEDLE BAR SET	
7-2	93504180	SPRING HOLDER	
7-3	93844170	CONICAL SPRING WASHER	8 pcs./1 pk.
7-4	93067951	PACKING HOLDER	
7-5, 7-6	93906100	NEEDLE PACKING SET	
7-7	93505180	NEEDLE PACKING SEAT	
7-8	93500190	NEEDLE SPRING HOLDER	
7-9	96994603	SCREW	

Ref.	Code	Description	
8	93501190	NEEDLE SPRING	
9	93502190	NEEDLE SPRING SEAT	
10	93529180	PACKING	
11	93841170	FILTER 100 Mesh	2 pcs./1 pk.
12-1	93503190	HANDLE	ALG-7, ALG-72
12-2	93511180	HANDLE	ALG-72
12-3	93510190	HANDLE	ALG-73
13	93003951	UNIVERSAL JOINT	G 1/4"
14	93504190	TRIGGER S TUD	
15	96994103	HEX. CAP NUT	
16-1	93805180	TRIGGER SET (LARGE)	ALG-7, ALG-73
16-2	93806180	TRIGGER SET (SMALL)	ALG-72
18	93507190	OUTER HANDLE	
19	93525170	STOPPER	ALG-72



MSGS-200 120S / 120L / 250S / 250L

MSGS-200

MULTI SPRAY SERIES



MSGS-200
120S



MSGS-200
120L



MSGS-200
250S



MSGS-200
250L

FEATURES

- MSGS-200 combines the advantages of airless technology (speed, low overspray) with the advantages of conventional technology (excellent finishing) resulting in a product with high transfer efficiency and excellent finish quality
- Superior Design. Based on the breakthrough design of the SUPERNOVA, the MSGS-200 combines perfect balance and optimal ergonomics
- Chrome plated gun body is easy to clean and maintain
- New air cap configuration creates increased pattern width control
- Quick and easy cap rotation. Plastic protection and PTFE packing make cap adjustment a simple and precise operation
- Soft trigger reduces fatigue

TECHNICAL

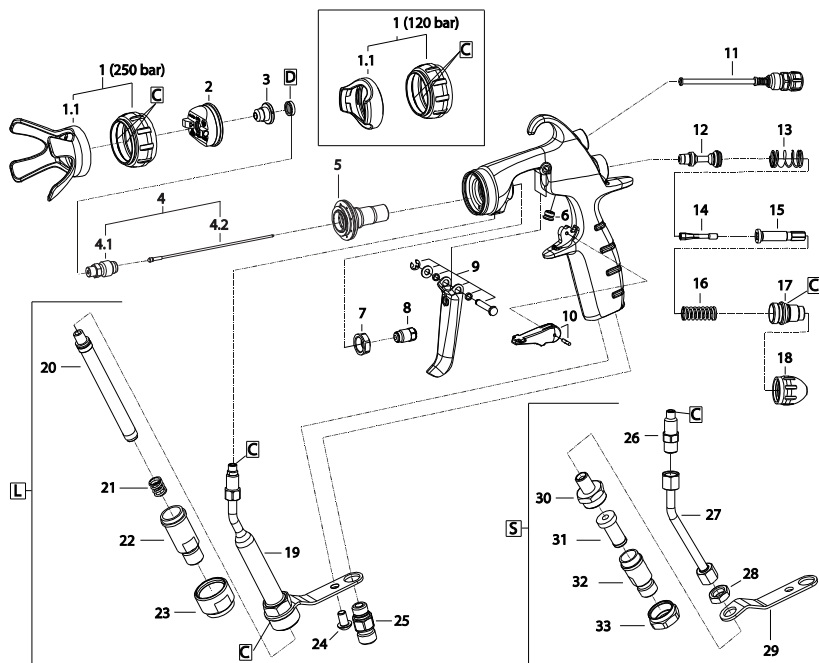
	bar/psi	bar/psi	mesh	g
MSGS-200 120S - Short Filter	1740	7/101.5	100	584
MSGS-200 120L - Long Filter			Not Included	537
MSGS-200 250S - Short Filter	3626	7/101.5	100	587
MSGS-200 250L - Long Filter			Not Included	545

Air Nipple: G1/4" • Fluid Nipple: G1/4"

ORDER Information - MSGS-200 SERIES

NOZZLE TIP not INCLUDED

Code	Description
7506S	MSGS-200 120S MULTI SPRAY GUN with Short Filter
7506L	MSGS-200 120L MULTI SPRAY GUN with Long Filter
7507S	MSGS-200 250S MULTI SPRAY GUN with Short Filter
7507L	MSGS-200 250L MULTI SPRAY GUN with Long Filter



MSGS-200 120S / 120L / 250S / 250L
MSGS-200 - FLUID TIPS RANGE (Ref.3)

∠°	10°	20°	30°	40°	50°	60°	70°	80°	90°
∅ inch	Code	Code	Code	Code	Code	Code	Code	Code	Code
0.007	MST-0710	MST-0720	MST-0730	MST-0740					
0.009	MST-0910	MST-0920	MST-0930	MST-0940	MST-0950				
0.011	MST-1110	MST-1120	MST-1130	MST-1140	MST-1150	MST-1160	MST-1170		
0.013	MST-1310	MST-1320	MST-1330	MST-1340	MST-1350	MST-1360	MST-1370	MST-1380	
0.015	MST-1510	MST-1520	MST-1530	MST-1540	MST-1550	MST-1560	MST-1570	MST-1580	
0.016	MST-1610	MST-1620	MST-1630	MST-1640	MST-1650	MST-1660	MST-1670	MST-1680	MST-1690
0.018		MST-1820	MST-1830	MST-1840	MST-1850	MST-1860	MST-1870	MST-1880	MST-1890
0.020			MST-2030	MST-2040	MST-2050	MST-2060	MST-2070	MST-2080	MST-2090
0.022		MST-2220	MST-2230	MST-2240	MST-2250	MST-2260	MST-2270	MST-2280	MST-2290
0.024			MST-2430	MST-2440	MST-2450	MST-2460	MST-2470	MST-2480	MST-2490
0.027				MST-2740	MST-2750	MST-2760	MST-2770	MST-2780	MST-2790
0.029				MST-2940	MST-2950	MST-2960	MST-2970	MST-2980	MST-2990
0.031				MST-3140	MST-3150	MST-3160	MST-3170	MST-3180	MST-3190
0.033						MST-3360			
0.035				MST-3540	MST-3550	MST-3560	MST-3570	MST-3580	MST-3590
0.039					MST-3950	MST-3960			
0.041						MST-4160	MST-4170	MST-4180	MST-4190


SPARE PARTS

Ref.	Code	Description		\$
1	93004420	AIR CAP COVER	250L / 250S	23.89
1.1	93004430	AIR CAP PROTECTION	250L / 250S	8.23
1	93004490	AIR CAP COVER	120L / 120S	23.65
1.1	93004500	AIR CAP PROTECTION	120L / 120S	8.17
2	93004320	AIR CAP		83.84
3		FLUID TIP		99.00
4	93004160	NOZZLE NEEDLE + FLUID NEED SET		121.11
4.1	93004170	FLUID NOZZLE		32.67
4.2	93004450	FLUID NEEDLE		66.60
5	93004230	NOZZLE HOLDER		61.10
6	93004310	PLUG		8.29
7	93004300	NUT		10.28
8	93004410	NEEDLE PACKING SET		54.87
9	93004200	TRIGGER SET		26.07
10	93004190	SAFETY LOCK SET		11.37
11	93004290	PATTERN ADJUSTMENT		27.71
12	93004260	AIR VALVE		43.07
13	93004330	AIR VALVE SPRING		7.14
14	93004240	COLLET		23.11
15	93004250	NEEDLE BUSHING		22.98
16	93004270	NEEDLE SPRING	250L / 250S	7.26
16	93004150	NEEDLE SPRING	120L / 120S	7.26
17	93004280	NEEDLE GUIDE		14.52
18	93004400	PLUG		14.09
19	93004390	FILTER CASE	120L / 250L	
20	VFM2002	FILTER 50 MESH (optional)	120L / 250L	
20	VFM2004	FILTER 100 MESH (optional)	120L / 250L	
20	VFM2005	FILTER 150 MESH (optional)	120L / 250L	
20	VFM2006	FILTER 200 MESH (optional)	120L / 250L	
21	93004380	FILTER SPRING	120L / 250L	
22	93004360	FILTER JOINT	120L / 250L	
23	93004370	FILTER NUT	120L / 250L	
24	93004350	SCREW		
25	93004340	AIR NIPPLE		
26	93004530	FLUID JOINT	120S / 250S	
27	93004130	FLUID TUBE	120S / 250S	
28	93514240	NUT	120S / 250S	
29	93004140	PLATE	120S / 250S	
30	93514230	FILTER CASE	120S / 250S	
31	VFM2801/S	FILTER 60 MESH	120S / 250S	
31	VFM2802/S	FILTER 100 MESH	120S / 250S	
31	VFM2803/S	FILTER 200 MESH	120S / 250S	
32	93515230	FILTER JOINT	120S / 250S	
33	93516230	FILTER NUT	120S / 250S	
C	93004210	PACKING SET		
D	93004850	TIP FILTER SET		
D	93004860	TIP PACKING SET		
Opt.	03004520	SWIVEL JOINT		



FEATURES

- For solvent and water-based paints
- All versions mounted on cart with:
 - Air regulator
 - Paint filter unit
 - Dip tube with filter
 - Fluid recirculation hose
 - Overpressure valve
 - Antipulsation hose (optional)

TECHNICAL

	n:n	bar/psi	bar/psi	l/min	mesh
ALS-333 C	25:1	170/2,456	6.8/98	2.5 (90 cyc)	50
ALS-423 TX	23:1	156/2,262		8.0 (100 cyc)	30
ALS-433 C	30:1	204/2,958		5.0 (90 cyc)	50
ALS-433 TX	30:1			5.0 (90 cyc)	30

Air Nipple: G1/4" • Fluid Nipple: G1/4"

ALS-333 C

Pump - **PP1251C**

ALS-423 TX

Pump - **PP4231NE**

ALS-433 C | ALS-433 TX

Pump - **PP4301C**

Pump - **PP4301CNE**



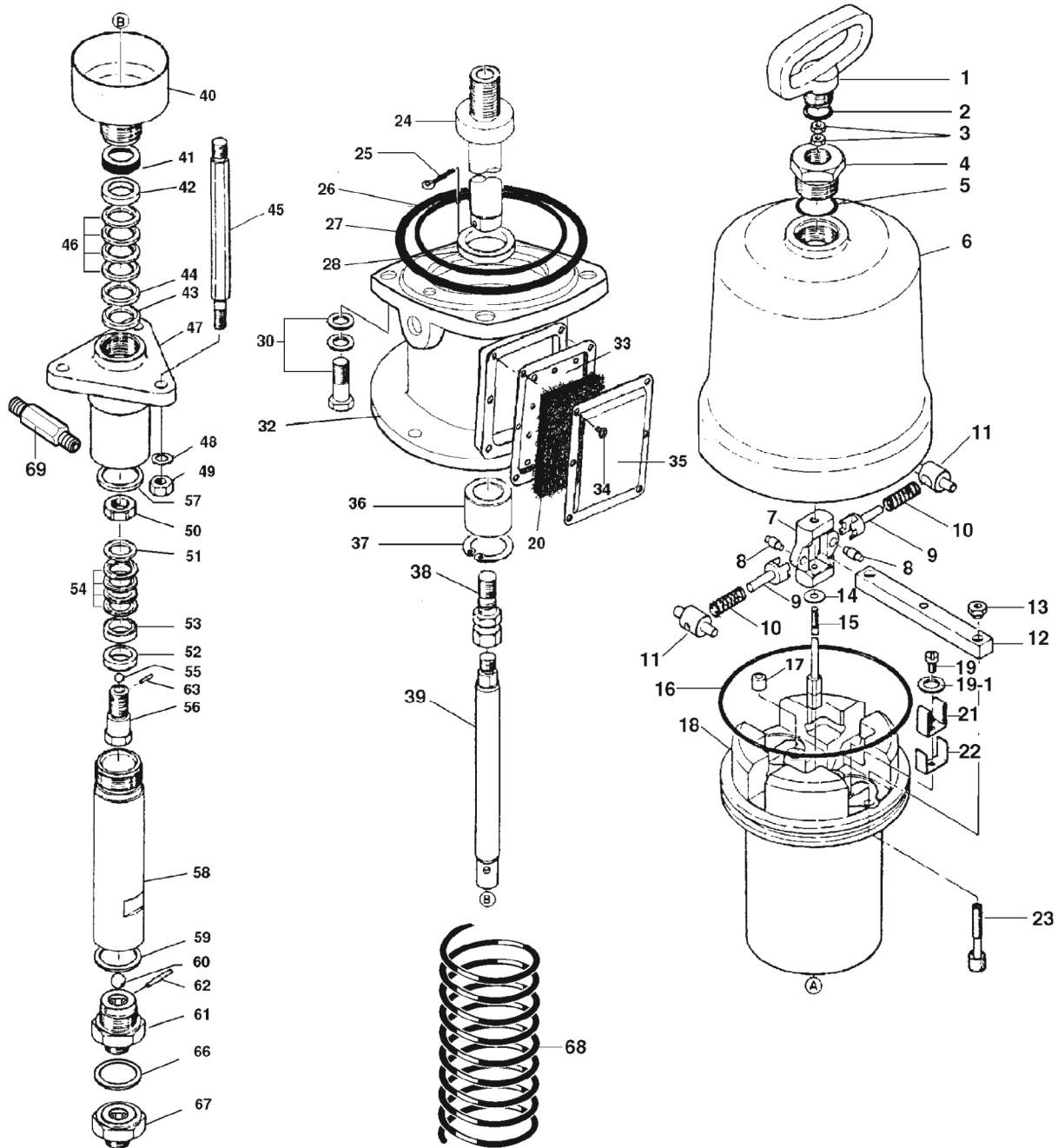
ORDER Information - AIRLESS UNITS

Code	Description
7510B	ALS-333 C AIRLESS UNIT
7516	ALS-423 TX AIRLESS UNIT with STAINLESS STEEL PAINT PASSAGES
1405834800	ALS-433 C AIRLESS UNIT with STAINLESS STEEL PAINT PASSAGES
1A301W083100	ALS-433 TX AIRLESS UNIT (WATER BASED VERSION)

ACCESSORIES

Code	Description	for Version
8132	TF 8 COMPLETE FILTER SET	for ALS 333 C- ALS 433 C
1457000000	TF 8N COMPLETE FILTER SET	for ALS 423 TX- ALS 433 TX
0200309101	AIR REGULATOR SET	for ALS 333 C
0200309401	AIR REGULATOR SET	for ALS 423 TX- ALS 433 C - ALS 433 TX
0101009000	DIP TUBE SET (50 mesh filter)	for ALS 333 C - ALS 433 C
0101030000	DIP TUBE SET with STAINLESS STEEL CONNECTION (30 mesh filter)	for ALS 423 TX- ALS 433 TX





ALS-333 C | ALS-423 TX | ALS-433 C | ALS-433 TX

Ref.	Code	Description		ALS-333 C	ALS-423 TX	ALS-433 C	ALS-433 TX
1	04470100	HANDLE		X	X	X	X
2	94447100	PACKING		X	X	X	X
3	UL300702	HEXAGON NUT		X	X	X	X
4	04435100	HEAD BOLT		X			
4	04435150	HEAD BOLT			X	X	X
5	06630030	O RING		X	X	X	X
6	0440110000	AIR CYLINDER		X			
6	0440115000	AIR CYLINDER			X	X	X
7	04409100	CHANGEVER MAIN BODY		X			
7	04409150	CHANGEVER MAIN BODY			X	X	X
8	04420100	PIN		X			
8	04420150	PIN			X	X	X
9	04411100	CHANGEVER PIN		X			
9	04411150	CHANGEVER PIN			X	X	X
10	04412100	SPRING		X			
10	04412150	SPRING			X	X	X
11	04419100	SPRING HOLDER		X			
11	04419150	SPRING HOLDER			X	X	X
12	04407100	CHANGEVER BAR		X			
12	04407150	CHANGEVER BAR			X	X	X
13	04415100	NUT		X			
13	04415150	NUT			X	X	X
14	04444110	WASHER		X	X	X	X
15	04410100	CHANGEVER ROD		X			
15	04410150	CHANGEVER ROD			X	X	X
16	06638043	PISTON O-RING		X			
16	06630145	PISTON O-RING			X	X	X
17	94935680	EXHAUST PACKING SET	2 pcs./1pk.	X	X	X	X
18	0440310000	AIR PISTON		X			
18	0440315000	AIR PISTON			X	X	X
19	UL300606	SCREW		X	X	X	X
19-1	UL300820	SPRING WASHER		X	X	X	X
20	UM331028	MUFFLER FILTER		X	X	X	X
21	04408100	CHANGEVER BAR SUPPORT		X			
21	04408150	CHANGEVER BAR SUPPORT			X	X	X
22	04413100	REINFORCE PLATE		X			
22	04413150	REINFORCE PLATE			X	X	X
23	04934690	VALVE SHAFT KIT	2 pcs./1pk.	X			
23	04936570	VALVE SHAFT KIT	2 pcs./1pk.		X	X	X
24	04479100	PISTON ROD		X			
24	04479150	PISTON ROD			X	X	X
25	UM330155	SPLIT PIN		X	X	X	X
26	96638039	O RING		X			
26	96630112	O RING			X	X	X
27	96634120	O RING		X			
27	96637537	O RING			X	X	X
28	04459100	STOPPER		X	X	X	X
30	06137130	BOLT + WASHER		X			
30	06137830	BOLT + WASHER			X	X	X
32	UM33102102	MAIN BODY		X			
32	UM43102102	MAIN BODY			X	X	X
33	UM331027	MUFFLER PLATE		X	X	X	X
34	UL300620	SCREW		X	X	X	X
35	UM331026	EXHAUST COVER		X	X	X	X
36	04431100	BUSHING		X			
36	04431150	BUSHING			X	X	X
37	UL300804	STOPPER		X			
37	UM431060	STOPPER			X	X	X
38	04485100	CONNECTING ADAPTOR		X			
38	04485150	CONNECTING ADAPTOR			X	X	X
39	04430100	ROD		X			
39	0231001000	ROD			X		
39	04430150	ROD				X	
39	04002790	ROD					X
39	0443021000	ROD					
40	0448210003	THINNER CUP SET		X			
40	0231002001	THINNER CUP SET			X		
40	0448215002	THINNER CUP SET				X	
40	0171003001	THINNER CUP SET					X
40	0448220001	THINNER CUP SET					
41	04471100	SLEEVE		X			
41	04010700	SLEEVE			X		
41	04471150	SLEEVE				X	
41	0171009000	SLEEVE					X
41	0447120000	SLEEVE					
42	94441100	V PACKING FEMALE UPPER ADAPTOR		X			
42	0231003000	V PACKING FEMALE UPPER ADAPTOR			X		
42	94441150	V PACKING FEMALE UPPER ADAPTOR				X	
42	04004790	V PACKING FEMALE UPPER ADAPTOR					X
42	0444120000	V PACKING FEMALE UPPER ADAPTOR					
43	04401110	SPACER		X			
43	0231025000	SPACER			X		
43	04401160	SPACER				X	X



ALS-333 C | ALS-423 TX | ALS-433 C | ALS-433 TX






Ref.	Code	Description		ALS-333 C	ALS-423 TX	ALS-433 C	ALS-433 TX
43	04001160	SPACER					
44	04443100	V PACKING MALE UPPER ADAPTOR		X			
44	0231005000	V PACKING MALE UPPER ADAPTOR			X		
44	04443150	V PACKING MALE UPPER ADAPTOR				X	
44	04000800	V PACKING MALE UPPER ADAPTOR					X
44	0444320000	V PACKING MALE UPPER ADAPTOR					
45	0443011000	CONNECTING ROD		X			
45	0231022001	CONNECTING ROD			X		X
45	0443016000	CONNECTING ROD				X	
46	0493210000	UPPER V PACKING SET	4 pcs./1pk.	X			
46	0494231100	UPPER V PACKING SET	4 pcs./1pk.		X		
46	0494015000	UPPER V PACKING SET	4 pcs./1pk.			X	X
46	0494020000	UPPER V PACKING SET	4 pcs./1pk.				
47	0448310100	SUCTION MAIN BODY		X			
47	0231008001	SUCTION MAIN BODY			X		X
47	0448315100	SUCTION MAIN BODY				X	
47	0448320200	SUCTION MAIN BODY					
48	UL300802	SPRING WASHER		X	X	X	X
49	UL300703	HEXAGON NUT		X	X	X	X
50	94445110	NUT		X			
50	0231020000	NUT			X		
50	94414150	NUT				X	
50	04000790	NUT					X
50	0444520000	NUT					
51	04443110	V PACKING MALE LOWER ADAPTOR		X			
51	0231019000	V PACKING MALE LOWER ADAPTOR			X		
51	94443161	V PACKING MALE LOWER ADAPTOR				X	
51	04001800	V PACKING MALE LOWER ADAPTOR					X
51	0444321100	V PACKING MALE LOWER ADAPTOR					
52	04402110	LOWER DISTANCE RING		X			
52	0231010000	LOWER DISTANCE RING			X		
52	04400160	LOWER DISTANCE RING				X	
52	0400016000	LOWER DISTANCE RING					X
53	04441110	V PACKING FEMALE LOWER ADAPTOR		X			
53	0231017000	V PACKING FEMALE LOWER ADAPTOR			X		
53	04441160	V PACKING FEMALE LOWER ADAPTOR				X	
53	04005790	V PACKING FEMALE LOWER ADAPTOR					X
53	0444121100	V PACKING FEMALE LOWER ADAPTOR					
54	0493010000	LOWER V PACKING SET	4 pcs./1pk.	X			
54	0494231200	LOWER V PACKING SET	4 pcs./1pk.		X		
54	0494215000	LOWER V PACKING SET	4 pcs./1pk.			X	X
54	0494220000	LOWER V PACKING SET	4 pcs./1pk.				
55	96662025	BALL		X		X	
55	06662040	BALL			X		
55	06662026	BALL					X
56	04461100	VALVE HOLDER SET		X			
56	0231029001	VALVE HOLDER SET			X		
56	04460160	VALVE HOLDER SET				X	
56	0446017100	VALVE HOLDER SET					X
56	0446120000	VALVE HOLDER SET					
57	94447600	UPPER PACKING		X			
57	0231007000	UPPER PACKING			X		
57	94447150	UPPER PACKING				X	
57	0231015000	UPPER PACKING					X
57	0444720000	UPPER PACKING					
58	0443410001	SUCTION TUBE		X			
58	0231024000	SUCTION TUBE			X		
58	0443415001	SUCTION TUBE				X	
58	0171001000	SUCTION TUBE					X
58	0443420000	SUCTION TUBE					
59	94447610	LOWER PACKING		X			
59	0231030000	LOWER PACKING			X		X
59	94447160	LOWER PACKING				X	
60	96662050	BALL		X		X	
60	06662051	BALL			X		X
60	06662040	BALL					
61	04407060	VALVE ADAPTOR SET		X			
61	0231028000	VALVE ADAPTOR SET			X		X
61	04460150	VALVE ADAPTOR SET				X	
61	0446020000	VALVE ADAPTOR SET					
62	04420600	PIN		X			
62	0231023000	PIN			X		X
62	04420160	PIN				X	
63	04420170	PIN				X	X
63	0657502000	PIN					
64	0231009000	SCREW			X		
65	0231014000	SPRING			X		
66	0231031000	PACKING			X		X
67	UL30046400	NIPPLE			X		X
68	04413050	SPRING		X	X	X	X
69	UM43061000	FLUID OUTPUT JOINT			X		
69	UM43060900	FLUID OUTPUT JOINT					X
72	UM43061101	FLUID OUTPUT JOINT		X		X	



FEATURES

- Equipped with:
Air regulator
Paint filter unit
Dip tube with filter
Fluid recirculation hose
Overpressure valve

TECHNICAL

	 n:n	 bar/psi	 bar/psi	 l/min	 mesh
MSU 11N	13:1	88/1,276	6.8/98	1.9 (110 cyc)	50
MSU 32N	17:1	114/1,666	6.8/98	3.5	50

Air Nipple: Rc 1/2" • Fluid Nipple: G1/4"

MSU 11N



MSU 323N-SYS



ORDER Information - MSU 11N 13:1 MULTI SPRAY UNIT

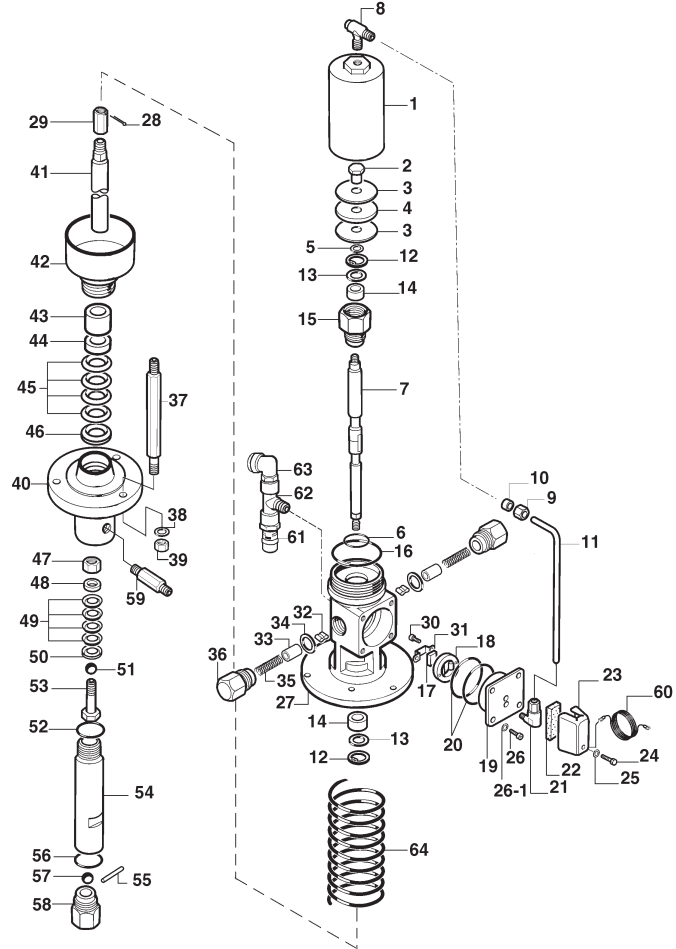
Code	Description	Order Ref.	Type
7161	MSU Multi Spray Unit	111N	Stand Mount
7163	MSU Multi Spray Unit	113N	Cart Mount
7164	MSU Multi Spray Unit	114N	Wall Mount
7166	MSU Multi Spray System	111N-SYS	Stand Mount with Gun and Hoses
7168	MSU Multi Spray System	113N-SYS	Cart Mount with Gun and Hoses
7169	MSU114N-SYS Multi Spray System		Wall Mount with Gun and Hoses

ORDER Information - MSU 32N 17:1 MULTI SPRAY UNITS (Parts P. 88-89)

Code	Description	Order Ref.	Type
7173	MSU Multi Spray Unit	323N	Cart Mount
7178	MSU Multi Spray System	323N-SYS	Cart Mount with Gun and Hoses
7174	MSU Multi Spray Unit	324N	Wall Mount



Ref.	Code	Description	MSU 11N
1	04401051	AIR CYLINDER	x
2	04437050	CAP NUT	x
3	04444050	WASHER	x
4	09447080	PACKING	x
5	UL300800	WASHER	x
6	96630022	O-RING	x
7	94492050	SPINDLE SET	x
8	04438081	SPECIAL JOINT	x
9	06805480	JOINT NUT	x
10	06806480	SLEEVE	x
11	04486052	HOSE	x
12	06613240	STOPPER	x
13	04444090	WASHER	x
14	04449080	PACKING	x
15	04459051	STOPPER	x
16	96634060	O-RING	x
17	94488051	BLOCK	x
18	04406051	GUIDE PLATE	x
19	04405060	SEAT BLOCK	x
20	96634045	O- RING	x
21	06800481	ELBOW UNION	x
22	94402050	EXHAUST MUFFLER	x
23	04405051	EXHAUST COVER	x
24	06154073	SCREW	x
25	96500406	SPRING WASHER	x
26	06136614	BOLT	x
26-1	UL300820	SPRING WASHER	x
27	04943051	MAIN BODY SET	x
28	UL300811	SPLIT PIN	x
29	04400080	ADAPTOR	x
30	06131308	SCREW	x
31	94488061	BLOCK CARRIER	x
32	04457062	INTERLOCK PIECE	x
33	04457090	INTERLOCK END PIECE	x
34	04428050	WASHER	x
35	94412060	SPRING	x
36	04458070	CAP	x
37	0171002010	CONNECTING ROD	x
38	UL300802	SPRING WASHER	x
39	UL300703	HEXAGON NUT	x
40	0448310100	SUCTION MAIN BODY	x
41	94403080	ROD	x
42	04404080	THINNER CUP SET	x
43	94022090	SLEEVE	x
44	94404090	V PACKING FEMALE UPPER ADAPTOR	x
45	94932100	UPPER V PACKING SET	x
46	94405090	V PACKING MALE UPPER ADAPTOR	x
47	04407050	NUT	x
48	94408050	V PACKING MALE LOWER ADAPTOR	x
49	94930100	LOWER V PACKING SET	x
50	94410050	V PACKING FEMALE LOWER ADAPTOR	x
51	96662025	BALL	x
52	94447600	PACKING	x
53	94461100	VALVE HOLDER SET	x
54	04411050	SUCTION TUBE	x
55	94420600	PIN	x
56	94447610	PACKING	x
57	96662050	BALL	x
58	94407060	VALVE ADAPTOR SET	x
59	UM43060900	FLUID OUTPUT JOINT	x
60	ME100001	GROUND WIRE	x
61	UL30036000	SAFETY VALVE	x
62	UL30030000	"T" JOINT	x
63	UL300309	"L" QUICK COUPLING	x
64	04413050	SPRING	x



MSU 32N Spare Parts - P. 104

KITS & OPTIONAL ACCESSORIES

Code	Description
7956	AIR MOTOR REPAIR KIT (includes: 4, 6, 16, 17, 20, 31, 34)
7967	PUMP REPAIR KIT - MAJOR MAINTENANCE (includes: 44, 45, 46, 48, 49, 50, 52, 55, 56, 57)
7968	PUMP REPAIR KIT - MINOR MAINTENANCE (includes: 45, 49, 51, 52, 55, 56, 57)
04407070	PP7131N PLUNGER PUMP ONLY
04931360	MSU PUMP BASE SET W/ AIR REGULATOR SET
04320150	MSU CART FRAME SET



FEATURES

- For solvent and water-based paints
- All Versions Mounted on Cart with:
 - 2 Air regulators
 - Paint filter unit
 - Dip tube with filter
 - Fluid recirculation hose
 - Overpressure valve
 - Antipulsation hose (optional)

TECHNICAL

	n:n	bar/psi	bar/psi	l/min	mesh
MSU-323 C	17:1	115/1,667	6,8/98	3.4 (90 cyc)	50
MSU-323 CTX	17:1			3.4 (90 cyc)	50
MSU-423 TX	23:1	156/2,262		8.0 (100 cyc)	30
MSU-433 TX	30:1	204/2,958		5.0 (90 cyc)	30

Air Nipple: G1/4" • Fluid Nipple: G1/4"

MSU-323 C

Pump - PP1171C

MSU-323 CTX

Pump - PP1171CNE

MSU-423 TX | MSU-433 TX

Pump - PP4231NE

Pump - PP4231CNE



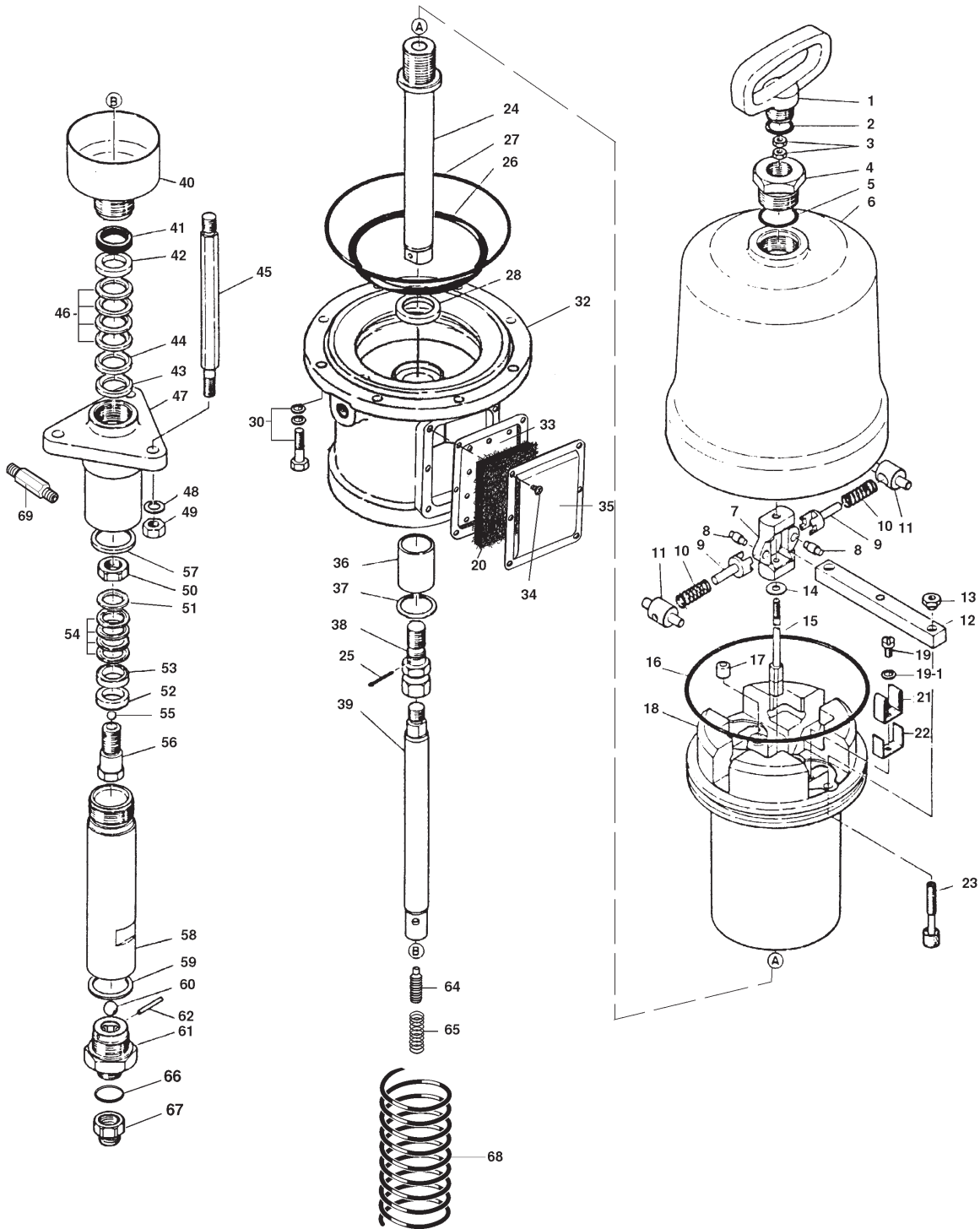
ORDER Information - MULTI SPRAY UNITS

Code	Description
7180	MSU-323 C MULTI SPRAY UNIT
7183	MSU-323 CTX MULTI SPRAY UNIT WITH STAINLESS STEEL PAINT PASSAGES
7182	MSU-423 TX MULTI SPRAY UNIT WITH STAINLESS STEEL PAINT PASSAGES
7181	MSU-433 TX MULTI SPRAY UNIT WITH STAINLESS STEEL PAINT PASSAGES

ACCESSORIES

Code	Description	for Version
145600000	TF 8 COMPLETE FILTER SET	for MSU-323 C
145700000	TF 8N COMPLETE FILTER SET	for MSU-323 CTX, MSU-423 TX and MSU-433 TX
0200309501	AIR REGULATOR SET	for MSU-323 C and MSU-323 CTX
0200309601	AIR REGULATOR SET	for MSU-423 TX and MSU-433 TX
0101009000	DIP TUBE SET (50 mesh filter)	for MSU-323 C
0101030000	DIP TUBE SET with STAINLESS STEEL CONNECTION (30 mesh filter)	for MSU-423 TX and MSU-433 TX
0101010000	DIP TUBE SET with STAINLESS STEEL CONNECTION (50 mesh filter)	for MSU-323 CTX





Ref.	Code	Description		MSU-323 C/N	MSU-323 CTX	MSU-423 TX	MSU-433 TX
1	04470100	HANDLE		X	X	X	X
2	94447100	PACKING		X	X	X	X
3	UL300702	HEXAGON NUT		X	X	X	X
4	04435100	HEAD BOLT					
4	04435150	HEAD BOLT		X	X	X	X
5	06630030	O RING		X	X	X	X
6	0440110000	AIR CYLINDER					
6	0440115000	AIR CYLINDER		X	X	X	X
7	04409100	CHANGEOVER MAIN BODY					
7	04409150	CHANGEOVER MAIN BODY		X	X	X	X
8	04420100	PIN					
8	04420150	PIN		X	X	X	X
9	04411100	CHANGEOVER PIN					
9	04411150	CHANGEOVER PIN		X	X	X	X
10	04412100	SPRING					
10	04412150	SPRING		X	X	X	X
11	04419100	SPRING HOLDER					
11	04419150	SPRING HOLDER		X	X	X	X
12	04407100	CHANGEOVER BAR					
12	04407150	CHANGEOVER BAR		X	X	X	X
13	04415100	NUT					
13	04415150	NUT		X	X	X	X
14	04444110	WASHER		X	X	X	X
15	04410100	CHANGEOVER ROD					
15	04410150	CHANGEOVER ROD		X	X	X	X
16	06638043	PISTON O-RING					
16	06630145	PISTON O-RING		X	X	X	X
17	94935680	EXHAUST PACKING SET	2 pcs./1pk.	X	X	X	X
18	0440310000	AIR PISTON					
18	0440315000	AIR PISTON		X	X	X	X
19	UL300606	SCREW		X	X	X	X
19-1	UL300820	SPRING WASHER		X	X	X	X
20	UM331028	MUFFLER FILTER		X	X	X	X
21	04408100	CHANGEOVER BAR SUPPORT					
21	04408150	CHANGEOVER BAR SUPPORT		X	X	X	X
22	04413100	REINFORCE PLATE					
22	04413150	REINFORCE PLATE		X	X	X	X
23	04934690	VALVE SHAFT KIT	2 pcs./1pk.				
23	04936570	VALVE SHAFT KIT	2 pcs./1pk.	X	X	X	X
24	04479100	PISTON ROD					
24	04479150	PISTON ROD		X	X	X	X
25	UM330155	SPLIT PIN		X	X	X	X
26	96638039	O RING					
26	96630112	O RING		X	X	X	X
27	96634120	O RING					
27	96637537	O RING		X	X	X	X
28	04459100	STOPPER		X	X	X	X
30	06137130	BOLT + WASHER					
30	06137830	BOLT + WASHER		X	X	X	X
32	UM33102102	MAIN BODY					
32	UM43102102	MAIN BODY		X	X	X	X
33	UM331027	MUFFLER PLATE		X	X	X	X
34	UL300620	SCREW		X	X	X	X
35	UM331026	EXHAUST COVER		X	X	X	X
36	04431100	BUSHING					
36	04431150	BUSHING		X	X	X	X
37	UL300804	STOPPER					
37	UM431060	STOPPER		X	X	X	X
38	04485100	CONNECTING ADAPTOR					
38	04485150	CONNECTING ADAPTOR		X	X	X	X
39	0231001000	ROD		X			
39	04430150	ROD			X		
39	04002790	ROD				X	
40	0231002001	THINNER CUP SET		X			
40	0448215002	THINNER CUP SET			X		
40	0171003001	THINNER CUP SET				X	
41	04471100	SLEEVE					
41	04010700	SLEEVE		X			
41	04471150	SLEEVE			X		
41	0171009000	SLEEVE				X	
42	94441100	V PACKING FEMALE UPPER ADAPTOR					
42	0231003000	V PACKING FEMALE UPPER ADAPTOR		X			
42	94441150	V PACKING FEMALE UPPER ADAPTOR			X		
42	04004790	V PACKING FEMALE UPPER ADAPTOR				X	
43	0231025000	SPACER		X			
43	04401160	SPACER			X	X	
43	04001160	SPACER					X
44	04443100	V PACKING MALE UPPER ADAPTOR					
44	0231005000	V PACKING MALE UPPER ADAPTOR		X			
44	04443150	V PACKING MALE UPPER ADAPTOR			X		
44	04000800	V PACKING MALE UPPER ADAPTOR				X	
44	0444320000	V PACKING MALE UPPER ADAPTOR					X



MSU-323 C | MSU-323 CTX | MSU-423 TX | MSU-433 TX

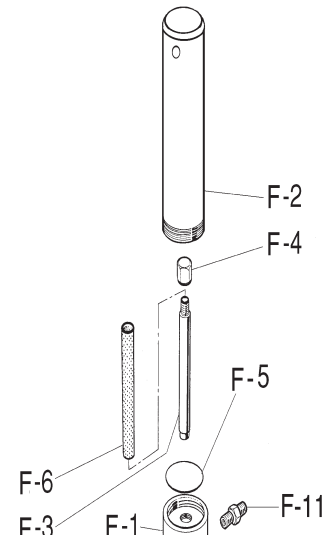
Ref.	Code	Description	MSU-323 C/N	MSU-323 CTX	MSU-423 TX	MSU-433 TX
45	0443011000	CONNECTING ROD				
45	0231022001	CONNECTING ROD	X		X	
45	0443016000	CONNECTING ROD		X		X
46	0493210000	UPPER V PACKING SET				
46	0494231100	UPPER V PACKING SET	4 pcs./1pk.			
46	0494015000	UPPER V PACKING SET	4 pcs./1pk.	X	X	
46	0494020000	UPPER V PACKING SET	4 pcs./1pk.			X
47	0448310100	SUCTION MAIN BODY				
47	0231008001	SUCTION MAIN BODY	X		X	
47	0448315100	SUCTION MAIN BODY		X		
47	0448320200	SUCTION MAIN BODY				X
48	UL300802	SPRING WASHER	X	X	X	X
49	UL300703	HEXAGON NUT	X	X	X	X
50	94445110	NUT				
50	0231020000	NUT	X			
50	94414150	NUT		X		
50	04000790	NUT			X	
50	0444520000	NUT				X
51	04443110	V PACKING MALE LOWER ADAPTOR				
51	0231019000	V PACKING MALE LOWER ADAPTOR	X			
51	94443161	V PACKING MALE LOWER ADAPTOR		X		
51	04001800	V PACKING MALE LOWER ADAPTOR			X	
51	0444321100	V PACKING MALE LOWER ADAPTOR				X
52	04402110	LOWER DISTANCE RING				
52	0231010000	LOWER DISTANCE RING	X			
52	04400160	LOWER DISTANCE RING		X		
52	0400016000	LOWER DISTANCE RING			X	
53	04441110	V PACKING FEMALE LOWER ADAPTOR				
53	0231017000	V PACKING FEMALE LOWER ADAPTOR	X			
53	04441160	V PACKING FEMALE LOWER ADAPTOR		X		
53	04005790	V PACKING FEMALE LOWER ADAPTOR			X	
53	0444121100	V PACKING FEMALE LOWER ADAPTOR				X
54	0493010000	LOWER V PACKING SET				
54	0494231200	LOWER V PACKING SET	4 pcs./1pk.	X		
54	0494215000	LOWER V PACKING SET	4 pcs./1pk.		X	
54	0494220000	LOWER V PACKING SET	4 pcs./1pk.			X
55	96662025	BALL		X		X
55	06662040	BALL	X			
55	06662026	BALL			X	
56	04461100	VALVE HOLDER SET				
56	0231029001	VALVE HOLDER SET	X			
56	04460160	VALVE HOLDER SET		X		
56	0446017100	VALVE HOLDER SET			X	
56	0446120000	VALVE HOLDER SET				X
57	94447600	UPPER PACKING				
57	0231007000	UPPER PACKING	X			
57	94447150	UPPER PACKING		X		
57	0231015000	UPPER PACKING			X	
57	0444720000	UPPER PACKING				X
58	0443410001	SUCTION TUBE				
58	0231024000	SUCTION TUBE	X			
58	0443415001	SUCTION TUBE		X		
58	0171001000	SUCTION TUBE			X	
58	0443420000	SUCTION TUBE				X
59	94447610	LOWER PACKING				X
59	0231030000	LOWER PACKING	X		X	
59	94447160	LOWER PACKING		X		
60	96662050	BALL		X		
60	06662051	BALL	X		X	
60	06662040	BALL				X
61	04407060	VALVE ADAPTOR SET				
61	0231028000	VALVE ADAPTOR SET	X		X	
61	04460150	VALVE ADAPTOR SET		X		
61	0446020000	VALVE ADAPTOR SET				X
62	04420600	PIN				X
62	0231023000	PIN	X		X	
62	04420160	PIN		X		
63	04420170	PIN		X	X	
63	0657502000	PIN				X
64	0231009000	SCREW	X			
65	0231014000	SPRING	X			
66	0231031000	PACKING	X		X	
67	UL30046400	NIPPLE	X		X	
68	04413050	SPRING	X	X	X	X
69	UM43061000	FLUID OUTPUT JOINT	X			
69	UM43060900	FLUID OUTPUT JOINT			X	
72	UM43061101	FLUID OUTPUT JOINT		X		X



PAINT FILTER UNITS

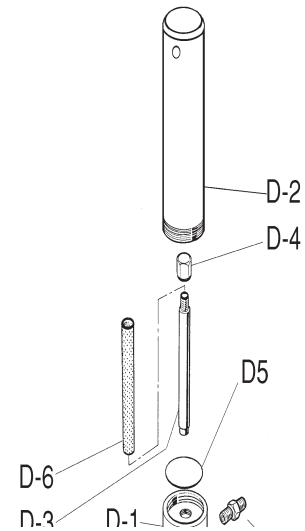
TF8 for ALS-333 C | ALS-433 C | MSU-323 C

Ref.	Code	Description	
	145600000	TF8 COMPLETE PAINT FILTER SET	
F-1	04560670	BODY	
F-2	04561670	CYLINDER	
F-3	0457000300	SCREW	
F-4	0457000400	NUT	
F-5	96639045	O RING	
F-6	VFM2503	FILTER 100 Mesh	
F-7	UL300020	NIPPLE	R 3/8" M - R 1/4" M
F-8	UL300900	DRAIN VALVE	G 1/4" FF
F-9	UL300302	HOSE JOINT	R 1/4" M - M8X6
F-10	UL300018	SWIVEL JOINT	R 1/4" M - G 1/4" F
F-11	UL300012	NIPPLE	G 1/4" M - R 1/4" M
F-12	96990412	PLUG	R 1/4"



TF8 N for ALS-423 | ALS-433
MSU-323 C | MSU-423 TX | MSU-433 TX | MSU-113N

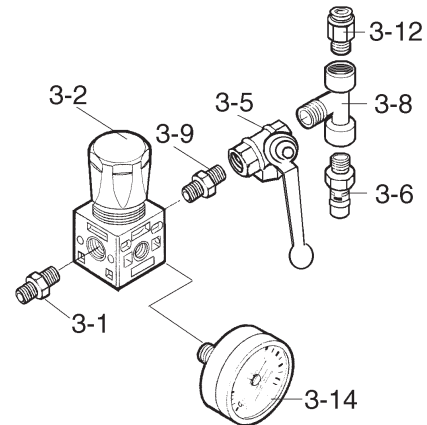
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	145700000	TF8 N COMPLETE FILTER SET	
D-1	0457000200	BODY	
D-2	0457000100	CYLINDER	
D-3	0457000300	SCREW	
D-4	0457000400	NUT	
D-5	96639045	O RING	
D-6	VFM2503	FILTER 100 Mesh	
D-7	UL300453	NIPPLE	R 1/4" M - R 3/8" M
D-8	UL30090100	DRAIN VALVE	G 1/4" FF
D-9	UL300302	HOSE JOINT	R 1/4" M - M8X6
D-10	UL300402	UNION JOINT	MF 3/8"
D-11	UL30046300	FLUID OUTPUT JOINT	M 3/8" - G 1/4" M



AIR REGULATORS

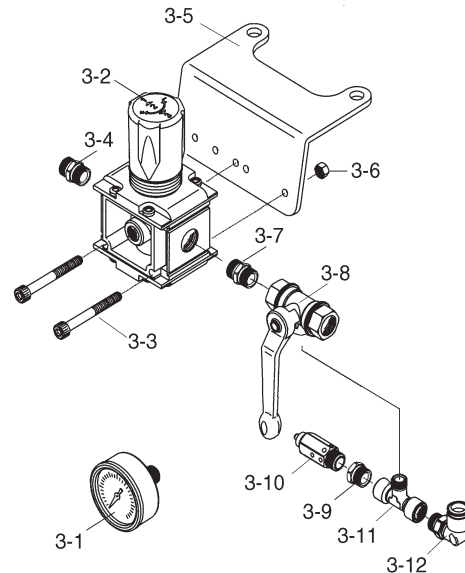
AIR REGULATOR for ALS-333 C

Ref.	Code	Description	
	0200309101	AIR REGULATOR SET	
3-1	UL30010501	SPECIAL NIPPLE	G1/4" M-R 1/4"M
3-2	UI00070000	AIR REGULATOR	G1/4"
3-5	UL30034901	BALL VALVE WITH EXHAUST HOLE	G 1/4" FF
3-6	UL30036000	SAFETY VALVE	G 1/4"
3-8	UL30030000	"T" JOINT	1/4" F/M/F
3-9	UL300101	NIPPLE	1/4" MM
3-12	UL300312	QUICK JOINT	1/4" M
3-14	02004003	PRESSURE GAUGE	(Optional)



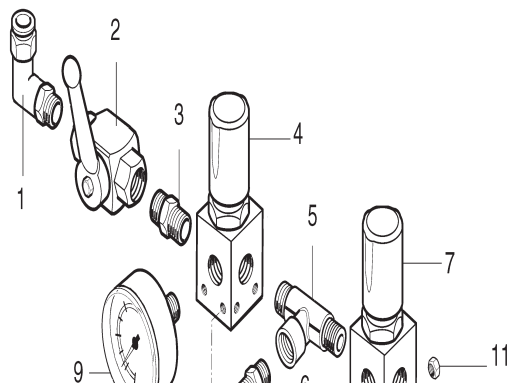
AIR REGULATOR ALS-433 C | ALS-433 | ALS-423 TX

Ref	Code	Description	
	0200309401	AIR REGULATOR SET	
3-1	02004003	PRESSURE GAUGE	(Optional)
3-2	UI00080000	AIR REGULATOR 3/8"	
3-3	UL30061900	SCREW	
3-4	0475050110	JOINT G1/4"- R 3/8"	
3-5	UL00005200	PLATE	
3-6	UL30070600	NUT	
3-7	UL30010200	NIPPLE R3/8"	
3-8	UL30034801	3 WAY VALVE 3/8"	
3-9	UL300163	REDUCTION R3/8" G1/4" MF	
3-10	UL30036000	SAFETY VALVE G 1/4"	
3-11	UL30029800	"T" JOINT 3/8" F/M/F	
3-12	UL30031300	QUICK JOINT 3/8" 10x12	



AIR REGULATOR for MSU 113N

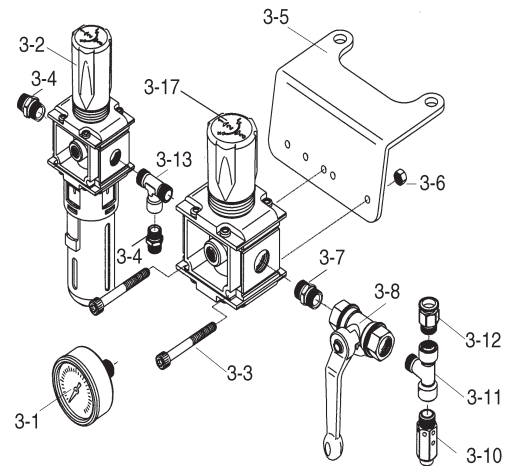
Ref	Code	Description	
	04307151	AIR REGULATOR SET	
1	UL300309	"L" QUICK COUPLING	1/4"M
2	UL30034901	BALL VALVE WITH EXHAUST HOLE	G 1/4" FF
3	UL300101	NIPPLE	1/4" MM
4	UI00070000	AIR REGULATOR	G 1/4"
5	UL300303	UNION "T" JOINT	G1/4"F-R1/4"MM
6	UL30010501	SPECIAL NIPPLE	G1/4" M-R 1/4"M
7	UI00070100	AIR REGULATOR + FILTER	G 1/4"
8	UL300201	"L" JOINT 1/4" MF	
9	02004003	PRESSURE GAUGE	(Optional)
10	UL300615	HEXAGON SOCKET BOLT	(Optional)
11	UL300700	HEXAGON NUT	



AIR REGULATORS

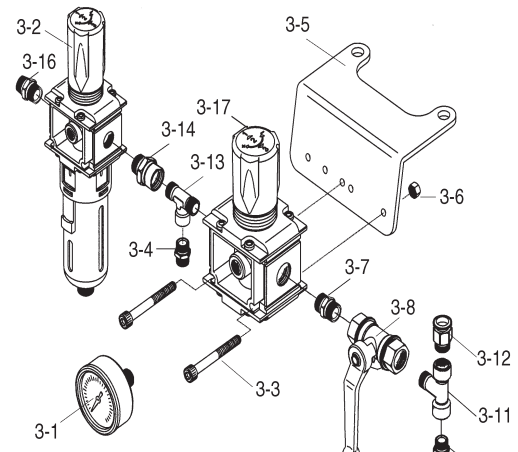
AIR REGULATOR for MSU-323 C | MSU-323 CTX

Ref.	Code	Description	
	0200309501	AIR REGULATOR SET	
3-1	02004003	PRESSURE GAUGE	(Optional)
3-2	UI00070100	AIR REGULATOR + FILTER	G 1/4"
3-3	UL300615	SCREW	(Optional)
3-4	UL30010501	SPECIAL NIPPLE	G1/4" M-R 1/4" M
3-5	UL00005200	PLATE	(Optional)
3-6	UL300700	HEXAGON NUT	(Optional)
3-7	UL300101	NIPPLE	1/4" MM
3-8	UL30034901	BALL VALVE WITH EXHAUST HOLE	G 1/4" FF
3-10	UL30036000	SAFETY VALVE	G 1/4"
3-11	UL30030000	"T" JOINT	1/4" F/M/F
3-12	UL300312	QUICK JOINT	1/4" M
3-13	UL300303	UNION "T" JOINT	G1/4" F-R1/4" MM
3-17	UI00070000	AIR REGULATOR	G 1/4"



AIR REGULATOR for MSU-423 TX | MSU-433 TX

Ref	Code	Description	
	0200309601	AIR REGULATOR SET	
3-1	02004003	PRESSURE GAUGE	(Optional)
3-2	UI00070100	AIR REGULATOR + FILTER	G 1/4"
3-3	UL30061900	SCREW	(Optional)
3-4	0475050110	JOINT	G 1/4" - R 3/8"
3-5	UL00005200	PLATE	(Optional)
3-6	UL30070600	HEXAGON NUT	(Optional)
3-7	UL30010200	NIPPLE	R 3/8"
3-8	UL30034801	THREE WAY VALVE	3/8"
3-9	UL300163	REDUCTION	R 3/8" G 1/4" MF
3-10	UL30036000	SAFETY VALVE	G 1/4"
3-11	UL30029800	"T" JOINT	3/8" F/M/F
3-12	UL30032400	QUICK JOINT	3/8" Ø12
3-13	UL30029900	"T" JOINT	G3/8" M/F/M
3-14	UL300165	REDUCTION	R1/4" M - G3/8" F
3-16	UL30010501	SPECIAL NIPPLE	G1/4" M-R 1/4" M
3-17	UI00080000	AIR REGULATOR	3/8"



MEDIUM & HIGH PRESSURE HOSES

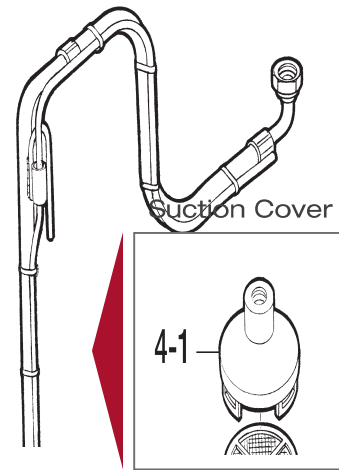
Code	Description		Length	Type	Nipples
HIGH PRESSURE HOSES (Fluid) for AIRLESS UNITS					
8250	NPM325 25' HOSE	3/16"	25'	FLUID	1/4"-1/4"
8251	NPM350 50' HOSE	3/16"	50'	FLUID	1/4"-1/4"



DIP TUBE with FILTER

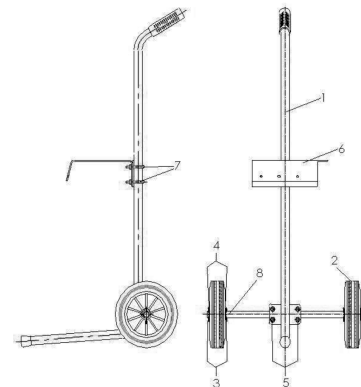
Ref	Code	Description
DIP TUBE for ALS-333 C ALS-433 C ALS-453 C MSU-323 C		
	0101009000	DIP TUBE SET with 50 MESH FILTER M15
4	UL10000701	COMPLETE COVER SET (50 MESH)
4-2	0040720100	FILTER 50 MESH
4-2	VFM3012	FILTER 100 MESH
4-3	00407203	FILTER STOPPER
DIP TUBE for ALS-423 TX ALS-433 TX MSU-423 TX MSU-433 TX		
	0101030000	DIP TUBE SET WITH STAINLESS STEEL CONNECTION - FILTER 30 MESH
4	UL10001801	COMPLETE COVER SET (30 MESH)
4-2	0040720400	FILTER 30 MESH
4-3	00407203	FILTER STOPPER
	0101010000	DIP TUBE SET with STAINLESS STEEL CONNECTION - 50 MESH FILTER M15
4	UL10000701	COMPLETE COVER SET (50 MESH)
4-2	0040720100	FILTER 50 MESH
4-2	VFM3012	FILTER 100 MESH
4-3	00407203	FILTER STOPPER
	0101040000	DIP TUBE SET WITH STAINLESS STEEL CONNECTION - FILTER 50 MESH
4	UL10000701	COMPLETE COVER SET (50 MESH)

DIP TUBE Set



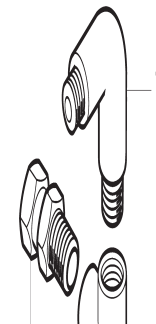
WHEEL CART for MSU-113N

Ref.	Code	Description
	04320150	WHEEL CART SET
1	04930360	FRAME SET
2	UL200001	WHEEL
3	UL300811	SPLIT PIN
4	Z00019	WASHER
5	06991930	U BOLT
6	04306150	PUMP BASE
7	04319150	U BOLT
8	04330150	SHAFT



DRAIN OPERATING VALVE SET for MSU-113N

Ref.	Code	Description
	04326160	DRAIN OPERATING VALVE SET
1	06858141	ELBOW MM
2	06641103	"T" JOINT FFF
3	UL300453	NIPPLE R 1/4" M- R 3/8" M
4	UL30090100	DRAIN VALVE G 1/4" FF
5	06891239	HOSE JOINT
6	UL300402	UNION JOINT MF 3/8"





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