FRL Selection Guide

Diaphragm Pump

Diaphragm Model	Size Pump	GPM	Ratio	Fluid Inlet/Outlet	Air Inlet	Recommended Filter/Regulator	Recommended Lubricator
PD02P-AXX-XXX	1/4"	4.6	1:1	1/4"	1/4"	P29122-100	L26121-100
66605J-XXX	1/2"	13	1:1	1/2"	1/4"	P29221-610	L26221-110
6661X3-XXX-C	1"	35	1:1	1"	1/4"	P29221-610	L26221-110
6661X3-XXX-C	1"	40	1:1	1"	1/4"	P29221-610	L26221-110
6661XX-XXX-C	1-1/2"	90	1:1	1½"	1/2"	P29241-610	L26241-110
6661XX-2A4-C	1"	12-25	3:1	1"	3/8"	P29231-610	L26231-110
650709-C	1"	29	1:1	1"	1/4"	P29221-610	L26221-110
650717-C	1"	29	1:1	1"	1/4"	P29221-610	L26221-110
650710-C	1½"	75	1:1	1½"	1/2"	P29241-610	L26241-110
650718-C	1½"	75	1:1	1½"	1/2"	P29241-610	L26241-110
650719-C	2"	105	1:1	2"	1/2'	P29241-610	L26241-110
650711-C	2"	105	1:1	2"	1/2"	P29241-610	L26241-110

Diaphragm Model	Size Pump	GPM	Ratio	Fluid Inlet/Outlet	Air Inlet	Recommended Filter	Recommended Regulator	Recommended Lubricator
6662XX-XXX-C	2"	145	1:01	2"	3/4"	F25451-110	R27451-100	L26451-110
PD20X-AXX-XXX	2"	170	1:01	2"	3/4"	F25451-110	R27451-100	L26451-110
PF20X-XXX-XXX	2" Flap	170	1:01	2"	3/4"	F25451-110	R27451-100	L26451-110
PD30X-XXX-XXX	3"	275	1:01	3"	3/4"	F25451-110	R27451-100	L26451-110

Safety Blow Guns

ARO Safety Blow Guns are designed to prevent pressure buildup above 29 PSIG if nozzle is obstructed [to meet OSHA requirement 29 CFR1910.242(b)]. The composite bodied guns on this page are extremely lightweight and corrosion resistant.



8440

Features

Model 8440 - Our most popular blow gun!

- Built-in orifice and non-removable relieved tip prevent pressure buildup above 29 PSIG, if nozzle is obstructed.
- Provides greater chip removal force with less air consumption.
- Tough polyester body offers corrosion resistance.
- Shop safety yellow color makes for easy identification.
- Weighs just 2.7 oz., for easy handling.
- Thumb-actuated lever throttle provides excellent flow control.
- Hook-shaped body for convenient storage when not in use.

INLET PSI	PSI AT TIP DEAD END	CFM AT TIP	NOISE LEVEL dB(A)
30	5.0	4	78
60	12.0	6	81
90	12.6	8	85
100	12.8	9	87
120	16.2	11	89
150	21.0	12	90
180	27.0	14	90

Performance Specifications

Max. Inlet Pressure: 180 PSIG (12 bar)
Regulated Pressure: 29 PSIG (2 bar) max.
Temperature Range: 32° to 175° F (0° to 79° C)
Inlet Size: 1/4" NPT (female)
Weight: 2.7 oz.

CAUTION: These blow guns should not be used for fluids other than compressed air, nor in applications which may exceed maximum recommended operating conditions.

Proper eye protection should always be worn when operating these devices.

To order, specify Model 8440. For BSP threads. (Consult Factory)

Features

Composite Body

ARO Safety Blow Guns are designed to prevent pressure buildup above 29 PSIG if nozzle is obstructed [to meet OSHA requirement 29 CFR1910.242(b)]. The composite bodied guns on this page are extremely lightweight and corrosion resistant.

Models 8338, 8338-1 & 8338-2

Internal regulation offers tamper resistance!

- Unique built-in internal regulation, as compared to the traditional thru-the-tip design, helps ensure compliance with OSHA requirement against pressure buildup.
- Tough polyester body provides corrosion resistance.
- Lightweight, ergonomic design offers easy, comfortable handling.
- Hand lever actuation provides excellent flow control.
- Slim barrel design allows access into hard-to-reach places.

CAUTION: These blow guns should not be used for fluids other than compressed air, nor in applications which may exceed maximum recommended operating conditions.

Proper eye protection should always be worn when operating these devices.


8338


8338-1

8338-2

Performance Specifications

Max. Inlet Pressure: 250 PSIG (17 bar)
Regulated Pressure: 29 PSIG (2 bar) max.
Temperature Range: 32° to 175° F (0° to 79° C)
Inlet Size: 1/4" NPT (female)
Weight: 4.8 oz.

INLET PSI	PSI AT TIP DEAD END	CFM AT TIP	NOISE LEVEL dB(A)
30	26.75	6.3	75
60	27.0	10.0	83
90	27.25	13.0	86
100	27.5	13.1	87
120	27.75	13.2	87
150	28.0	13.4	87

Ordering

MODEL	DESCRIPTION
8338	**Standard Tip Gun.** Tapered standard tip concentrates the air stream for efficient chip and dirt removal.
8338-1	**Air Shield Tip Gun.** Tapered air shield tip generates a protective cone for chip deflection.
8338-2	**Rubber Tip Gun.** Tapered rubber tip provides a leakproof connection for blowing out fuel lines and other openings.

Accessories

Tips

(All accessory tips fit the 8338 Series Blow Gun)

MODEL	DESCRIPTION
22101	Brass Tip
22151	Rubber Tip
22180-1	Standard Tip
22180-2	Air Shield Tip
104144	Siphon Tip
33970	10" (254mm) Extension Tip
22180-3	3" (76mm) Extension Tip
22180-6	6" (152mm) Extension Tip


22101


22180-2


22151


104144


22180-1


33970

Features/Specifications

Metal Body

These ARO Safety Blow Guns meet OSHA requirement 29 CFR1910.242(b). They feature rugged die-cast bodies and are ideal for applications where a metal bodied gun is preferred.

Models 7444-J & 7444-K

- OSHA-compliant non-removable pressure relief tip limits back pressure buildup to 29 PSIG.
- Non-removable pinned spring prevents tampering with internal regulation.
- Rugged aluminum casting offers extra durability and corrosion resistance.
- Thumb button throttle provides excellent variable flow control.

Max. Inlet Pressure:	Model 7444-J - 100 PSIG (7 bar) Model 7444-K - 180 PSIG (12 bar)
Regulated Pressure:	29 PSIG (2 bar) max.
Operating Temperature:	32° to 175° F (0° to 79° C)
Inlet Size:	1/4" NPT (female)
Weight:	5.3 oz.

Models 8451-1, 8451-2, 8451-3 & 8451-6

- Designed to prevent pressure buildup above 29 PSIG (to meet OSHA requirements).
- Rugged, chrome plated steel body incorporates convenient hang-up hook.
- Comfortable contoured lever throttle or button throttle provides variable flow control.

Max. Inlet Pressure:	150 PSIG (10.4 bar)
Regulated Pressure:	29 PSIG (2 bar) max.
Operating Temperature:	32° to 175° F (0° to 79° C)
Inlet Size:	1/4" NPT (female)
Weight:	7.0 oz.

CAUTION: These blow guns should not be used for fluids other than compressed air, nor in applications which may exceed maximum recommended operating conditions.

Proper eye protection should always be worn when operating these devices.



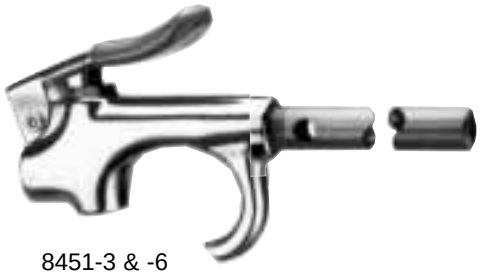
7444-K



8451-1



8451-2



8451-3 & -6

Ordering

MODEL	DESCRIPTION
8451-1	**Standard Tip Gun.** Generates concentrated stream of air. (Lever Throttle)
8451-2	**Shield Tip Gun.** Generates cone of air for chip deflection. (Lever Throttle)
8451-3	**3" (76 mm) Extension Tip.** (Lever Throttle)
8451-6	**6" (152 mm) Extension Tip** (Lever Throttle)

To order, specify Model 7444-J for lower oper-acting pressures (up to 100 PSIG maximum), and Model 7444-K for higher operating pressures (up to 180 PSIG maximum).

Model 7444-J

INLET PSI	PSI AT TIP DEAD END	CFM AT TIP	NOISE LEVEL dB(A)
30	5.0	7.0	72
60	13.5	12.0	82
90	25.5	16.0	87
100	29.0	17.5	90

Model 7444-K

INLET PSI	PSI AT TIP DEAD END	CFM AT TIP	NOISE LEVEL dB(A)
30	1.0	3.5	68
60	4.0	6.5	73
90	8.0	9.0	78
100	9.5	9.6	78
120	13.0	10.5	78
150	19.0	12.7	82
180	25.0	14.8	85

Models 8451-1

INLET PSI	PSI AT TIP DEAD END	CFM AT TIP	NOISE LEVEL dB(A)
30	5.0	4.0	81
60	11.0	7.5	86
90	14.0	11.0	89
120	17.0	14.7	91
150	20.0	18.4	94

Models 8451-2

INLET PSI	PSI AT TIP DEAD END	CFM AT TIP	NOISE LEVEL dB(A)
30	3.0	7.6	79
60	7.0	13.7	85
90	11.0	20.0	89
120	15.0	26.2	93
150	19.0	32.0	95

Models 8451-3 & 8451-6

INLET PSI	PSI AT TIP DEAD END	CFM AT TIP	NOISE LEVEL dB(A)
30	3.0	7.6	81
60	11.0	9.7	85
90	17.0	14.5	89
120	23.0	19.4	90
150	30.0	23.9	92