

# FRL Selection Guide

## Piston Pump

Piston Model	Type Construction	GPM	Ratio	Fluid Inlet/Outlet	Air Inlet	Recommended Filter/Regulator	Recommended Lubricator
612041-X	Carbon Steel	12.3	1:1	3/4"	1/4"	P29221-610	L26221-110
613100-1	Stainless Steel	4	9:1	3/8"	1/2"	P29241-610	L26241-110
NM2328A-11-X	Carbon Steel	0.75	28:1	1/4"	1/4"	P29221-610	L26221-110
NM2304A-11-X11	Carbon Steel	4.2	4:1	1 1/4" / 3/4"	1/4"	P29221-610	L26221-110
NM2304A-41-X11	Carbon Steel	4.2	4:1	1 1/4" / 3/4"	1/4"	P29221-610	L26221-110
650110-XX	Carbon Steel	4	2:1	1"	1/4"	P29221-610	L26221-110
65013X-1	Stainless Steel	4	2:1	1/2"	1/4"	P29221-610	L26221-110
NM2304B-11-X11	Stainless Steel	4.2	4:1	1 1/4" / 3/4"	1/2"	P29241-610	L26241-110
NM2304B-41-X11	Stainless Steel	4.2	4:1	1 1/4" / 3/4"	1/4"	P29221-610	L26221-110
650384-X43	Stainless Steel	2.5	12:1	1"	1/2"	P29241-610	L26241-110
650385-X43	Stainless Steel	1.5	17:1	3/4"	1/4"	P29221-610	L26221-110
650408-X-B	Stainless Steel	4	9:1	3/4"	1/2"	P29241-610	L26241-110
650409-X	Stainless Steel	4	9:1	3/4"	1/2"	P29241-610	L26241-110
650432-XXX-B	Stainless Steel	25	2:1	3/4"	1/4"	P29221-610	L26221-110
650432-X43-B	Carbon Steel	25	2:1	3/4"	1/2"	P29241-610	L26241-110
650437-XXX	Stainless Steel	15		3/4"	1/2"	P29241-610	L26241-110
650453-X	Carbon Steel	4	9:1	3/4"	1/2"	P29241-610	L26241-110
650453-X	Carbon Steel	4	9:1	3/4"	1/2"	P29241-610	L26241-110
650483-X43	Stainless Steel	4.6	11:1	1"	1/2"	P29241-610	L26241-110
650484-X43	Stainless Steel	2.4	22:1	1"	1/2"	P29241-610	L26241-110
650491-X43	Carbon Steel	3.3	12:1	1"	1/2"	P29241-610	L26241-110
650492-X43	Carbon Steel	2.1	23:1	1"	1/2"	P29241-610	L26241-110
650616-X43-B	Carbon Steel	38	3:1	3/4"	1/2"	P29241-610	L26241-110
650632-XXX-B	Carbon Steel	25	4:1	3/4"	1/2"	P29241-610	L26241-110
650634-XXX-B	Stainless Steel	25	4:1	3/4"	1/2"	P29241-610	L26241-110
650635-XXX-B	Stainless Steel	25	4:1	3/4"	1/2"	P29241-610	L26241-110
650636-XXX	Stainless Steel	38	3:1	3/4"	1/2"	P29241-610	L26241-110
650637-X69	Stainless Steel	15	6:1	1 1/4"	1/2"	P29241-610	L26241-110
650638-XXX	Stainless Steel	15	6:1	1 1/4"	1/2"	P29241-610	L26241-110
650683-X43	Stainless Steel	4.6	23:1	1"	1/2"	P29241-610	L26241-110
6711X-P43	Carbon Steel	0.78	21:1	1/2"	1/4"	P29221-610	L26221-110

Piston Model	Type Construction	GPM	Ratio	Fluid Inlet/Outlet	Air Inlet	Recommended Filter	Recommended Regulator	Recommended Lubricator
613112-XXX-B	Stainless Steel	15	10:01	1-1/4"	3/4"	F25451-110	R27451-100	L26451-110
613123-X66-B	Stainless Steel	15	15:01	1-1/4"	3/4"	F25451-110	R27451-100	L26451-110
613124-X36-B	Stainless Steel	15	23:01	1-1/4"	3/4"	F25451-110	R27451-100	L26451-110
650866-X63	Stainless Steel	15	10:01	1-1/4"	3/4"	F25451-110	R27451-100	L26451-110
650867-X63	Stainless Steel	15	15:01	1-1/4"	3/4"	F25451-110	R27451-100	L26451-110
650871-X44-B	Carbon Steel	10.5	13:01	1-1/2"	3/4"	F25451-110	R27451-100	L26451-110
650871-X44-B	Carbon Steel	10.5	13:01	1-1/2"	3/4"	F25451-110	R27451-100	L26451-110
650967-X63	Stainless Steel	15	23:01	1-1/4"	3/4"	F25451-110	R27451-100	L26451-110

# 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	1 1/2"	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	1 1/2"	75	1:1	1 1/2"	1/2"	P29241-610	L26241-110
650718-C	1 1/2"	75	1:1	1 1/2"	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)