

# 1/2" AIR DIAPHRAGM PUMP w/Self-lubricating air valve assembly

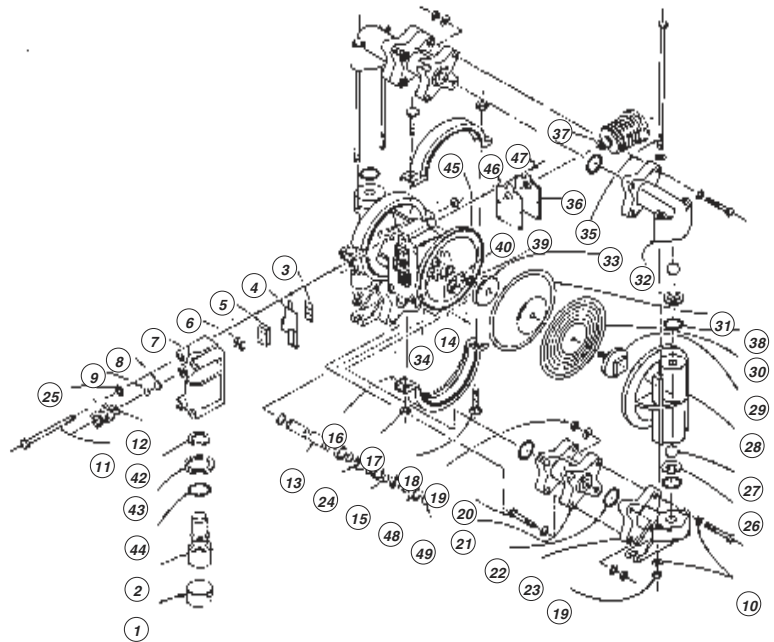
PARTS LIST  
P-9150A  
JUNE 1992

Refer to Operating Instructions O-1225.

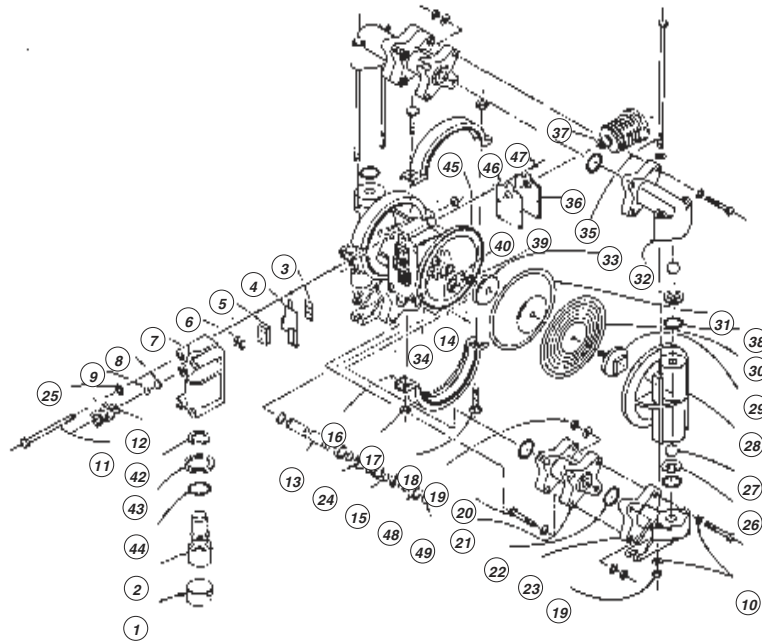
MODELS	PRICE CODE NOS.
PPN-1/2"	55-7120A
PPTF-1/2"	55-7118A
NTF-1/2"	55-7119A
KTF-1/2"	55-7110A

*This Parts List is for pumps manufactured after June, 1990 with Price Code Number suffix "A".*

*Consult factory for pumps manufactured prior to this date.*



ITEM	DESCRIPTION	QUANTITY PER PUMP	MODEL	MATERIAL	PART NUMBER
1	Air valve end plug	1	PPN, PPTF, KTF NTF	Polypropylene Nylon	71-1703-60 71-1703-43
2	Air valve spool	1	ALL	Acetal	71-0401-31
3	Gasket, inner	1	ALL	Buna-N	71-2103-11
4	Gasket, outer	1	ALL	Buna-N	71-2104-11
5	Valve plate	1	ALL		71-0403
6	Shuttle valve	1	ALL		71-0402
7	Air valve body	1	PPN, PPTF, KTF NTF	Polypropylene Nylon	71-1604-60 71-1604-43
8	Air inlet filter	1	ALL	Bronze	71-3600
9	"O"-ring (air inlet filter)	1	ALL	Buna-N	71-1916-11
10	Flat washer	44	PPN, NTF PPTF, KTF	Plated steel Stainless steel	71-2300-25 71-2300-26
11	Cap screw, 1/4" x 4"	4	PPN, NTF PPTF, KTF	Plated steel Stainless steel	71-2513-25 71-2513-26
12	Air flow control valve	1	ALL	Brass	71-3400-30
13	Pilot spool	1	ALL	Acetal	71-0101-31
14	Lip seal (diaphragm rod)	2	ALL	Buna-N	71-2000-11
15	"O"-ring (pilot spool spacer)	4	ALL	Urethane	71-1914-16
16	Clamp set (2 halves)	2	ALL	Stainless steel	71-2900-26
17	Hex nut, 5/16-18	4	ALL	Stainless steel	71-2601-26
18	Cap screw, 5/16 x 2"	4	ALL	Stainless steel	71-2504-26
19	Hex nut, 1/4-20	24	PPN, NTF PPTF, KTF	Plated steel Stainless steel	71-2600-25 71-2600-26
20	Cap screw, 1/4 x 1-3/4"	16	PPN, NTF PPTF, KTF	Plated steel Stainless steel	71-2500-25 71-2500-26
21	Manifold, single	2	PPN, PPTF NTF KTF	Polypropylene Nylon PVDF	71-0500-40 71-0500-42 71-0500-56
	Manifold, double	2	PPN, PPTF NTF KTF	Polypropylene Nylon PVDF	71-0501-40 71-0501-42 71-0501-56
22	"O"-ring (manifold) (was 11903)	4	PPN PPTF, NTF, KTF	Buna-N Teflon	71-1905-11 71-1905-17
23	Suction elbow	2	PPN, PPTF NTF KTF	Polypropylene Nylon PVDF	71-0800-40 71-0800-42 71-0800-56
24	Inner spacer, pilot	3	ALL	Polypropylene	71-0201-40
25	Lock washer	4	ALL	Stainless steel	71-2350-26
26	Valve seat	4	PPN, PPTF NTF KTF	Polypropylene Nylon PVDF	71-0900-40 71-0900-42 71-0900-56



ITEM	DESCRIPTION	QUANTITY PER PUMP	MODEL	MATERIAL	PART NUMBER
27	Ball	4	PPN PPTF, NTF, KTF	Buna-N Teflon	71-1000-11 71-1000-45
28	Outer chamber	2	PPN, PPTF NTF KTF	Polypropylene Nylon PVDF	71-0700-40 71-0700-42 71-0700-56
29	Outer diaphragm plate	2	PPN, PPTF NTF KTF	Polypropylene Nylon PVDF	71-1200-40 71-1200-42 71-1200-56
30	Teflon overlay	2	PPTF, NTF, KTF	Teflon	71-1400-59
31	Diaphragm	2	PPTF, NTF, KTF PPN	Santoprene Buna-N	71-0600-23 71-0600-19
32	Discharge elbow	2	PPN, PPTF NTF KTF	Polypropylene Nylon PVDF	71-1300-40 71-0300-42 71-1300-56
33	Inner diaphragm plate	2	PPN, PPTF NTF KTF	Polypropylene Nylon PVDF	71-1100-40 71-1100-42 71-1100-56
34	Diaphragm rod	1	ALL	Stainless steel	71-0300-26
35	Cap screw, 1/4 x 8-3/4"	4	PPN, NTF PPTF, KTF	Plated steel Stainless steel	71-2502-25 71-2502-26
36	Muffler plate	1	PPN PPTF NTF KTF	Polypropylene Polypropylene Nylon Polypropylene	71-3100-40 71-3100-41 71-3100-43 71-3100-53
37	Muffler	1	ALL		71-3000
38	"O"-ring (valve seat) (was 11901)	4	PPN PPTF, NTF, KTF	Buna-N Teflon	71-1904-11 71-1904-17
39	Flat washer	2	ALL	Stainless steel	71-2301-26
40	Retaining plate	2	ALL	Polypropylene	71-2704-40
42	Air valve lip seal, upper	1	ALL	Buna-N	71-2002-11
43	Air valve lip seal, lower	1	ALL	Buna-N	71-2003-11
44	"O"-ring (valve end plug)	1	ALL	Buna-N	71-1913-11
45	Intermediate	1	PPN, PPTF, KTF NTF	Polypropylene Nylon	71-1506-60 71-1506-43
46	Gasket (muffler plate)	1	ALL	Fiber	71-2105-10
47	Screw, #6 x 3/4"	10	PPN, NTF PPTF, KTF	Plated steel Stainless steel	71-2510-25 71-2510-26
48	End spacer (pilot)	2	ALL	Polypropylene	71-0202-40
49	'O'-ring (pilot spool stop)	2	ALL	Buna-N	71-1915-11

**OPTIONAL ASSEMBLIES (for pumps with self-lubricating air valves)**

Air valve ass'y. (Items 1-9, 42-44)	1	PPN, PPTF, KTF NTF	Polypropylene Nylon	72-5000-60 72-5000-43
Pilot spool ass'y. (Items 13, 15, 24, 48, 49)	1	ALL	Various	72-8000

