



IMI CORNELIUS INC.
One Cornelius Place
Anoka, MN. 55303-6234
Telephone 1-800-238-3600
Facsimile 1-800-258-0255

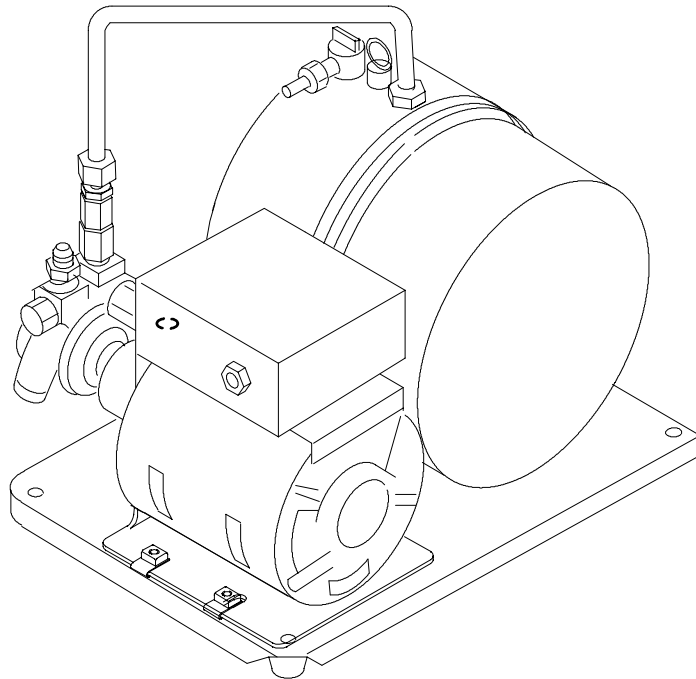
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ILLUSTRATED PARTS LIST

LARGE RESERVE CARBONATOR LOW PROFILE

MODEL NO.

416424-xxx
496424-xxx
1624
411624-xxx



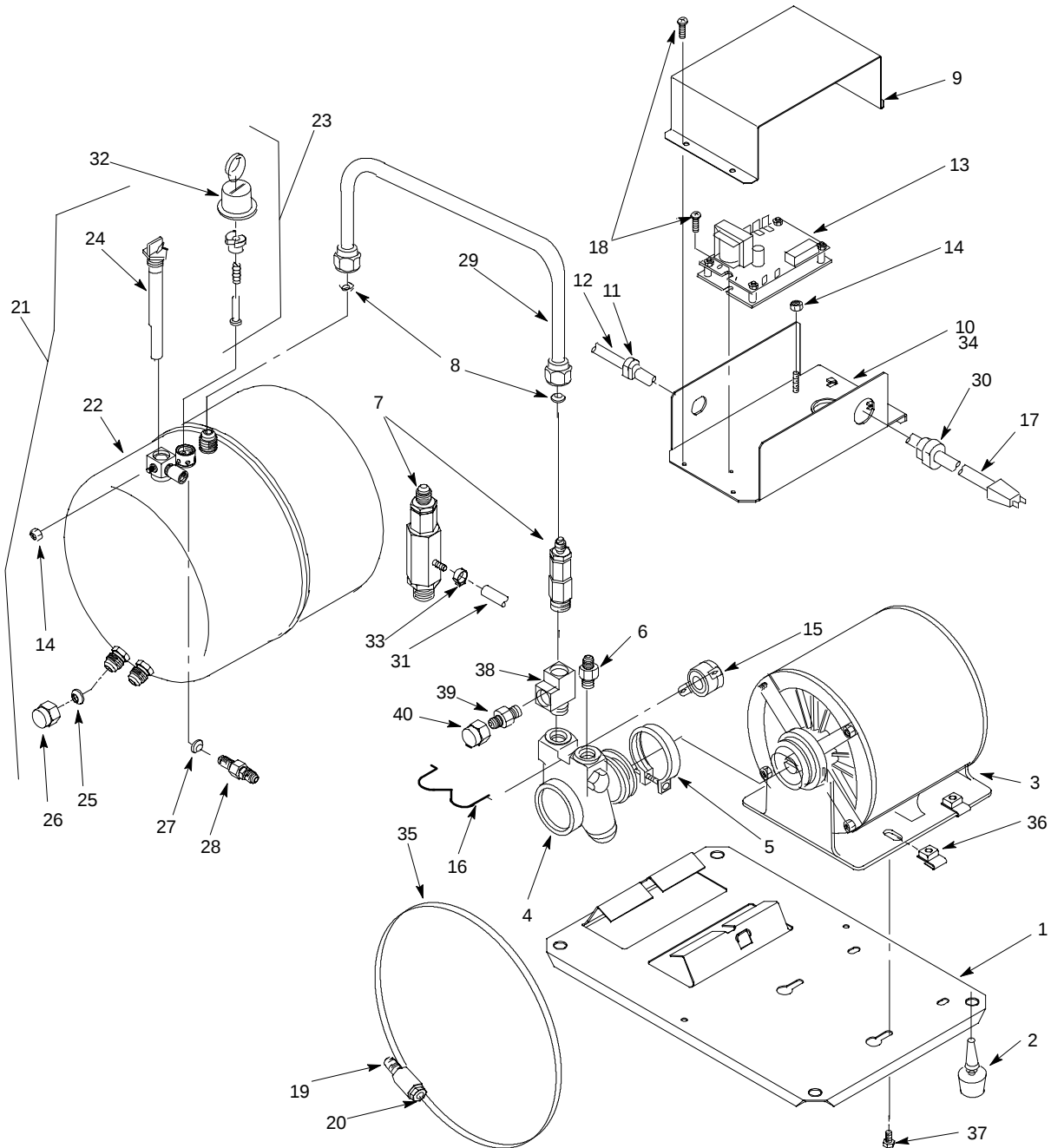


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**FIGURE 1. LARGE RESERVE CARBONATOR
LOW PROFILE ASSEMBLY**



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Item No.	Part No.	Name
1	5055	Base
2	396115010	Foot
3	449999968	Motor Pump 1/4H.P. 120V 50/60HZ Domestic
	449999969	Motor Pump 1/4H.P. 230V 50/60HZ Export
4	312996000	Pump Water 100GPH
5	187483000	Clamp Pump and Motor
6	111337000	Fitg 3/8-MPT x 5/8-18
7	2991	Valve Chk Dual (See Figure 2)
	0881	Valve Chk Vented
8	311304000	Gasket 3/8 Male Flare
9	4967	Cover Elec Box
10	4966	Bottom Box Cntl
11	395098000	Strain Relief
12	3175	Harn Wire
13	314015000	Control Liquid Level Domestic
	197359000	Control Liquid Level Export
14	200498003	Nut Hex No. 8-32
15	317989000	Thermostat Cntl
16	318039000	Clip Thermo
17	317277000	Cord Serv Domestic
	309834010	Cord Serv Export
	560001468	Cord Serv Germany
18	320289000	Screw TR 6-32 PAPH 8
19	318308000	Screw TR 10-32 PAPH 32
20	321811000	Nut Hex No. 10-32

Item No.	Part No.	Name
21	3057	Tank (Includes 22-28)
22	3993	Tank
23	318362000	Stem Assy R-Val Yel
24	3035	Probe Level Cntl
25	311304000	Gasket 3/8 Male Flare
26	77045600	Fitg Cap 5/8-18
27	178025100	Gasket 1/4 Male Flare
28	183310000	Valve Chk (See Figure 3)
29	3041	Tube Water In
	3072	Tube Water In Vented Check Valve
	3917	Tube Water In Vented Check Valve
30	319453000	Strain Relief
31	174083000	Tube .156 I.D., Vented Check Valve
32	317974000	Deflector Water Relief
33	311527000	Clamp For Vented Check Valve
34	168049000	Fitg Conduit
35	3511	Strap Tank
36	311855000	Nut J-Nut 1/4-20
37	318976000	Bolt MA 1/4-20 HXSL 16
38	3883	Fitg T 3/8-FPT By 3/8-MPT
39	311437000	Fitg 3/8-MPT By 7/16-20
40	77045200	Fitg Cap 7/16-20



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Item No.	Part No.	Name
	2991	Valve Chk Duel Assy
1	560000480	Washer Seal
2	560000432	-Ring .239 I.D.
3	312419000	Ball .312 Dia.
4	560000481	Spring Ball Check

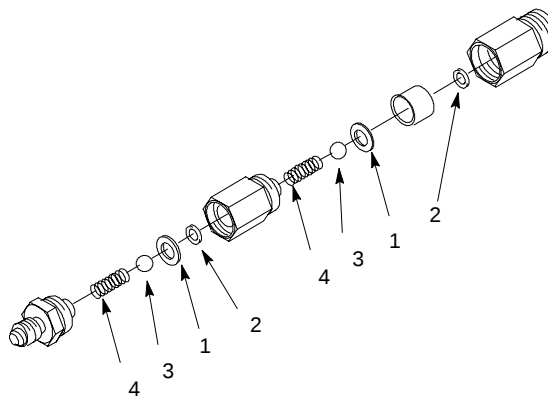


FIGURE 2. LIQUID DUAL CHECK VALVE ASSEMBLY

Item No.	Part No.	Name
	183310000	Valve Chk Assy
1	183294000	Quad Ring .145 I.D.
2	183295100	Body
3	183296000	Ball .187 Dia.
4	183297000	Spring
5	183298000	Retainer Spring
6	183309000	Bulkhd Adap

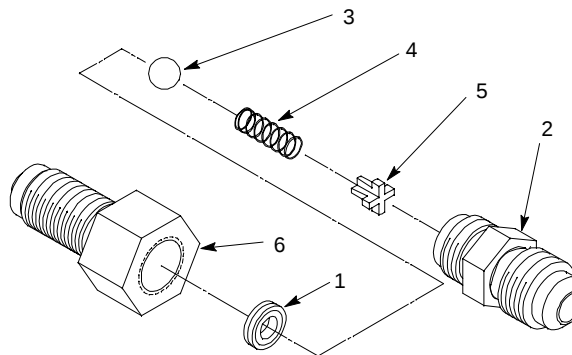


FIGURE 3. CO₂ CHECK VALVE ASSEMBLY

KIT CHK VALVE P/N 0876

KIT REPAIR REG P/N 311656000

VALVE CHK VENTED P/N 0881

KIT THERMOSTAT P/N 316599000

KIT REG WTR PRESS P/N 310150000

REG PRESS WTR P/N 311367000