



Series 312 - 412 - 600
divorced industrial
air-operated double-
acting pumps
for long distance.
Ideal for distribution of
low to very high viscosity
oils and/or for very high
flow. The double-action
provides a continuous
flow. Particularly effective
in systems equipped
with multiple distribution
points.

COMPATIBLE FLUIDS (page 16)



Low and medium
viscosity fluids



High viscosity fluids

Series 312 2:1 25 gpm



Series 412 3:1 26 gpm



Series 600 4:1 29 gpm



P/N 90D/21-55

Type of seals	polyurethane
Air motor	aluminum - carbon steel
Suction tube	carbon steel
Bung adapter	-
Air inlet connection	1/2" NPT (f)
Fluid inlet connection	2" NPT (f)
Fluid outlet connection	1-1/2" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Deliverable oil temperature	14 - 140 °F
Max. deliverable oil viscosity	240 SAE
Cycles per gallon	7.6
Max. air consumption 120 psi	71 cfm
Suction tube length	24.6"
Suction tube external diameter	3.94"
Type of installations	modular / bulk tank
Packaging - Weight	No. 1 4.2 ft³ lb 99

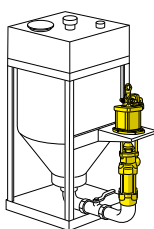
P/N 115D/31-55

Type of seals	polyurethane
Air motor	aluminum - carbon steel
Suction tube	carbon steel
Bung adapter	-
Air inlet connection	1/2" NPT (f)
Fluid inlet connection	2" NPT (f)
Fluid outlet connection	1-1/2" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Deliverable oil temperature	14 - 140 °F
Max. deliverable oil viscosity	240 SAE
Cycles per gallon	7.6
Max. air consumption 120 psi	120 cfm
Suction tube length	24.6"
Suction tube external diameter	3.94"
Type of installations	modular / bulk tank
Packaging - Weight	No. 1 4.2 ft³ lb 101

P/N 150D/41-55

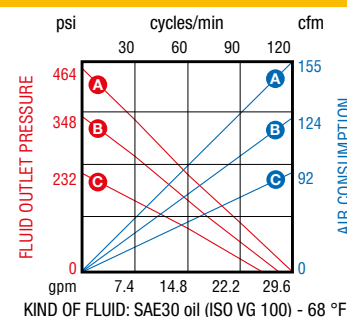
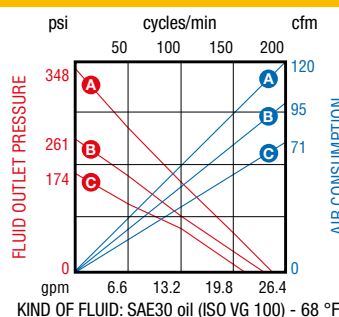
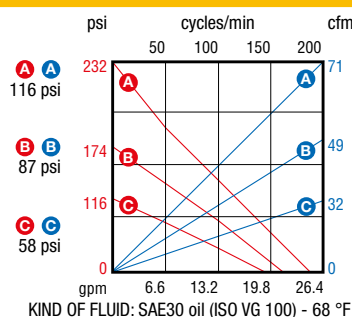
Type of seals	polyurethane
Air motor	aluminum - carbon steel
Suction tube	carbon steel
Bung adapter	-
Air inlet connection	1/2" NPT (f)
Fluid inlet connection	2" NPT (f)
Fluid outlet connection	1-1/2" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Deliverable oil temperature	14 - 140 °F
Max. deliverable oil viscosity	240 SAE
Cycles per gallon	4.0
Max. air consumption 120 psi	155 cfm
Suction tube length	24.6"
Suction tube external diameter	4.73"
Type of installations	modular / bulk tank
Packaging - Weight	No. 1 4.2 ft³ lb 136

TYPE OF INSTALLATIONS



modular/bulk tank

PUMP PERFORMANCE





Series 600 and 700 divorced industrial air-operated double-acting pumps for long distance.
Ideal for distribution of low to very high viscosity oils and/or very high flow. The double-action provides a continuous flow. Particularly effective in systems equipped with multiple distribution points.

COMPATIBLE FLUIDS (page 16)

MO Low and medium viscosity fluids

HO High viscosity fluids

Series 600 6:1 21 gpm



Series 700 5:1 23 gpm



Series 700 8:1 17 gpm



P/N 150D/61-55

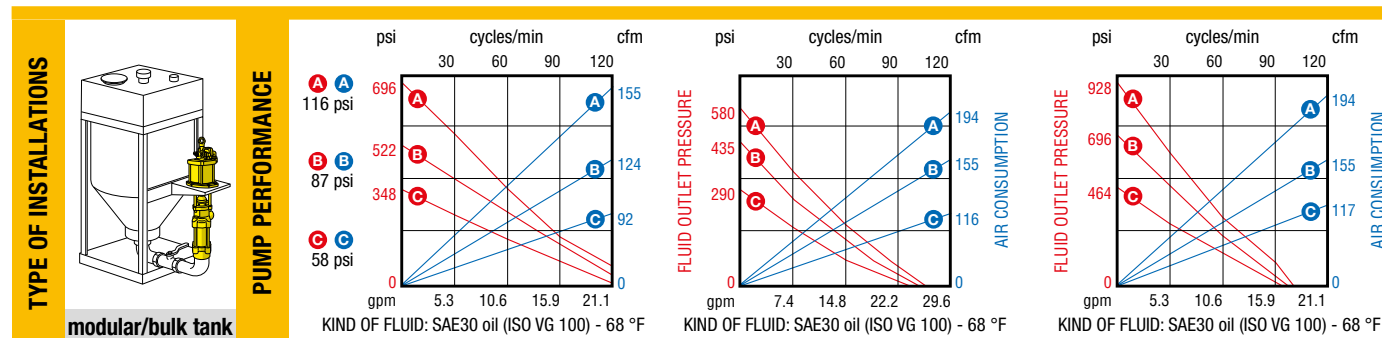
P/N 180D/51-55

P/N 180D/81-55

Type of seals	polyurethane
Air motor	aluminum - carbon steel
Suction tube	carbon steel
Bung adapter	-
Air inlet connection	1/2" NPT (f)
Fluid inlet connection	2" NPT (f)
Fluid outlet connection	1-1/2" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Deliverable oil temperature	14 - 140 °F
Max. deliverable oil viscosity	240 SAE
Cycles per gallon	5.7
Max. air consumption 120 psi	155 cfm
Suction tube length	24.6"
Suction tube external diameter	3.94"
Type of installations	modular / bulk tank
Packaging - Weight	No. 1 4.2 ft³ lb 115

polyurethane
aluminum - carbon steel
carbon steel
-
1/2" NPT (f)
2" NPT (f)
1-1/2" NPT (f)
90 - 120 psi
80 dB
14 - 140 °F
240 SAE
4.0
194 cfm
24.6"
4.73"
modular / bulk tank
No. 1 4.2 ft³ lb 142

polyurethane
aluminum - carbon steel
carbon steel
-
1/2" NPT (f)
2" NPT (f)
1-1/2" NPT (f)
90 - 120 psi
80 dB
14 - 140 °F
240 SAE
5.7
194 cfm
24.6"
3.94"
modular / bulk tank
No. 1 4.2 ft³ lb 125





Series 312 divorced industrial air-operated double-acting pumps for long distance.
Ideal for distribution of low to very high viscosity and aggressive fluids.
The double-action provides a continuous flow. Particularly effective in systems equipped with multiple distribution points.

COMPATIBLE FLUIDS (page 16)



Low and medium viscosity fluids



High viscosity fluids



Antifreeze

**Series 312 5:1
12 gpm**



**Series 312 7:1
8 gpm**



**Series 312 11:1
8 gpm**



P/N 90D/51-55

Type of seals	Teflon®
Air motor	aluminum - carbon steel
Suction tube	carbon steel
Bung adapter	-
Air inlet connection	1/2" NPT (f)
Fluid inlet connection	1" NPT (f)
Fluid outlet connection	3/4" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Deliverable oil temperature	14 - 140 °F
Max. deliverable oil viscosity	240 SAE
Cycles per gallon	16.8
Max. air consumption 120 psi	64 cfm
Suction tube length	18.9"
Suction tube external diameter	2.44"
Type of installations	modular
Packaging - Weight	No. 1 2.0 ft³ lb 36

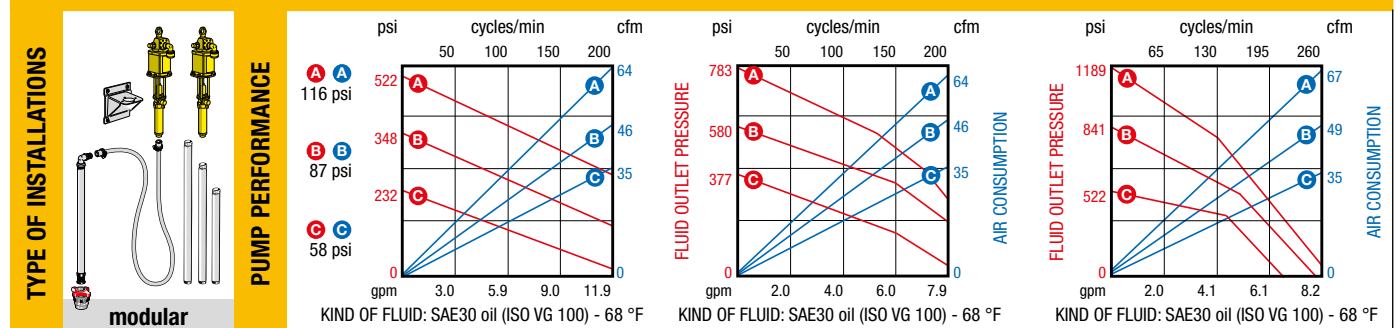
P/N 90D/71-55

Type of seals	Teflon®
Air motor	aluminum - carbon steel
Suction tube	carbon steel
Bung adapter	available on request (P/N 10/15-55)
Air inlet connection	1/2" NPT (f)
Fluid inlet connection	1" NPT (f)
Fluid outlet connection	3/4" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Deliverable oil temperature	14 - 140 °F
Max. deliverable oil viscosity	240 SAE
Cycles per gallon	25.3
Max. air consumption 120 psi	64 cfm
Suction tube length	18.9"
Suction tube external diameter	2.09" *
Type of installations	modular
Packaging - Weight	No. 1 2.0 ft³ lb 34

P/N 90D/111-55

Type of seals	Teflon®
Air motor	aluminum - carbon steel
Suction tube	carbon steel
Bung adapter	available on request (P/N 10/14-55)
Air inlet connection	1/2" NPT (f)
Fluid inlet connection	1" NPT (f)
Fluid outlet connection	3/4" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Deliverable oil temperature	14 - 140 °F
Max. deliverable oil viscosity	240 SAE
Cycles per gallon	31.7
Max. air consumption 120 psi	67 cfm
Suction tube length	18.9"
Suction tube external diameter	1.77"
Type of installations	modular
Packaging - Weight	No. 1 2.0 ft³ lb 35

* suitable for standard 2" opening





Series 412 divorced industrial air-operated double-acting pumps for long distance.
Ideal for distribution of low to very high viscosity and aggressive fluids. The double-action provides a continuous flow. Particularly effective in systems equipped with multiple distribution points.

Series 412 9:1 12 gpm



Series 412 12:1 8 gpm



Series 412 18:1 6 gpm



COMPATIBLE FLUIDS (page 16)

MO Low and medium viscosity fluids

HO High viscosity fluids

AD Antifreeze

P/N 115D/91-55

Type of seals	Teflon®
Air motor	carbon steel
Suction tube	carbon steel
Bung adapter	-
Air inlet connection	1/2" NPT (f)
Fluid inlet connection	1" NPT (f)
Fluid outlet connection	3/4" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Deliverable oil temperature	14 - 140 °F
Max. deliverable oil viscosity	240 SAE
Cycles per gallon	16.8
Max. air consumption 120 psi	113 cfm
Suction tube length	18.9"
Suction tube external diameter	2.44"
Type of installations	modular / bulk tank
Packaging - Weight	No. 1 2.0 ft³ lb 39

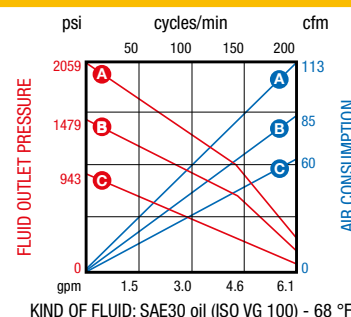
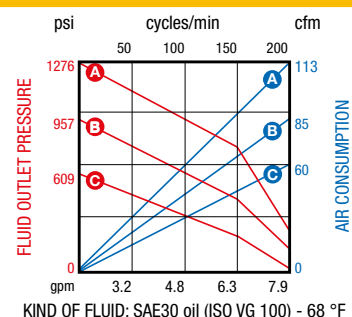
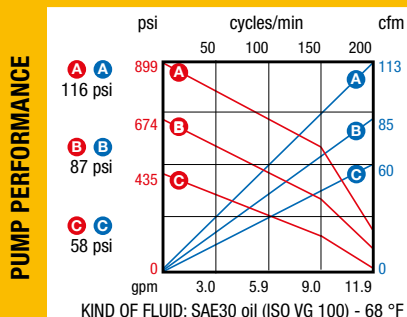
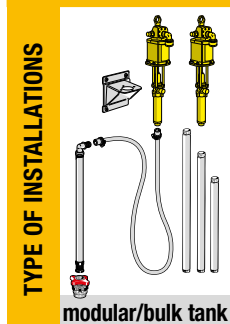
P/N 115D/121-55

Type of seals	Teflon®
Air motor	carbon steel
Suction tube	carbon steel
Bung adapter	available on request (P/N 10/15-55)
Air inlet connection	1/2" NPT (f)
Fluid inlet connection	1" NPT (f)
Fluid outlet connection	3/4" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Deliverable oil temperature	14 - 140 °F
Max. deliverable oil viscosity	240 SAE
Cycles per gallon	25.3
Max. air consumption 120 psi	113 cfm
Suction tube length	18.9"
Suction tube external diameter	2.09" *
Type of installations	modular / bulk tank
Packaging - Weight	No. 1 2.0 ft³ lb 35

P/N 115D/181-55

Type of seals	Teflon®
Air motor	carbon steel
Suction tube	carbon steel
Bung adapter	available on request (P/N 10/14-55)
Air inlet connection	1/2" NPT (f)
Fluid inlet connection	1" NPT (f)
Fluid outlet connection	3/4" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Deliverable oil temperature	14 - 140 °F
Max. deliverable oil viscosity	240 SAE
Cycles per gallon	32.8
Max. air consumption 120 psi	113 cfm
Suction tube length	18.9"
Suction tube external diameter	1.77"
Type of installations	modular / bulk tank
Packaging - Weight	No. 1 2.0 ft³ lb 35

* suitable for standard 2" opening





Series 312 and 412 divorced industrial stainless steel air-operated double-acting pumps for long distance. Ideal for distribution of low to very aggressive fluids, with great viscosity. The double-action provides a continuous flow. Particularly effective in systems equipped with multiple distribution points.

COMPATIBLE FLUIDS (page 16)

MO	Low and medium viscosity fluids
HO	High viscosity fluids
DE	DEF
AD	Antifreeze
WF	Windshield fluid

Series 312 6:1 11 gpm



Series 312 6:1 11 gpm



Series 412 9:1 11 gpm



P/N 94D/61-55

Type of seals	Teflon® + UHMW-PE
Air motor	stainless steel AISI 304
Suction tube	stainless steel AISI 304
Bung adapter	-
Air inlet connection	1/2" NPT (f)
Fluid inlet connection	1-1/4" (f)
Fluid outlet connection	3/4" NPT (f)
Air working pressure	90 - 120 psi
Noise level	80 dB
Deliverable oil temperature	14 - 140 °F
Max. deliverable oil viscosity	240 SAE
Cycles per gallon	18.0
Max. air consumption 120 psi	64 cfm
Suction tube length	18.9"
Suction tube external diameter	2.36"
Type of installations	modular
Packaging - Weight	No. 1 2.0 ft³ lb 37

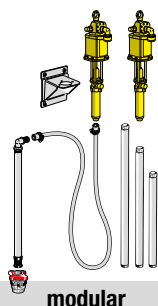
P/N 95D/61-55

Teflon®	
stainless steel AISI 304	
stainless steel AISI 304	
-	
1/2" NPT (f)	
1" (f)	
3/4" NPT (f)	
90 - 120 psi	
80 dB	
14 - 140 °F	
240 SAE	
18.0	
64 cfm	
18.9"	
2.36"	
modular	
No. 1 2.0 ft³ lb 37	

P/N 120D/91-55

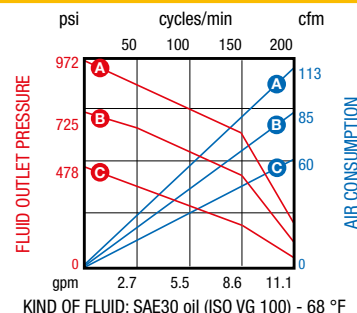
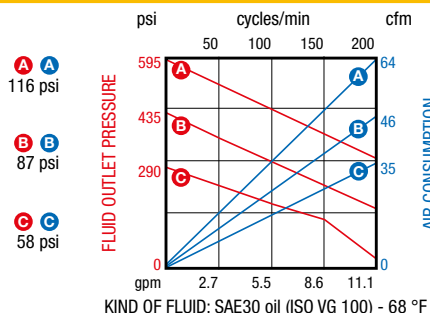
Teflon®	
stainless steel AISI 304	
stainless steel AISI 304	
-	
1/2" NPT (f)	
1" (f)	
3/4" NPT (f)	
90 - 120 psi	
80 dB	
14 - 140 °F	
240 SAE	
18.0	
113 cfm	
18.9"	
2.36"	
modular	
No. 1 2.0 ft³ lb 35	

TYPE OF INSTALLATIONS



modular

PUMP PERFORMANCE





MODULAR OIL KITS



Applied
Lubrication
Technology Inc.

System for oil dispensing from tank, with pump applied on wall or on the tank.

A modular solution for oil delivery with connection to a centralized system or hose reel or directly to the delivery hose. Ideal for distribution from storage zones. Complete with accessories for connection to the compressed air system and dispensing system.



Note: the tank is not part of the kit



Note: the tank is not part of the kit

P/N 36340-55

Modular wall-mounted kit for distribution from tank

Industrial pump	90C/51-55
Hose reel 3/4" - 50'	-
Bung adapter	33434-55
Control valve with digital meter	-
Extensions ø 1.34"	-
Foot valve	-
Flexible suction tube ø 1-1/4"	38026-55
Rigid suction tube 49.6"	38055-55
Pump support bracket	10/10-55
Packaging - Weight	No. 1 3.2 ft³ lb 59

P/N 36631-55

Dispensing kit for oil and allied products with:

- pump 7:1 - 8 gpm inserted centrally
- open hose reel

90C/71-55
8540.411-55
10/15-55
37774-55
10/23-55
10/20-55
-
-
36602-55
No. 1 10.2 ft³ lb 154

