



MEDIUM PRESSURE GUNJET® SPRAY GUNS

ADHESIVE SPRAY · PARTS WASHING
AIR BLOW-OFF · FILTER CLEANING
PRODUCT COATING · CAR WASHING
PAINTING · CHEMICAL COATING
PEST CONTROL · SANITATION



MEDIUM PRESSURE SPRAY GUNS INTRODUCTION



MEDIUM 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
- Designed for use with UniJet® spray tips to meet a wide variety of pattern and flow specifications
- Standard one-piece nozzles, such as VeeJet® flat spray nozzles, can be used when mated with proper adapters
- 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
- For safety, trigger guards are designed to prevent accidental discharge
- 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



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MEDIUM PRESSURE GUNJET® SPRAY GUNS

OVERVIEW:

MEDIUM PRESSURE GUNJET SPRAY GUNS

- Capacity ranging from 5 gpm (19 lpm) to 15 gpm (57 lpm)
- Maximum pressure ranging from 250 psi (17 bar) to 1000 psi (69 bar)
- Available outlet adapters convert any standard thread allowing the attachment of many optional accessories
- Designed for use with UniJet spray tips to meet a wide variety of pattern and flow specifications

See page C6 for gun and tip compatibility table and pages E10-E11 for specific tip information.



MEDIUM PRESSURE GUNJET DISPOSABLE SPRAY GUN OPTIONS

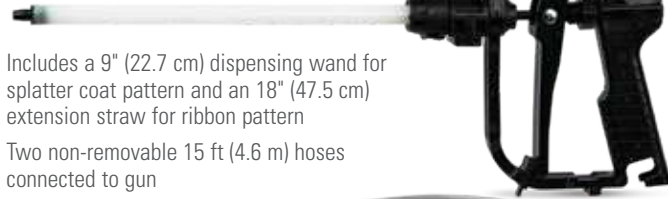
AA2-Foam

Max. operating pressure: 300 psi (21 bar)

Max. temperature: 50°F (66°C)

Material: Polypropylene

Two-fluid spray gun for foam adhesives



Includes a 9" (22.7 cm) dispensing wand for splatter coat pattern and an 18" (47.5 cm) extension straw for ribbon pattern

Two non-removable 15 ft (4.6 m) hoses connected to gun

For use with adhesives

Extension Straw

AA23L-45885-PP

Max. pressure: 250 psi (17 bar)

Max. temperature: 200°F (93°C)

Material: Polypropylene

Trigger guard

Stop adjusting nut provides metered flow capabilities

Includes one non-removable 15 ft. (4.6 m) hose connected to gun

For use with adhesives



MEDIUM PRESSURE GUNJET SPRAY GUN OPTIONS

AA23L

Max. operating pressure: 250 psi (17 bar)

Max. temperature: 200°F (93°C)

Capacity: 5 gpm (19 lpm)

Material: Nickel-plated steel valve body with aluminum handle (23L-SS features stainless steel inlet body and tip retainer)

Trigger guard

Four finger trigger for ease of operation



36533-60

Max. operating pressure: 600 psi (41 bar)

Max. temperature: 200°F (93°C)

Capacity: 12 gpm (45 lpm)

Material: Brass valve body with nylon handle

Trigger lock and guard

Smooth and easy to operate

Designed to withstand high impact



MEDIUM PRESSURE GUNJET SPRAY GUN OPTIONS

AA23L-45885

Max. operating pressure: 250 psi (17 bar)
 Max. temperature: 200°F (93°C)
 Capacity: 0.7 gpm (2.7 lpm)
 Material: Nickel-plated steel valve body with aluminum handle
 Trigger guard
 Stop adjusting nut provides metered flow capabilities
 Tapered needle
 Threaded valve seat



AA23H

Max. operating pressure: 1000 psi (69 bar)
 Max. temperature: 200°F (93°C)
 Capacity: 5 gpm (19 lpm)
 Material: Nickel-plated steel valve body with aluminum handle (23H-SS features stainless steel inlet body and tip retainer)
 Trigger guard
 Four finger trigger for ease of operation



AA43HC

Max. operating pressure: 800 psi (55 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
 Higher operating pressure than 43LC



D41663-23L-QJ-PA/SS

Max. operating pressure: 300 psi (20 bar)
 Max. temperature: 158°F (70°C)
 Capacity: 11 gpm (40 lpm)
 Material: Stainless steel valve body with nylon handle
 Quick change of sealing unit
 Specially designed softgrip improves control
 Grip remains cool during hot spraying operations
 Wetted parts are made of FDA compliant materials



AA31

Max. operating pressure: 500 psi (35 bar)
 Max. temperature: 200°F (93°C)
 Capacity: 5 gpm (19 lpm)
 Material: Brass valve body
 Optional trigger lock
 Can be used with air
 Positive trigger action for drip-free shut off



AA31-63830BR

Max. operating pressure: 500 psi (35 bar)
 Max. temperature: 200°F (93°C)
 Capacity: 5 gpm (19 lpm)
 Material: Brass valve body and extension
 Extension length options: 8" (203 mm), 18" (457 mm), 24" (610 mm), or 36" (914 mm)
 Internal shut-off cable provides shut-off at the spray tip
 Easy nozzle changeout – nozzle seat screws into the end of the extension



ORDERING INFORMATION

COMPLETE SPRAY GUN ASSEMBLY

GunJet Model	—	Inlet Material Code	Example	—	
			AA23L	—	SS

MATERIAL

CODE

Brass	No code
Stainless steel	SS

COMPLETE AA31-63830BR SPRAY GUN ASSEMBLY

GunJet Model	—	Extension Length	Example	—	
			AA31-63830BR	—	8

BSPT connections require the addition of a "B" in the prefix of the part number. Example: AAB43HC.

MEDIUM PRESSURE GUNJET® SPRAY GUNS

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
AA2-Foam-15	300 (21)	2.3 (8.7)	50 (66)	1/4JIC (F) on hose	1/4 Turn Quick UniJet	10 (.28)	TPU UniJet	117185-10-NY Static Mixer Ext Asby/Kit	–	–
AA23L-45885-PP	250 (17)	0.7 (2.7)	200 (93)	1/4JIC (F) on hose	1/4 Turn Quick UniJet	6 (.17)	TPU UniJet	–	–	–
AA23L	250 (17)	5 (19)	200 (93)	1/4 NPS (M)	11/16–16 UniJet THD	15 (.43)	TB, TG, TK, TN, TPU, TX UniJet	6671, 7715, 9004-SS, 9527, 12086, 14975, 15699	4676, 7599, 8603, 8604, 11990, 14269, 14643	AB23L-KIT, AB23L-SS-KIT, AB23L-7676-KIT, AB23L-7676-SS-KIT
36533-60	600 (41)	12 (45)	200 (93)	3/8 NPT or BSPT (F)	11/16–16 UniJet® THD	16 (.45)	EG, TG, TK, TN, TPU UniJet	9004-SS, 20400-1/4M*, 20400-1/8F*	4676, 11990, 13212, 14643	AB36533-60-KIT
AA23L-45885	250 (17)	0.7 (2.7)	200 (93)	1/4 NPS (M)	11/16–16 UniJet THD	16 (.45)	TPU UniJet	6671, 7715, 9004-SS, 9527, 12086, 14975, 15699	4676, 7599, 8603, 8604, 11990, 14269, 14643	AB23L-45885-KIT, AB23L-45885-SS-KIT
AA23H	1000 (69)	5 (19)	200 (93)	1/4 NPS (M)	11/16–16 UniJet THD	16 (.45)	EG, TC, TG, TK, TN, TN-SSTC, TP, TP-TC, TPU UniJet	9004-SS, 9527, 9702A, 9702C, 9702S, 12086, 13781S, 15699	4676, 7599, 8603, 8604, 11990, 14269, 14643	AB23H-KIT AB23H-SS-KIT
AA43HC	800 (55)	15 (57)	200 (93)	1/2, 3/4 NPT or BSPT (F)	1/2, 3/4 NPT or BSPT (F)	35.25 (1)	FloodJet®, FullJet®, VeeJet®	–	7029, 11990	AB43-KIT, AB43-AL-KIT, AB43B-KIT, AB43C-KIT, AB43D-KIT, AB43-11767-KIT, AB43-12605-KIT, AB43-20962-KIT
D41663-23L-QJ-PA/SS	300 (20)	10.5 (40)	158 (70)	1/4 BSPP (M)	–	13 (.36)	UniJet	–	–	–
AA31	500 (35)	5 (19)	200 (93)	1/4 NPS (M) or NPT or BSPT (F)	11/16–16 UniJet THD	12.5 (.35)	EG, TB, TG, TK, TN, TP, TPU UniJet	6671-SS, 7715-SS, 9004-SS, 9527, 12086, 15699	4676, 7599, 8603, 8604, 11990, 14269, 14643	AB31-KIT, AB31-39430-KIT, AB31-9525-KIT, AB31-PGA-KIT
AA31-63830BR	500 (35)	5 (19)	200 (93)	1/4 NPT or BSPT (F)	11/16-16 UniJet THD	Varies based on extension length	EG, TB, TG, TK, TN, TP, TPU UniJet	Extension included	–	AB31-KIT







* Use with adapter 4676.

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 MEDIUM PRESSURE GUNJET SPRAY GUNS

Extension	Extension Type	Max. Pressure psi (bar)	Inlet Conn. in.	Outlet Conn. in.	Material	Lengths in. (mm)	Special Features
	14975	250 (17)	11/16-16 UniJet THD	1/8 NPT or BSPT (M)	Brass	10 (254)	
						18 (457)	
	6671	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)	
	500 (35)	11/16-16 UniJet THD	11/16-16 UniJet THD	Stainless steel	48 (1219)		
					8 (203)		
					18 (457)		
					24 (609)		
					30 (762)		
	7715	250 (17)	11/16-16 UniJet THD	11/16-16 UniJet THD	Brass	8 (203)	
						12 (305)	
						18 (457)	
						24 (610)	
						30 (762)	
	500 (35)	11/16-16 UniJet THD	11/16-16 UniJet THD	Stainless steel	36 (914)		
					48 (1219)		
					8 (203)		
					12 (305)		
					18 (457)		
	9527	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)	
	15699	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)	
	12086	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)	

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.

EXTENSIONS FOR MEDIUM PRESSURE GUNJET SPRAY GUNS

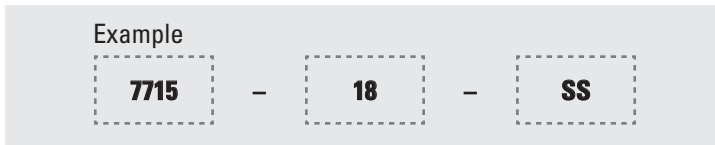
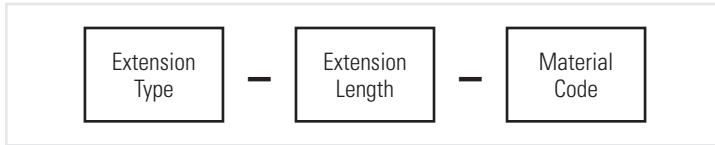
Extension	Extension Type	Max. Pressure psi (bar)	Inlet Conn. in.	Outlet Conn. in.	Material	Lengths in. (mm)	Special Features
	9702A	2000 (138)	11/16–16 UniJet THD	–	Mild steel	8 (203)	Projects spray at 90° angle to inlet. Usually supplied with 7890 inlet cap and a tungsten carbide spray tip (order cap and tip separately) Refer to Data Sheet 9702-1
						10 (254)	
						18 (457)	
						24 (610)	
						30 (762)	
						36 (914)	
						48 (1219)	
60 (1524)							
	9702C	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)							
	9702S	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)							
	13781S	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)	
	20400-1/4M	3000 (207)	1/4 NPT or BSPT (M)	1/4 NPT or BSPT (M)	Stainless steel or nickel-plated steel	18 (457)	Neoprene insulated cover
						36 (914)	
	20400-1/8F	3000 (207)	1/4 NPT or BSPT (M)	1/8 NPT or BSPT (F)	Stainless steel or nickel-plated steel	18 (457)	Neoprene insulated cover
						36 (914)	
	9004-SS	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

Brass	No code
Mild steel	I
Stainless steel	SS
Zinc-plated steel	IZP

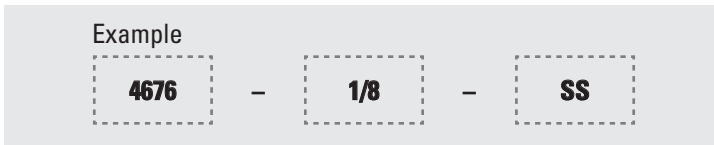
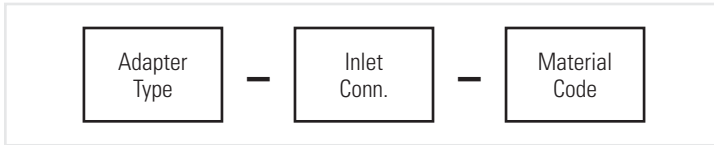
ADAPTERS FOR MEDIUM PRESSURE GUNJET SPRAY GUNS

Adapter	Adapter Type	Max. Pressure psi (bar)	Inlet Conn. in.	Outlet Conn. in.	Material
	4676	1000 (69)	11/16–16 UniJet THD	1/8, 1/4, 3/8, 1/2, 3/4 NPT or BSPT (F)	Brass
	7599	1000 (69)	1/4, 3/8 NPT or BSPT (F)	1/4, 3/8 NPS	Nickel-plated brass
	4676-__-SS	2000 (138)	11/16–16 UniJet THD	1/8, 1/4, 3/8, 1/2, 3/4 NPT or BSPT (F)	Stainless steel
	7599-__-SS	2000 (138)	1/4, 3/8 NPT or BSPT (F)	1/4, 3/8 NPS	Stainless steel
	14643	4000 (275)	11/16–16 UniJet® THD	1/8, 1/4 NPT or BSPT (F)	Nickel-plated steel, 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
Nickel-plated brass	NP
Nickel-plated steel	INP
Stainless steel	SS

SPARE PARTS KITS FOR MEDIUM PRESSURE GUNJET SPRAY GUNS

Spare Parts Kit	Kit includes:
AB23H-KIT	Valve seat, main stem assembly, cup packing, main spring
AB23H-SS-KIT	
AB23L-KIT	Valve seat, main stem assembly, cup packing, main spring
AB23L-SS-KIT	
AB23L-7676-KIT	Main spring, cup packing, stem end, valve seat
AB23L-7676-SS-KIT	
AB23L-45885-KIT	Valve seat retainer sub-assembly, packings, main spring, spring
AB23L-45885-SS-KIT	
AB31-KIT	Seat, stem & guide sub-assembly, spring, packings
AB31-9525-KIT	Seat, stem & guide sub-assembly, spring, packings
AB31-39430-KIT	Valve seat ring & tip sub-assembly, stem sub-assembly, spring, packings

Spare Parts Kit	Kit includes:
AB31-PGA-KIT	Tip gasket, gaskets, seat plug gasket, packings
AB43-KIT	Gasket, seat plug, seat plate, washer & core sub-assembly, packing washer, packings
AB43-AL-KIT	
AB43B-KIT	Seat plate, packings
AB43C-KIT	
AB43D-KIT	
AB43-11767-KIT	Seat plate, retaining ring, gasket, packings
AB43-12605-KIT	Seat plate, retaining ring, gasket, packings
AB43-20962-KIT	Seat plate, packings
AB36533-60-KIT	Screw, seat, main stem & seat holder sub-assembly, spring, cup packing, back-up ring, seat plug gasket

