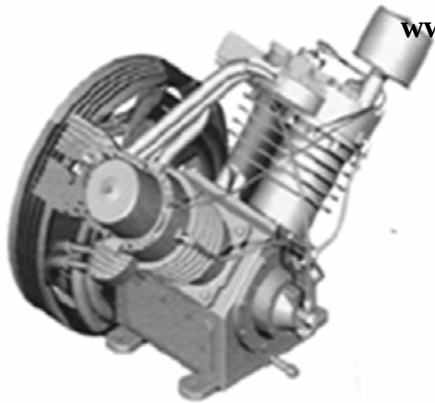


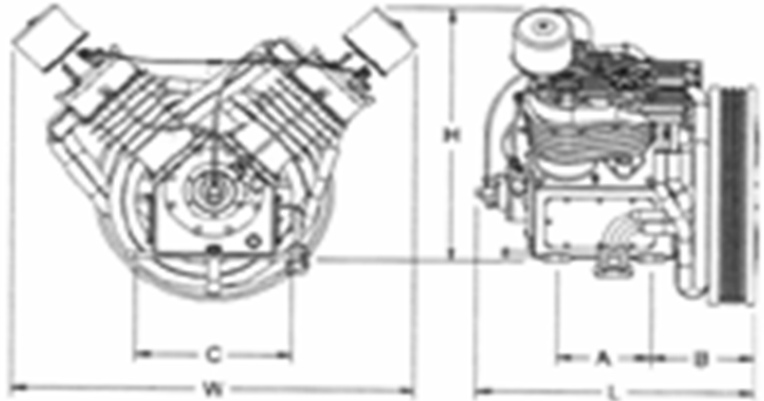
Compressed Air Systems

2626 Skyway Dr.
Grand Prairie, Texas 75052
1-800-531-9656 or 972-352-6363
Fax 972-352-6364

www.compressed-air-systems.com



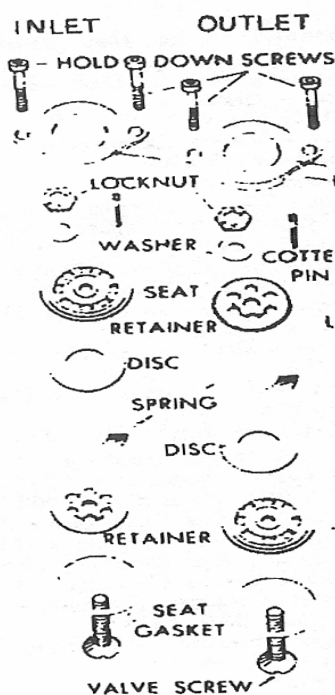
CAS-462



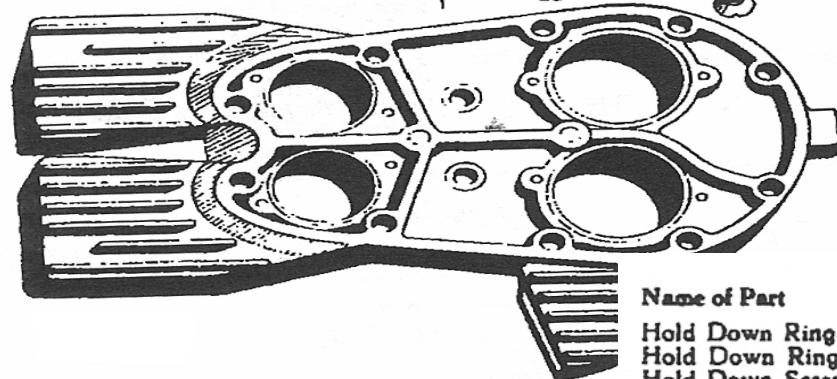
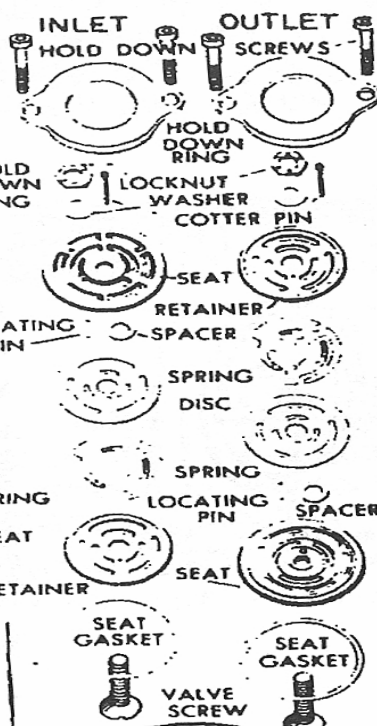
Performance			
Motor	HP	27.5	29.2
	KW	20.5	21.8
Pressure	psi	145	175
	bar	10	12.1
Cylinders		4	4
Piston LP	inch	5.5	5.5
	mm	139.7	139.7
Piston HP	inch	3	3
	mm	76.2	76.2
Stroke	inch	5	5
	mm	12.7	12.7
RPM		780	776
Displacement	DCFM	107.7	107.1
	m ³ /min	3.05	3.034
Air Delivered	ACFM	81.5	79.8
	m ³ /m	2.31	2.26
Efficiency %		75.7	74.4
Flywheel Dia.	inch	25.2	25.2
	mm	641	641
Groove Type		4/B	4/B

Dimensions		
A	inch	10
	mm	254
B	inch	10.8
	mm	275
C	inch	16
	mm	406
L	inch	29.01
	mm	737
W	inch	20.9
	mm	530
H	inch	12.5
	mm	317
Weight	kg	300
	lb	661.5
QTY 20" container		30
QTY 40" container		60

HIGH PRESSURE



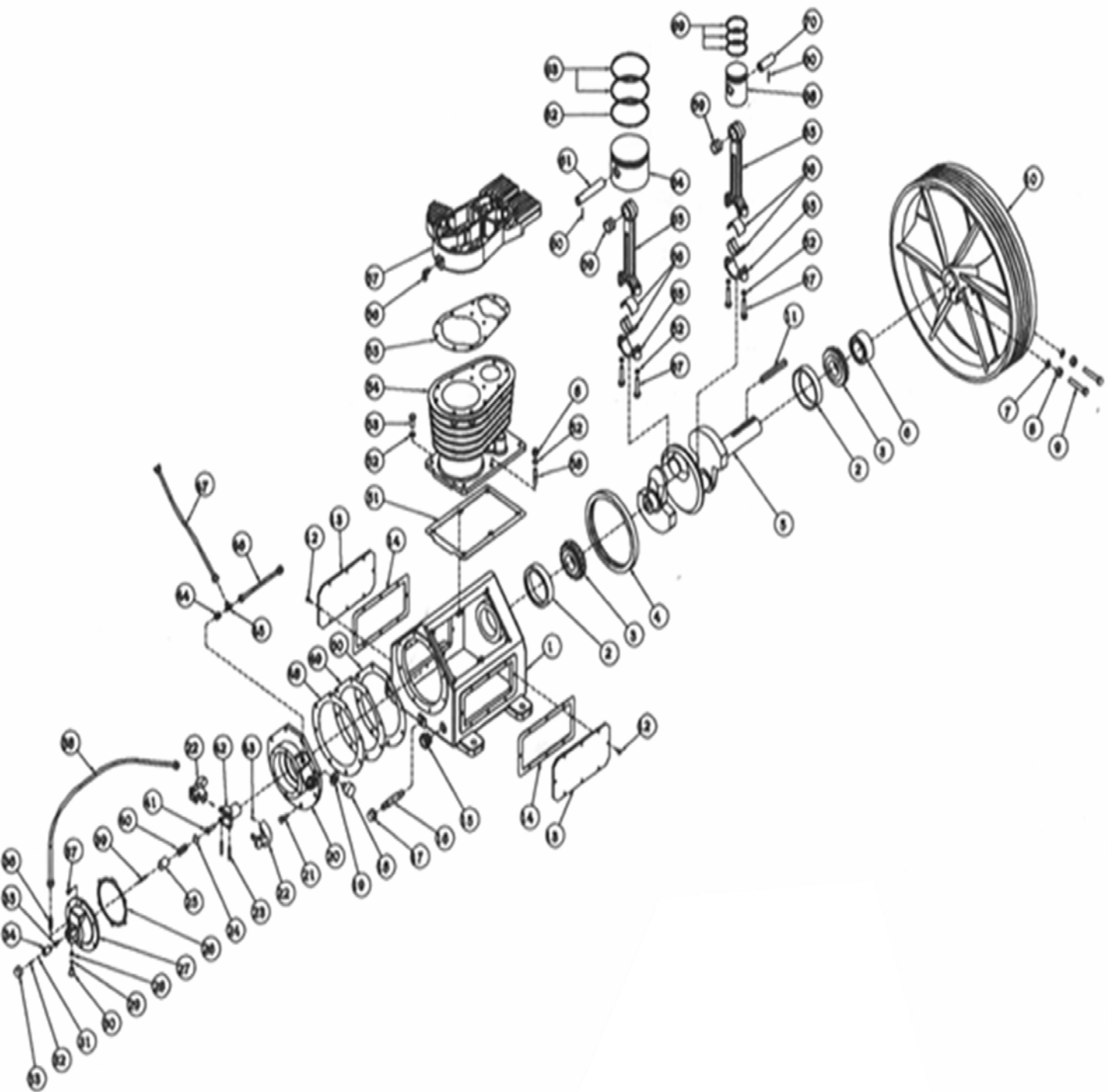
LOW PRESSURE



Name of Part

Part No. No. Pcs. Used

Hold Down Ring—H.P.	38622	4
Hold Down Ring—L.P.	38610	4
Hold Down Screw—H.P. Inlet	39255	4
Hold Down Screw—H.P. Outlet	39256	4
Hold Down Screw—L.P. Inlet	39254	4
Hold Down Screw—L.P. Outlet	39203	4
Hold Down Lockwasher—1/4"	13115	8
Hold Down Lockwasher—5/16"	19023	8
Seat Gasket—H.P.	38621	4
Seat Gasket—L.P.	38609	4
High Pressure Inlet Valve Assembly	38738	2
High Pressure Outlet Valve Assembly	38739	2
Low Pressure Inlet Valve Assembly	38736	2
Low Pressure Outlet Valve Assembly	38737	2
Cotter Pin	18122	8
Inlet Valve Retainer—H.P. w/Screw	38616	2
Inlet Valve Retainer—L.P.	38604	2
Inlet Valve Seat—H.P.	38615	2
Inlet Valve Seat—L.P.	38603	2
Inlet Valve Spring—H.P.	38619	8
Inlet Valve Spring—L.P.	38607	6
Locating Pin—L.P.	38613	4
Locknut	38614	8
Outlet Valve Retainer—H.P. w/Screw	38618	2
Outlet Valve Retainer—L.P. w/Screw	38606	2
Outlet Valve Seat—H.P.	38617	2
Outlet Valve Seat—L.P.	38605	2
Outlet Valve Spring—H.P.	38828	8
Outlet Valve Spring—L.P.	38827	6
Spacer—L.P.	76129	4
Valve Disc—H.P.	38620	4
Valve Disc—L.P.	38608	4
Valve Screw—L.P. Inlet	38612	2
Washer	15289	8



LP462 PARTS LIST

Item	Part#	Description	QTY
1	38234	Base And Cup Assembly	1
2	37107	Bearing Cup	2
3	37108	Bearing Cup	1
4	45166	Retaining Ring	2
5	83622	Crankshaft	1
6	37525	22606 Oil Seal	1
7	98654	1/2 13X3 Flywheel Bolt	2
8	09158	1/2 13 Nut	2
9	09286	1/2 Lockwasher	2
10	38593	Flywheel Assembly	1
11	37109	Key	1
12	96472	1/4 20X5 Hex Head Capscrew	6
13	37125	Side Plate	2
14	37103	Gasket Side Plate	2
15	48047	Visual Oil Guage	1
16	16959	Oil Drain Pipe	1
17	33735	Oil Drain Cap	1
18	38490	Oil Filter Plug	1
19	38396	Oil Filter Plug Gasket	1
20	38643	End Cover And Cup Assembly	1
21	00986	3/8-161 End Cover Bolt	8
22	38173	Weight	2
23	38197	16X1 1 3/4 Rollpin	2
24	38191	Piston Stop Washer	1
25	38177	Piston	1
26	38267	Housing Gasket	1
27	38258	Unloader Housing Assembly	1
28	38193	Felt	1
29	38192	Filter Screen	1
30	38178	Filter Nut	1
31	09325	Ball 1/4	1
32	38194	Valve Return Spring	1
33	38184	Valve Retainer Spring	1
34	38185	Valve Retainer	1
35	38188	Valve Guide	1
36	12950	Straight Breather Connector	1
37	96472	1/4 20X5/8 Hex Head Capscrew	1
38	39097	5/16X32 Copper Tubing	1
39	38182	Valve Stem	1
40	39793	Spring	1
41	38190	7/16-14-LH Bolt Special Head	1
42	38628	Weight Retainer	1
43	38195	Spring	1
44		Nut	1
45	43456	T Fitting-3/8P x 3/8T x 3/8T	1
46	39610	Breather Tube Assembly	1
47	45457	Breather Tube Assembly	1
48	37100	End Cover Gasket .015 Thick	1
49	37101	End Cover Gasket .006 Thick	1
50	37102	End Cover Gasket .003 Thick	1
51	08701	Base Gasket	2

51	08701	Base Gasket	2
52	09286	1/2 Lockwasher	2
53	18069	1/2-13X1 1/2 Base Bolt	10
54	17119	Cylinder	2
55	38908	Cylinder Cover Gasket	2
56	00690	Breather Elbow	2
57	38595	Cylinder Head	2
58	38053	1/2-13X1 11/16 Stud	2
59	45211	Wristpin Bearing	4
60	37007	Lockpin	4
61	38896	Wrist Pin LP	2
62	39144	Scraper Ring-L.P.	2
63	37116	LP Ring Set	2
64	39111	Piston LP	2
65	38909	Connecting Rod	4
66	37160	Insert Bearing	8
67	30298	1/2 20X2 1/4 Rod Bolt	8
68	39110	Piston HP	2
69	37114	HP Ring Set	2
70	38895	Wrist Pin HP	2
71	39267	Strap Cooler	1
72	94672	Bolt - 1/4 - 20 X 5/8	10
73	09522	1/4 Lockwasher	1
74	09156	1/4-20 Hex Nut	1
75	38598	Intercooler Assembly	2
76	38907	Connector Aftercooler	1
77	38602	Cooler Flange Gasket	6
78	00992	5/16 18X7/8 Flange Bolt	24
79	38920	Aftercooler Assembly	1
80	30091	7/16-14X4 Hex Head Capscrew	20
81	48633	Safety Valve Standard 200 PSI	1
82	38609	Seat Gasket - LP	4
83	38737	LP Exhaust Valve	2
84	38610	Hold Down Ring - LP	4
85	39203	5/16 18-1 1/4 Screw	20
86	38739	LP Inlet Valve	2
87		Head Bolt	1
88	45158	Gasket	4
89	45153	Plunger Guide	4
90	45163	Plunger and Cup Assembly	4
91	18062	1/4 - 20X1/4 Bolts	12
92	96472	1/4 - 20X5/8 Bolts	12
93	48275	Muffler Assembly	1
94	45422	1/4X20 1/2 Copper Tubing	1
95	45425	1/4X1/4X1/4 Tee, Breather Connector	1
96	45446	1/4X23 Copper Tubing	1
97	42384	T-Connector	2
98	45428	Copper Tubing	2
99	45157	Unloader	4
100	48778	Inlet unloader Gasket	4
101	08603	Intercooler Safety Valve 75 PSI	2
102	15362	Tube Ell	2
103		Head Bolt	1
104	45159	Cylinder Head Plate	2
105	39254	5/16 - 18X1 Screw	4
106	45156	Unloader Piston	2
107	45164	Finger LP	2
108	45166	Retaining Ring	2

109	45161	723004	Plunger Spring	4
110	38622	719127	Hold Down Ring HP	4
111	39256	110161	1/4 20X1 1/4 Screw	4
112	38739	727218	HP Exhaust Valve	2
113	38621	070354	Seat Gasket HP	4
114	38738	727216	HP Inlet Valve	2
115	39255	110162	1/4 - 20X1 3/4 Screw	4
116	38596	070348	Gasket	2