



LOW PRESSURE  
GUNJET® SPRAY GUNS

HOT WATER WASHDOWN  
RINSING · CHEMICAL DOSING  
PEST CONTROL · SANITIZING  
AIR BLOW-OFF · COOLING PARTS  
PRODUCE WASHING



# LOW PRESSURE SPRAY GUNS INTRODUCTION



## LOW PRESSURE SPRAY GUNS

- Ergonomic designs assure positive control and operator comfort even at maximum flow and pressure conditions
- Sturdy design and materials mean long, productive equipment life
- Versatile GunJet® low pressure spray guns are designed for use with a wide variety of spray tips to meet particular pattern and flow specifications
- Adjustable spray patterns and air atomizing sprays provided by some models
- Handles remain comfortable even during hot spraying operations
- Adapters convert thread sizes, allowing the attachment of optional accessories
- Extensions available for many models to improve spray gun stability
- Trigger locks prevent accidental discharge when the gun is not in use
- In-line swivels provide smooth 360° operation, eliminating hose kinking and reducing operator fatigue
- In-line strainers available to prevent clogging and improve purity of sprayed liquid
- Spare parts kits available for easy maintenance



# LOW PRESSURE SPRAY GUNS TABLE OF CONTENTS

## LOW PRESSURE GUNJET® SPRAY GUNS

	PAGE
AA30L	B4
AA30-20940	B4
23624-30L	B4
AA60-21580	B4
CU150A	B5
22650-PP TriggerJet®	B5
23623-31-1/4F MeterJet®	B5
AA36 Trigger Valve	B5
D41663-18JAN00V-0H-PA/SS	B5
AA43LC	B5
4688	B6
6104	B6
6466	B6
6590	B6
<b>Specifications</b>	<b>B7</b>

	PAGE
<b>SPRAY GUN EXTENSIONS</b>	<b>B8</b>

	PAGE
<b>SPRAY GUN INLET AND OUTLET ADAPTERS</b>	<b>B10</b>

	PAGE
<b>SPARE PARTS KITS</b>	<b>B10</b>



## LOW PRESSURE GUNJET® SPRAY GUNS

### OVERVIEW:

#### LOW PRESSURE GUNJET SPRAY GUNS

- Capacity ranging from 2 gpm (7.6 lpm) to 22 gpm (83 lpm)
- Maximum pressure ranging from 75 psi (5 bar) to 250 psi (17 bar)
- Sturdy design and materials ensure long, productive equipment life
- Designed for use with a wide variety of spray tips to meet particular pattern and flow specifications

See page B7 for gun and tip compatibility table and pages E10-E11 for specific tip information.



### LOW PRESSURE GUNJET SPRAY GUN OPTIONS

#### AA30L

Max. operating pressure:  
250 psi (17 bar)

Max. temperature:  
200°F (93°C)

Capacity: 5 gpm (19 lpm)

Material: Brass or  
polypropylene valve body  
with nylon handle

Trigger lock and guard

Light trigger pull

Front hose connection  
keeps grip cool



#### AA30-20940

Max. operating pressure:  
250 psi (17 bar)

Max. temperature:  
300°F (150°C)

Capacity: 10 gpm (38 lpm)

Material: Brass valve  
body with nylon handle

Trigger lock and guard

Light trigger pull

Trigger-activated  
variable spray pattern

Front hose connection  
keeps grip cool



#### 23624-30L

Max. operating pressure:  
75 psi (5 bar)

Max. temperature:  
200°F (93°C)

Capacity: 1 to 16 ml  
dosage range

Material: Brass valve  
body with nylon handle

Trigger lock and guard

Adjustable metering  
assembly

Auto recharge



#### AA60-21580

Max. operating pressure:  
250 psi (17 bar)

Max. temperature:  
300°F (150°C)

Capacity: 16 gpm (60 lpm)

Material: Brass or  
stainless steel valve body  
with nylon handle

Trigger lock and guard

Trigger-activated  
variable spray pattern

Front hose connection  
keeps grip cool



LOW PRESSURE GUNJET SPRAY GUN OPTIONS

**CU150A**

Max. operating pressure: 150 psi (10 bar)  
 Max. temperature: 200°F (93°C)  
 Capacity: 10 to 22 gpm (38 to 83 lpm)  
 Material: Brass, aluminum or stainless steel valve body  
 Black or white rubber outer cover  
 Color bands for easy identification of flow capacities  
 Adjustable spray pattern from hollow cone to solid stream  
 Optional swivel connector with trigger lock



**22650-PP TriggerJet®**

Max. operating pressure: 150 psi (10 bar)  
 Max. temperature: 120°F (50°C)  
 Capacity: 2 gpm (7.6 lpm)  
 Material: Polypropylene valve body  
 Trigger lock  
 Corrosion-resistant lightweight design  
 Choice of threaded or hose inlet connection  
 UniJet® strainer option



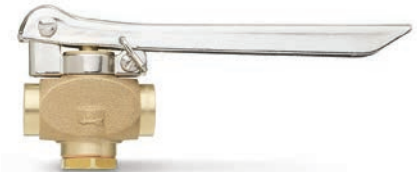
**23623-31-1/4F MeterJet®**

Max. operating pressure: 75 psi (5 bar)  
 Max. temperature: 200°F (93°C)  
 Capacity: 1 to 16 ml metering range  
 Material: Brass valve body  
 Special spring available for low dosage applications  
 Adjustable metering  
 Auto recharge  
 Visual charging indicator



**AA36 Trigger Valve**

Max. operating pressure: 150 psi (10 bar)  
 Max. temperature: 140°F (60°C)  
 Capacity: 7 gpm (27 lpm)  
 Material: Brass or stainless steel valve body  
 Trigger lock  
 Internal strainer with choice of mesh sizes  
 Quick acting "on-off" valve



**D41663-18JAN00V-0H-PA/SS**

Max. operating pressure: 75 psi (5 bar)  
 Max. temperature: 158°F (70°C)  
 Capacity: 3.9 gpm (14.7 lpm)  
 Material: Stainless steel with nylon handle  
 Used with standard air atomizing setups  
 Removable adapter and grip for easy cleaning  
 Hose connectors can be turned in any position  
 Specially designed soft grip improves control and reduces operator fatigue  
 Handle remains comfortable during hot spraying operations



**AA43LC**

Max. operating pressure: 200 psi (14 bar)  
 Max. temperature: 200°F (93°C)  
 Capacity: 15 gpm (57 lpm)  
 Material: Brass, aluminum or stainless steel valve body with aluminum handle  
 Trigger lock and guard  
 Front inlet  
 Designed to withstand high impact



# LOW PRESSURE GUNJET® SPRAY GUNS

## LOW PRESSURE GUNJET SPRAY GUN OPTIONS

### 4688

Max. operating pressure:  
250 psi (17 bar)  
Max. temperature:  
140°F (60°C)  
Capacity: 2 gpm (7.6 lpm)  
Material: Brass valve body  
Trigger lock  
Quick acting "on-off" valve  
Trigger designed for ease and  
comfort in operation



### 6104

Max. operating pressure:  
250 psi (17 bar)  
Max. temperature:  
140°F (60°C)  
Capacity: 2 gpm (7.6 lpm)  
Material: Brass valve body  
Trigger lock  
Same as 4688 except with  
1/4" NPT or BSPT (F) inlet  
and outlet connections



### 6466

Max. operating pressure: 250 psi (17 bar)  
Max. temperature: 140°F (60°C)  
Capacity: 2 gpm (7.6 lpm)  
Material: Brass valve body  
Internal strainer with  
choice of mesh sizes  
Extra long trigger



### 6590

Max. operating pressure: 250 psi (17 bar)  
Max. temperature: 140°F (60°C)  
Capacity: 2 gpm (7.6 lpm)  
Material: Brass valve body  
Trigger lock  
Extra long trigger



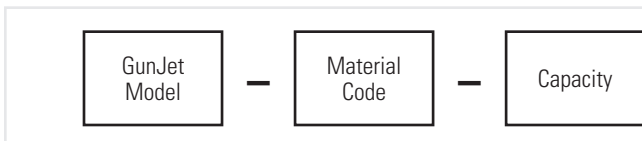
### MATERIAL

### CODE

Aluminum	AL
Brass	No code
Polypropylene	PP
Stainless steel	SS

## ORDERING INFORMATION

### COMPLETE SPRAY GUN ASSEMBLY

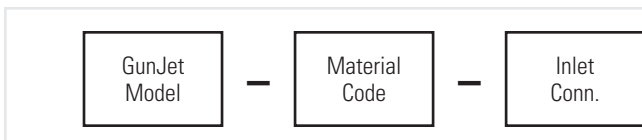


#### Example



BSPT connections require the addition of a "B" in the prefix of the part number. Example: BCU150A.

### COMPLETE SPRAY GUN ASSEMBLY



#### Example



BSPT connections require the addition of a "B" in the prefix of the part number. Example: B22650.












SPECIFICATIONS

Model	Max. Operating Pressure psi (bar)	Capacity gpm (lpm)	Max. Temperature °F (°C)	Inlet Conn. in.	Outlet Conn. in.	Weight oz. (kg)	Spray Tips	Extensions	Adapters/ Swivel Connectors	Spare Parts Kits
<b>AA30L</b>	250 (17)	5 (19)	200 (93)	1/4 NPT or BSPT (F)	11/16–16 UniJet® THD	15 (.43)	TB, TG, TK, TN, TPU, TX UniJet	4673, 6671, 6960, 7715, 9004-SS, 9527, 9702A, 9702C, 9702S, 12086, 13781S, 14975	4676, 20897	AB30L-KIT AB30L-PP-KIT AB30L-VI-KIT
<b>AA30-20940</b>	250 (17)	10 (38)	300 (150)	1/4 NPT or BSPT (F)	–	12 (.34)	–	–	20897	AB30-20940-KIT
<b>23624-30L</b>	75 (5)	1 to 16 ml dosage range	200 (93)	1/4 NPT or BSPT (F)	11/16–16 UniJet THD	24 (.68)	TG, TK, TN, TX UniJet	–	–	AB23624-30L-KIT
<b>AA60-21580</b>	250 (17)	16 (60)	300 (150)	3/8 NPT or BSPT (F)	–	19.25 (.55)	–	–	20897	AB60-21580-KIT, AB60-21580A-KIT
<b>CU150A</b>	150 (10)	10 to 22 (38 to 83)	200 (93)	1/2 NPT or BSPT (F)	–	36 (1)	–	–	36466, 36467	AB63140-KIT  AB63140- 316EPR-KIT
<b>CU150A-AL</b>						22 (.62)				
<b>CU150A-SS</b>						32 (.91)				
<b>22650-PP</b>	150 (10)	2 (7.6)	120 (50)	1/4, 3/8 hose or 1/4 NPT or BSPT (F)	11/16–16 UniJet THD	3 (.08)	5500-PPB ConeJet®	22665	22664, 22673	AB22650-PP-KIT
<b>23623-31</b>	75 (5)	1 to 16 ml metering range	200 (93)	1/4 NPT or BSPT (F)	11/16–16 UniJet THD	21 (.60)	UniJet	–	20897	AB-23623-31-KIT
<b>AA36</b>	150 (10)	7 (27)	140 (60)	1/4, 3/8 NPT or BSPT (F)	1/4, 3/8 NPT or BSPT (F)	11 (.32)	HH FullJet®, VeeJet®	20400-1/4M, 20400-1/8F	4272, 4725, 4754, 5820	AB36-KIT, AB36-SS-KIT, AB36-21140-KIT
<b>D41663- 18JAN00V-OH</b>	75 (5)	Liquid: 15 l/min at 0.5 Mpa (5), Air: 33 Nm3/h at 0.5 Mpa (5)	158 (70)	1/4 NPT or BSPT (F)	1/4 NPT or BSPT (F)	13 (.36)	1/8J, 1/4J air atomizing set-ups	–	–	–
<b>AA43LC</b>	200 (14)	15 (57)	200 (93)	1/2, 3/4 NPT or BSPT (F)	1/2, 3/4 NPT or BSPT (F)	35.25 (1)	FloodJets, FullJets, VeeJets	–	7029, 11990, 13212	AB43-KIT, AB43-AL-KIT
<b>4688</b>	250 (17)	2 (7.6)	140 (60)	1/4 NPT or BSPT (F)	11/16–16 UniJet THD	5 (.14)	TB, TG, TK, TN, TP, TPU, TX UniJet	4673, 6671, 9004-SS, 9527, 9702A, 9702C, 9702S, 12086, 13781S, 14975, 15699	4676	AB4688-KIT
<b>6104</b>	250 (17)	2 (7.6)	140 (60)	1/4 NPT or BSPT (F)	1/4 NPT or BSPT (F)	5 (.14)	FullJets, H-U, H-VV VeeJet	20400-1/4M, 20400-1/8F, CP12087	4676	AB6104-KIT
<b>6466</b>	250 (17)	2 (7.6)	140 (60)	1/4 NPT or BSPT (F)	11/16–16 UniJet THD	5 (.14)	TB, TG, TK, TN, TP, TPU, TX UniJet	4673, 6671, 9004-SS, 9527, 9702A, 9702C, 9702S, 12086, 13781S, 14975, 15699	4676	AB6466-KIT
<b>6590</b>	250 (17)	2 (7.6)	140 (60)	1/4 NPT or BSPT (F)	1/4 NPT or BSPT (F)	6 (.16)	FullJets, H-U, H-VV VeeJet	20400-1/4M, 20400-1/8F, CP12087	4676	AB6590-KIT

Do not exceed the maximum operating pressure of the lowest rated accessory item within the spray system. Contact your sales engineer for additional configuration options.  
See Spraying Systems Co. Hydraulic Spray Products Catalog 75 for spray tip performance data.










## EXTENSIONS FOR LOW PRESSURE GUNJET SPRAY GUNS

Extension	Extension Type	Max. Pressure psi (bar)	Inlet Conn. in.	Outlet Conn. in.	Material	Lengths in. (mm)	Special Features
	<b>6960</b>	100 (7)	11/16–16 UniJet® THD	11/16–16 UniJet THD	Brass	8.5 (216)	Siphon with adjustable flow
	<b>4673</b>	125 (8.6)	11/16–16 UniJet THD	11/16–16 UniJet THD	Brass	18 (457)	Curved with swivel nozzle body
						24 (610)	
						30 (762)	
						36 (914)	
	<b>22665</b>	150 (10)	11/16–16 UniJet THD	11/16–16 UniJet THD	Polyester	15 (381)	
						24 (610)	
	<b>14975</b>	250 (17)	11/16–16 UniJet THD	1/8 NPT or BSPT (M)	Brass	10 (254)	
						18 (457)	
	<b>6671</b>	250 (17)	11/16–16 UniJet THD	11/16–16 UniJet THD	Brass	8 (203)	Curved body
						18 (457)	
						24 (609)	
						30 (762)	
						36 (914)	
	48 (1219)						
	500 (35)	11/16–16 UniJet THD	11/16–16 UniJet THD	Stainless steel	8 (203)		
					18 (457)		
					24 (609)		
					30 (762)		
36 (914)							
48 (1219)							
	<b>7715</b>	250 (17)	11/16–16 UniJet THD	11/16–16 UniJet THD	Brass	8 (203)	
						12 (305)	
						18 (457)	
						24 (610)	
						30 (762)	
	36 (914)						
	48 (1219)						
	500 (35)	11/16–16 UniJet THD	11/16–16 UniJet THD	Stainless steel	8 (203)		
					12 (305)		
					18 (457)		
24 (610)							
30 (762)							
36 (914)							
48 (1219)							
	<b>9527</b>	1000 (69)	11/16–16 UniJet THD	11/16–16 UniJet THD	Brass	8 (203)	Curved, rubber insulated
						18 (457)	
						24 (610)	
						36 (914)	
48 (1219)							
	<b>15699</b>	1000 (69)	11/16–16 UniJet THD	11/16–16 UniJet THD	Brass	8 (203)	Rubber insulated. (8"/203 mm length not rubber insulated)
						18 (457)	
						24 (610)	
						36 (914)	
48 (1219)							
	<b>12086</b>	1000 (69)	11/16–16 UniJet THD	11/16–16 UniJet THD	Aluminum with brass ferrules	8 (203)	
						18 (457)	
						24 (610)	
						36 (914)	
48 (1219)							
	<b>CP12087</b>	1000 (69)	1/4 NPT or BSPT (M)	1/4 NPT or BSPT (M)	Aluminum	8 (203)	
						18 (457)	
						24 (610)	
						36 (914)	
48 (1219)							

Do not exceed the maximum operating pressure of the lowest rated accessory item within the spray system. Contact your sales engineer for additional material or size options.



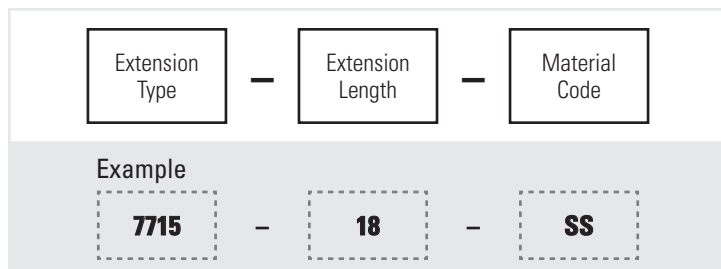


Extension	Extension Type	Max. Pressure psi (bar)	Inlet Conn. in.	Outlet Conn. in.	Material	Lengths in. (mm)	Special Features
	<b>9702A</b>	2000 (138)	11/16–16 UniJet THD	–	Mild steel	8 (203)	Projects spray at 90° angle to inlet. Usually supplied with 7890 inlet cap and a tungsten carbide spray tip (order cap and tip separately) Refer to Data Sheet 9702-1
10 (254)							
18 (457)							
24 (610)							
30 (762)							
36 (914)							
48 (1219)							
60 (1524)							
	<b>9702C</b>	2000 (138)	11/16–16 UniJet THD	–	Mild steel	8 (203)	Curved body. Usually supplied with 7890 inlet cap and a tungsten carbide spray tip (order cap and tip separately) Refer to Data Sheet 9702-1
10 (254)							
18 (457)							
24 (610)							
30 (762)							
36 (914)							
48 (1219)							
60 (1524)							
	<b>9702S</b>	2000 (138)	11/16–16 UniJet THD	–	Mild steel	8 (203)	Usually supplied with 7890 inlet cap and a tungsten carbide spray tip (order cap and tip separately) Refer to Data Sheet 9702-1
10 (254)							
18 (457)							
24 (610)							
30 (762)							
36 (914)							
48 (1219)							
60 (1524)							
	<b>13781S</b>	2000 (138)	11/16–16 UniJet THD	1/4–28	Mild steel	10 (254)	Usually supplied with 7890 inlet cap and 13783 hollow cone spray tip (order cap and tip separately) Refer to Data Sheet 13775
16 (406)							
48 (1219)							
	<b>20400-1/4M</b>	3000 (207)	1/4 NPT or BSPT (M)	1/4 NPT or BSPT (M)	Stainless steel or zinc-plated steel	18 (457)	Neoprene insulated cover
36 (914)							
	<b>20400-1/8F</b>	3000 (207)	1/4 NPT or BSPT (M)	1/8 NPT or BSPT (F)	Stainless steel or zinc-plated steel	18 (457)	Neoprene insulated cover
36 (914)							
	<b>9004-SS</b>	4000 (275)	11/16–16 UniJet THD	11/16–16 UniJet THD	Stainless steel	4 (101.6)	
8 (203)							
12 (305)							
18 (457)							
24 (610)							
36 (914)							
40 (1016)							
60 (1524)							
72 (1829)							
84 (2133)							
96 (2438)							

Do not exceed the maximum operating pressure of the lowest rated accessory item within the spray system. Contact your sales engineer for additional material or size options.

## ORDERING INFORMATION

### COMPLETE EXTENSION ASSEMBLY



BSPT connections require the addition of a "B" in the prefix of the part number. Example: B20400.







## MATERIAL

## CODE

Aluminum	AL
Brass	No code
Polyester	PYR
Mild steel	I
Stainless steel	SS
Zinc-plated steel	IZP



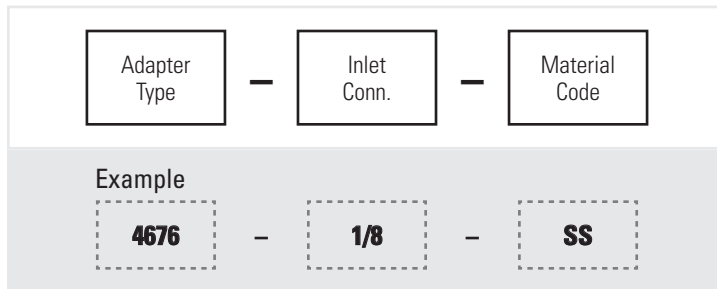
## ADAPTERS FOR LOW PRESSURE GUNJET SPRAY GUNS

Adapter	Adapter Type	Max. Pressure psi (bar)	Inlet Conn. in.	Outlet Conn. in.	Material
	<b>14269</b>	125 (8.6)	3/4" garden hose (F)	1/4 NPS or NPT (F)	Brass
	<b>20897</b>	125 (8.6)	3/4" garden hose (F)	1/4 NPT or BSPT (M)	Brass
	<b>13212</b>	150 (10.4)	3/4" garden hose (F)	3/8, 1/2 NPT or BSPT (M)	Brass
	<b>22664 (straight)</b>	150 (10.4)	11/16–16 UniJet® THD	11/16–16 UniJet THD	Polypropylene
	<b>22673 (45°)</b>				
	<b>7029</b>	500 (34.4)	3/4" garden hose (F)	1/2 NPT or BSPT (M)	Brass
	<b>4676</b>	1000 (69)	11/16–16 UniJet THD	1/8, 1/4, 3/8, 1/2, 3/4 NPT or BSPT (F)	Brass
	<b>4676-__-SS</b>	2000 (138)			Stainless steel

Do not exceed the maximum operating pressure of the lowest rated accessory item within the spray system. Contact your sales engineer for additional options.

## ORDERING INFORMATION

### COMPLETE ADAPTER ASSEMBLY



BSPT connections require the addition of a "B" in the prefix of the part number. Example: B4676.

### MATERIAL

### CODE

Brass	No code
Polypropylene	PP
Stainless steel	SS

## SPARE PARTS KITS FOR LOW PRESSURE GUNJET SPRAY GUNS

Spare Parts Kit	Kit includes:
<b>AB30L-KIT</b>	Valve seat, stem sub-assembly, cup packing, gasket, spring
<b>AB30L-VI-KIT</b>	
<b>AB30L-PP-KIT</b>	Cap, valve seat, cup packing
<b>AB30-20940-KIT</b>	Cap sub-assembly, valve seat ring & tip sub-assembly, stem sub-assembly, packing cup, gasket
<b>AB36-KIT</b>	O-rings, washer, valve seat, valve spring, gasket
<b>AB36-SS-KIT</b>	O-rings, washer, valve seat, valve spring
<b>AB36-21140-KIT</b>	Valve stem, O-rings, gasket, spring
<b>AB43-KIT</b>	Gasket, seat plug, seat plate, washer & core sub-assembly, packing washer, packings
<b>AB43-AL-KIT</b>	
<b>AB60-21580-KIT</b>	Pintle, seat, main stem & seat holder sub-assembly, spring, cup packing, back-up ring, seat plug gasket
<b>AB60-21580A-KIT</b>	

Spare Parts Kit	Kit includes:
<b>AB4688-KIT</b>	Gasket, valve spring, valve stem sub-assembly, guide sleeve, O-ring
<b>AB6104-KIT</b>	Gasket, valve spring, valve stem sub-assembly, guide sleeve, O-ring
<b>AB6466-KIT</b>	Gasket, valve spring, valve stem sub-assembly, guide sleeve, O-ring
<b>AB6590-KIT</b>	Gasket, valve spring, valve stem sub-assembly, guide sleeve, O-ring
<b>AB22650-PP-KIT</b>	Spring, diaphragm, O-ring
<b>AB23623-31-KIT</b>	Packings, spring, stem sub-assembly, valve seat, O-ring
<b>AB23624-30L-KIT</b>	Valve seat, main stem sub-assembly, O-ring, cup packing, gasket, spring
<b>AB63140-KIT</b>	Main stem, O-ring, rivet
<b>AB63140-316EPR-KIT</b>	

