



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

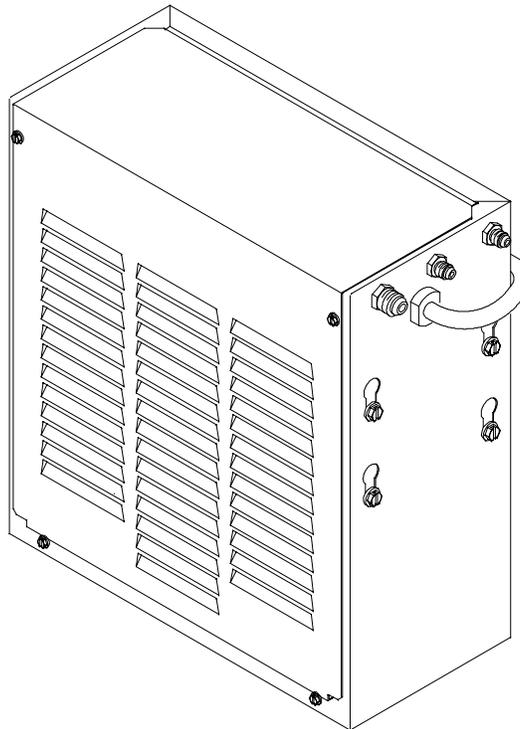
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ILLUSTRATED PARTS LIST

VA13 CARBONATOR

MODEL NO.

416411xxx
496411xxx
1621





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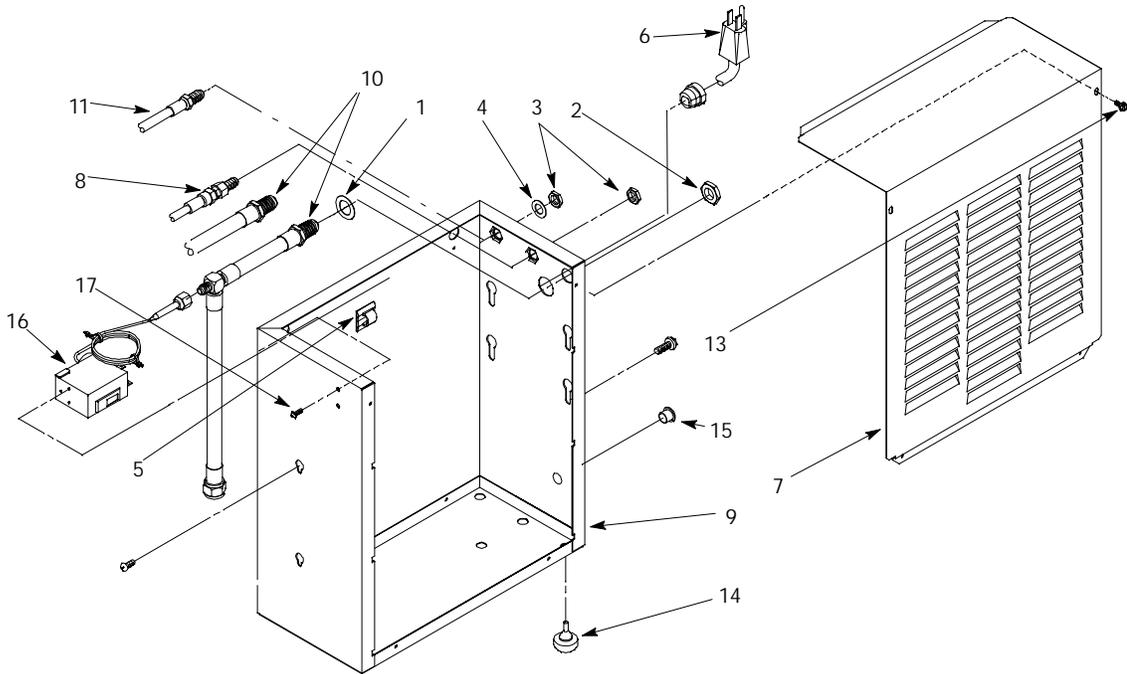


FIGURE 1. VA13 CARBONATOR CABINET ASSEMBLY

Item No.	Part No.	Name
1	151281000	Washer Sr .640 I.D.
2	160155000	Nut Hex 5/8-18
3	186768000	Nut Hex 7/16-20
4	311279000	Washer Sr .448 I.D.
5	313736000	Clip Guide
6	164704020	Cord Serv 115V 60HZ
	309834020	Cord Serv 230V 50HZ
	139265320	Cord Serv Austria
	560001467	Cord Serv CE
7	3829	Cover Cabinet
8	318018006	Tube Assy w/Chk Val (See Figure 4)
9	4280	Cabinet

Item No.	Part No.	Name
10	3957	Tube Conn .375 I.D. x 14"
	3425	(See Figure 5) Tube Assy Wtr In (See Figure 3)
11	318029000	Tube Prod .250 I.D. x 9"
		(See Figure 6)
12	319453000	Strain Relief
	3231	Strain Relief (Germany)
13	319941000	Screw TR 8-32 HXWS 12
14	396115010	Foot
15	340242000	Bushing Snap
16	320669000	Switch Press (Germany)
17	320734000	Screw SE 6-32 PAPH 12 (Germany)



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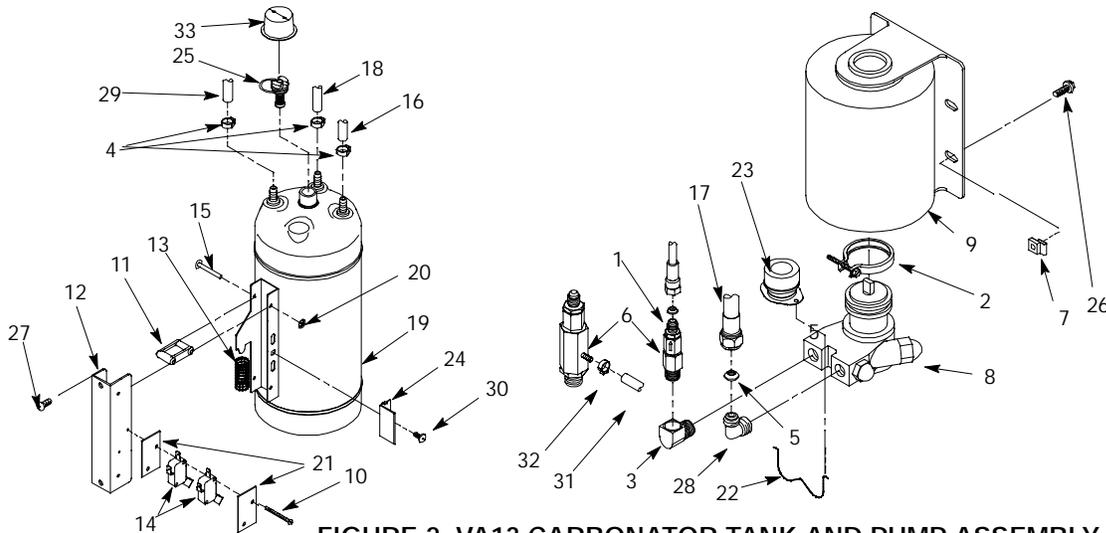


FIGURE 2. VA13 CARBONATOR TANK AND PUMP ASSEMBLY

Item No.	Part No.	Name
1	178025100	Gasket 1/4 Male Flare
2	187483000	Clamp Pump and Mot
3	1151	Fitg L 3/8-NPT x 3/8-FPT
4	309854000	Clamp
5	311304000	Gasket 3/8 Male Flare
6	3253	Valve Chk Dual
	0881	Valve Chk Vented
7	560003353	Nut J-Nut 1/4-20
8	312996000	Pump Water 100-GPH
9	315183000	Motor Pump 120V 60 HZ
	320626000	Motor Pump 230V 50/60HZ
10	315961000	Screw MA 4-40 PAPH 36
11	317746000	Link
12	317747000	Brkt Tank Pivot
13	317752000	Spring
14	317771000	Switch Level Cntl
15	317772000	Pin Link
16	318018006	Tube Asy w/Chk Val (See Figure 3)
17	3957	Tube Conn .375 I.D. x 14" (See Fig. 5)
	3425	Tube Asy Wtr In (See Fig. 3)

Item No.	Part No.	Name
18	318029000	Tube Prod .250 I.D. x 9" (See Figure 6)
19	318034000	Tank
20	318036000	Nut Push
21	318037000	Insulation Switch Micro
22	318039000	Clip Thermo
23	318040020	Thermostat Cntl
24	318123000	Brkt Switch Actuator
25	318362000	Stem Assy R-Val
26	560003345	Bolt MA 1/4-20 HXSL 20
27	320767000	Screw SE 10-24 PAPH 12
28	361003200	Fitg L 3/8-MPT x 5/8-18
29	3977	Tube Prod .250 I.D. x 13" (See Figure 7)
	1152	Tube Prod .250 I.D. x 12" (See Figure 7)
30	342663000	Screw TC 8-32 PAPH 12
31	174083000	Tube Co Poly .156 I.D. (Sold by the Foot)
32	311527000	Clamp
33	317974000	Deflector Water Relief Valve (Germany)



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Item No.	Part No.	Name
	3425	Tube Asy Water In
1	77063701	Fitg T 3/8-Barb x 7/16-20
2	176205000	Fitg Nipl .375 I.D. Tube
3	311242000	Nut Swiv 5/8-18
4	176204000	Ferrule .640 I.D.
5	174292000	Tubg Flexcor .375 I.D. (Sold by the Foot)
6	3916	Fitg Blkhd 3/8-Barb x 5/8-18

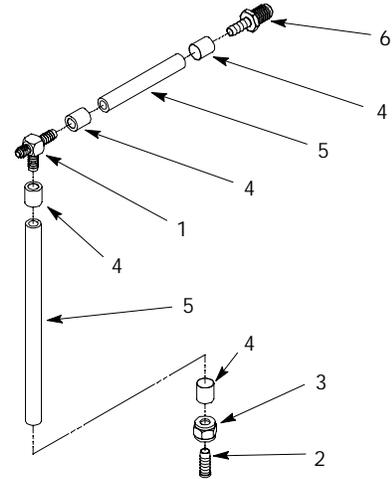


FIGURE 3. TUBE ASSEMBLY, PLAIN WATER

Item No.	Part No.	Name
	318018006	Tube Asy w/Chk Val
1	183310000	Valve Chk Blkhd
2	176017000	Nut Swiv 7/16-20
3	77010400	Fitg Nipl .265 I.D. Tube
4	178025100	Gasket 1/4 Male Flare
5	176001000	Ferrule .425 I.D.
6	174103001	Tubg Vinbrd .250 I.D. (Sold by the Foot)

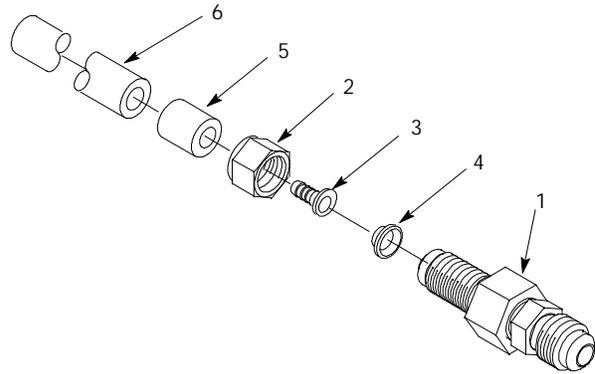


FIGURE 4. TUBE WITH CHECK VALVE ASSEMBLY



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Item No.	Part No.	Name
	3957	Tube Conn .375 I.D. x 14"
1	174292000	Tubg Flexcor .375 I.D. (Sold by the Foot)
2	176204000	Ferrule .640 I.D.
3	176205000	Fitg Nipl .375 I.D. Tube
4	311242000	Nut Swiv 5/8-18
5	3916	Fitg Blkhd 3/8-Barb x 5/8-18

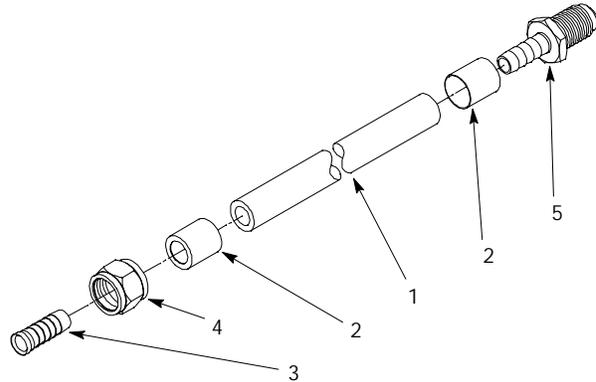


FIGURE 5. TUBE ASSEMBLY

Item No.	Part No.	Name
	318029000	Tube Prod .250 I.D. x 9"
1	174103001	Tubg Vinbrd .250 I.D. (Sold by the Foot)
2	176001000	Ferrule .425 I.D.
3	317741000	Fitg Blkhd 1/4-Barb x 7/16-20

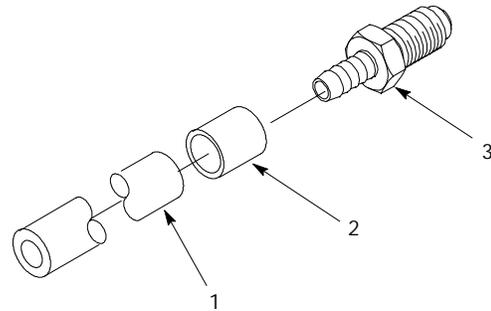


FIGURE 6. TUBE ASSEMBLY

Item No.	Part No.	Name
	3977	Tube Prod .250 I.D. x 13"
	1152	Tube Prod .250 I.D. x 12"
1	174103001	Tubg Vinbrd .250 I.D. (Sold by the Foot)
2	176001000	Ferrule .425 I.D.
3	176017000	Nut Swiv 7/16-20
	311242000	Nut Swiv 5/8-18
4	77010400	Fitg Nipl .265 I.D. Tube 7/16-20
	176271000	Fitg Nipl .265 I.D. Tube 5/8-18

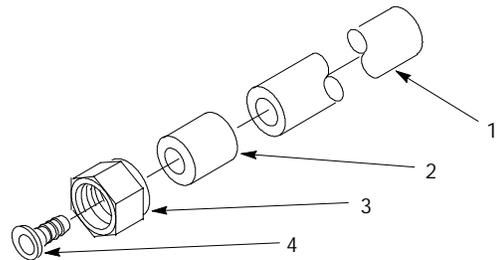


FIGURE 7. TUBE ASSEMBLY



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Item No.	Part No.	Name
	3253	Valve Chk Dual
1	560000480	Washer Seal Ball Chk
2	560000432	O-Ring .239 I.D.
3	312419000	Ball .312 Dia.
4	560000481	Spring

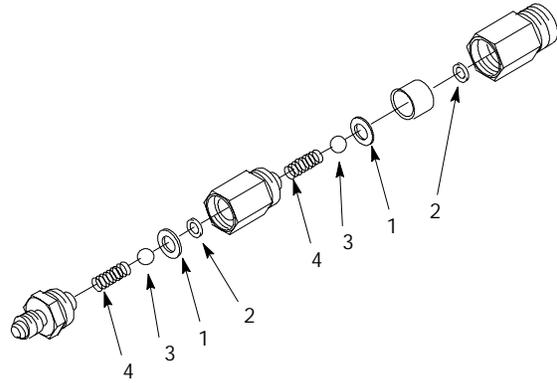


FIGURE 8. LIQUID DUAL CHECK VALVE ASSEMBLY

VA13 CARBONATOR ACCESSORIES/KITS