



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

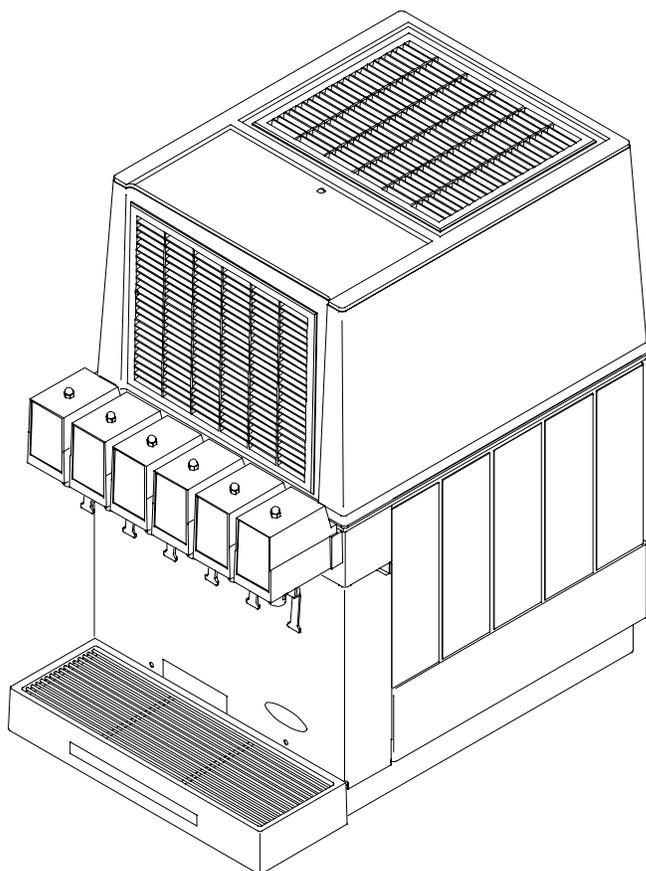
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VENTURE 1/4 H.P. POST-MIX DISPENSER

PART NO.

417405-xxxx
417406-xxxx
497404-xxxx
497405-xxxx
497416-xxxx





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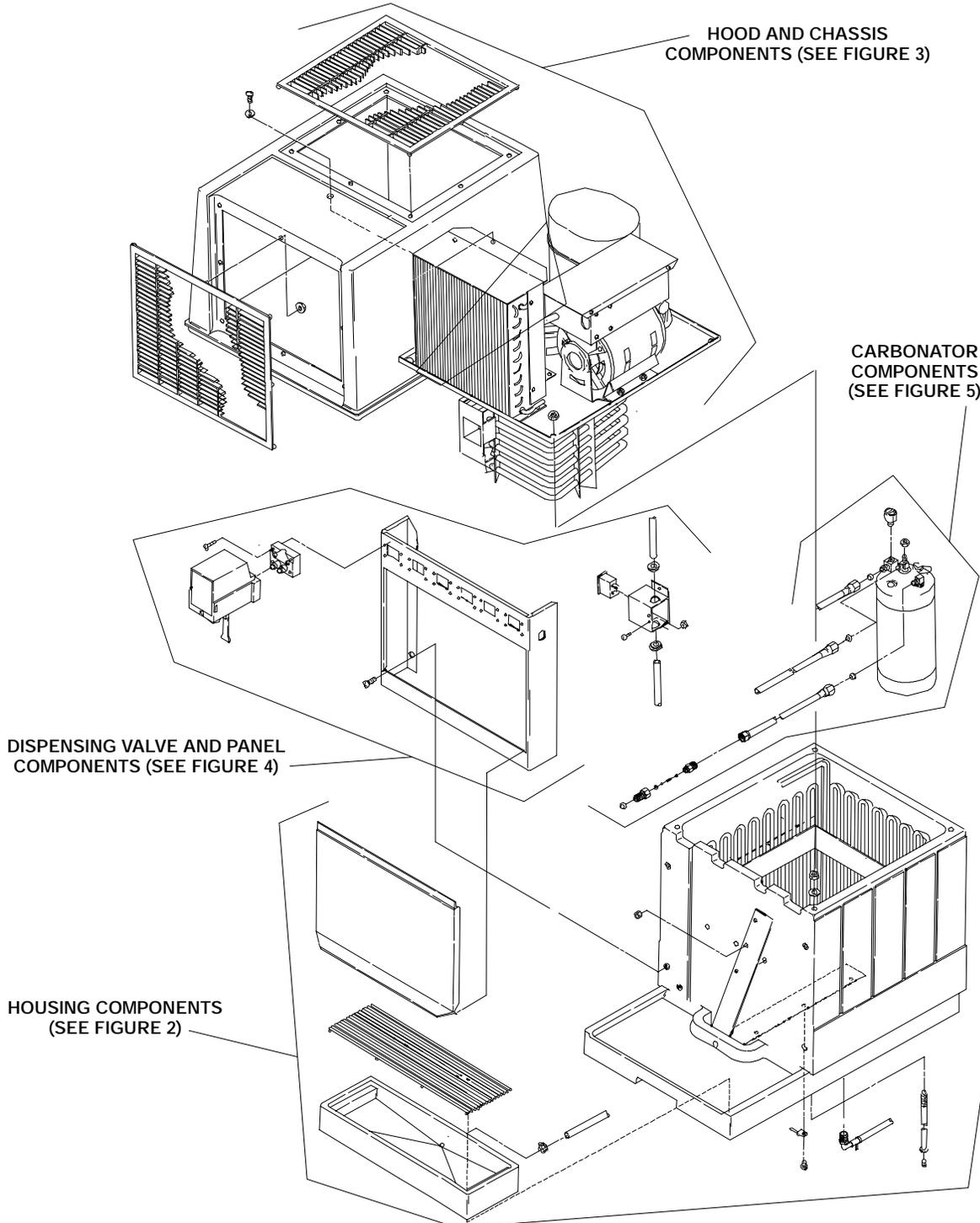


FIGURE 1. VENTURE 1/4 H.P. POST-MIX DISPENSER ASSEMBLY



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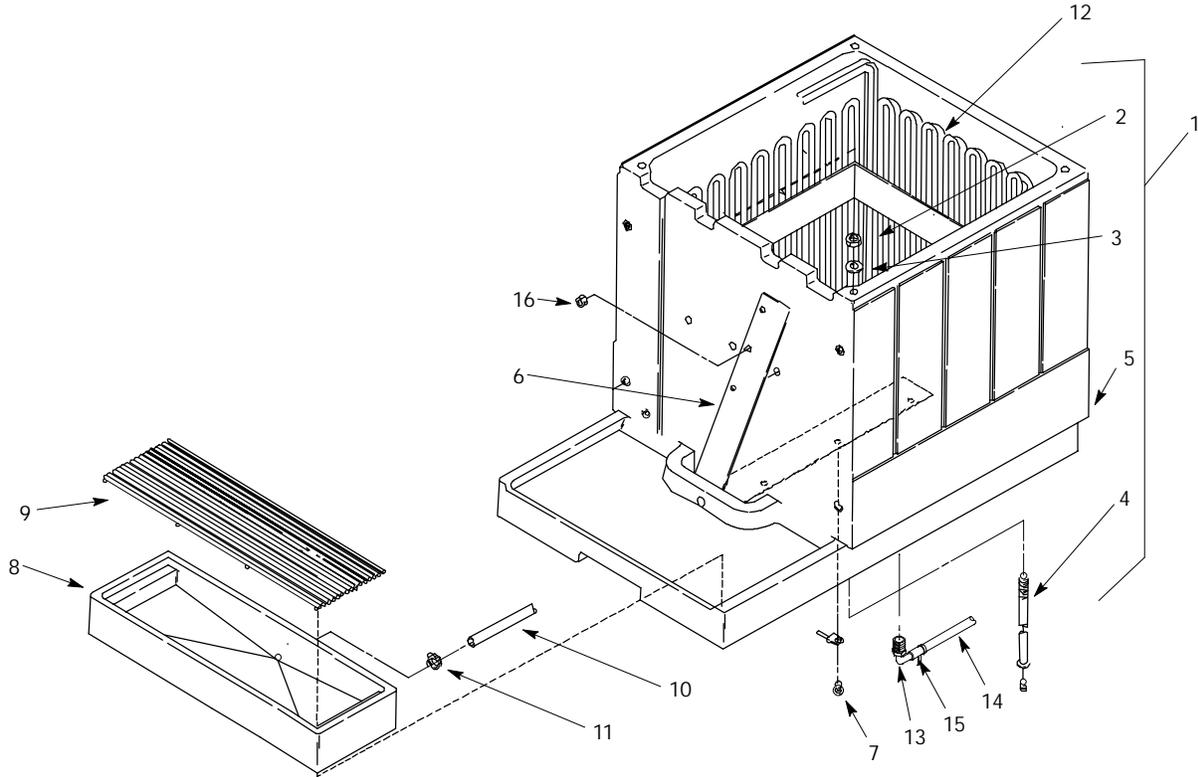


FIGURE 2. HOUSING COMPONENTS

Item No.	Part No.	Name
1	317791839	Housing Low (Includes 2-5)
2	311811000	Nut Hex 1/4-20
3	183031001	Washer Seal
4	319004001	Bolt MA 1/4-20 x 17"
5	0445	Housing
6	317699001	Barrier Elec (Export)
7	188072000	Screw SM 10 TRPH 16
8	317659039	Drip Tray Black
9	317660000	Cup Rest

Item No.	Part No.	Name
10	174150001	Tube Vnyl .625 I.D. (Sold by the Foot)
11	318516000	Clamp Hose
12		Coil & Tube Asy (See Figure 12)
13	1971	Fitg L 1/2-Barb x 1/4-MPT
14	113500000	Tube Vnyl .500 I.D. (Sold by the Foot)
15	140135000	Clamp Hose
16	330181000	Nut Hex 6-32 (Export)



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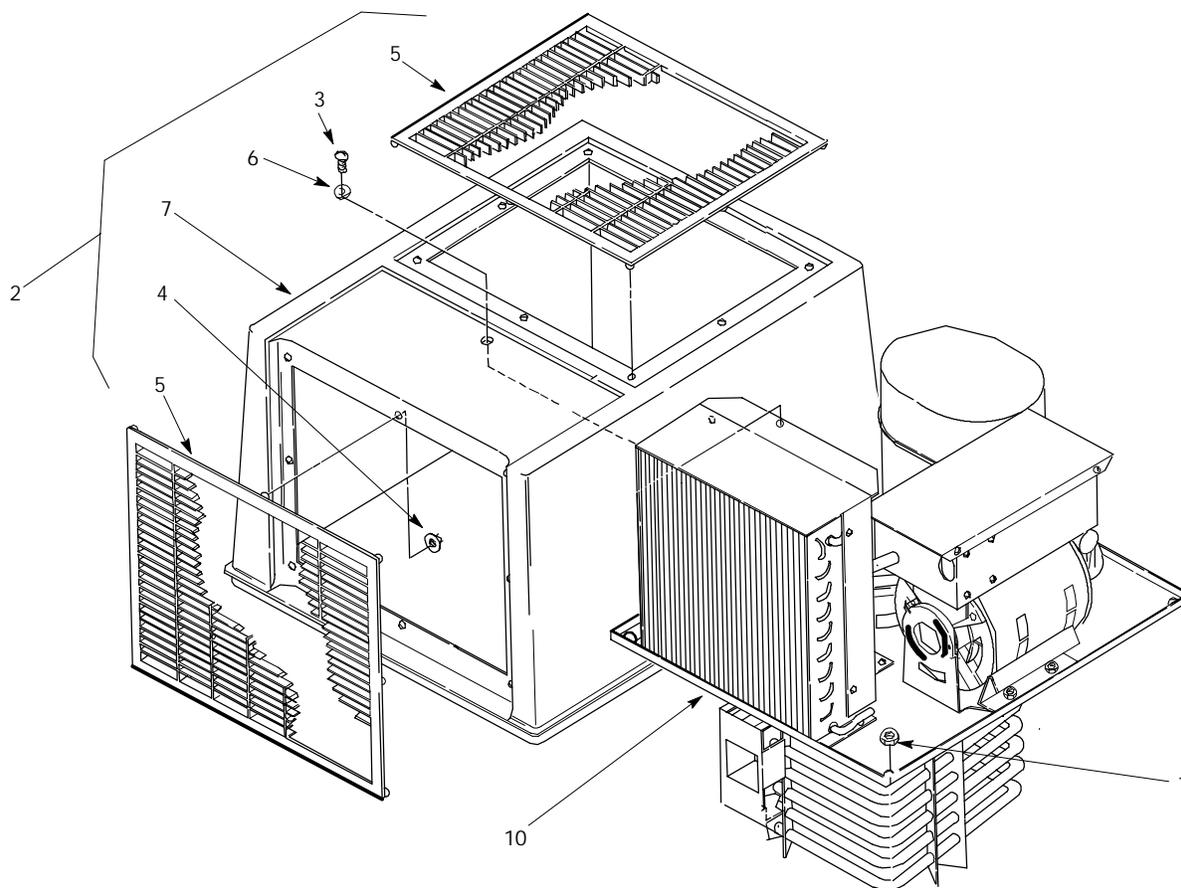


FIGURE 3. HOOD AND CHASSIS COMPONENTS

Item No.	Part No.	Name
1	189429000	Nut Hex 1/4-20
2	317655xxx	Hood Asy Specify Franchise (Includes 3-7)
3	317692000	Screw MA 10-24 OVSL 20
4	317658000	Nut Push .188 Stud
5	317656039	Grille Black
6	321544000	O-Ring .145 I.D.

Item No.	Part No.	Name
7	317655039	Hood Black
8	318309004	Harn Wire 4-Flavor (Not Shown)
	4142	Harn Wire 5-Flavor (Not Shown)
	4143	Harn Wire 6-Flavor (Not Shown)
9	318304000	Brkt Retainer Hood (Not Shown)
10	3176548880	Chassis Rfg 120V 60HZ (See Figure 6)
	1973588880	Chassis Rfg 230V 50HZ (See Figure 6)



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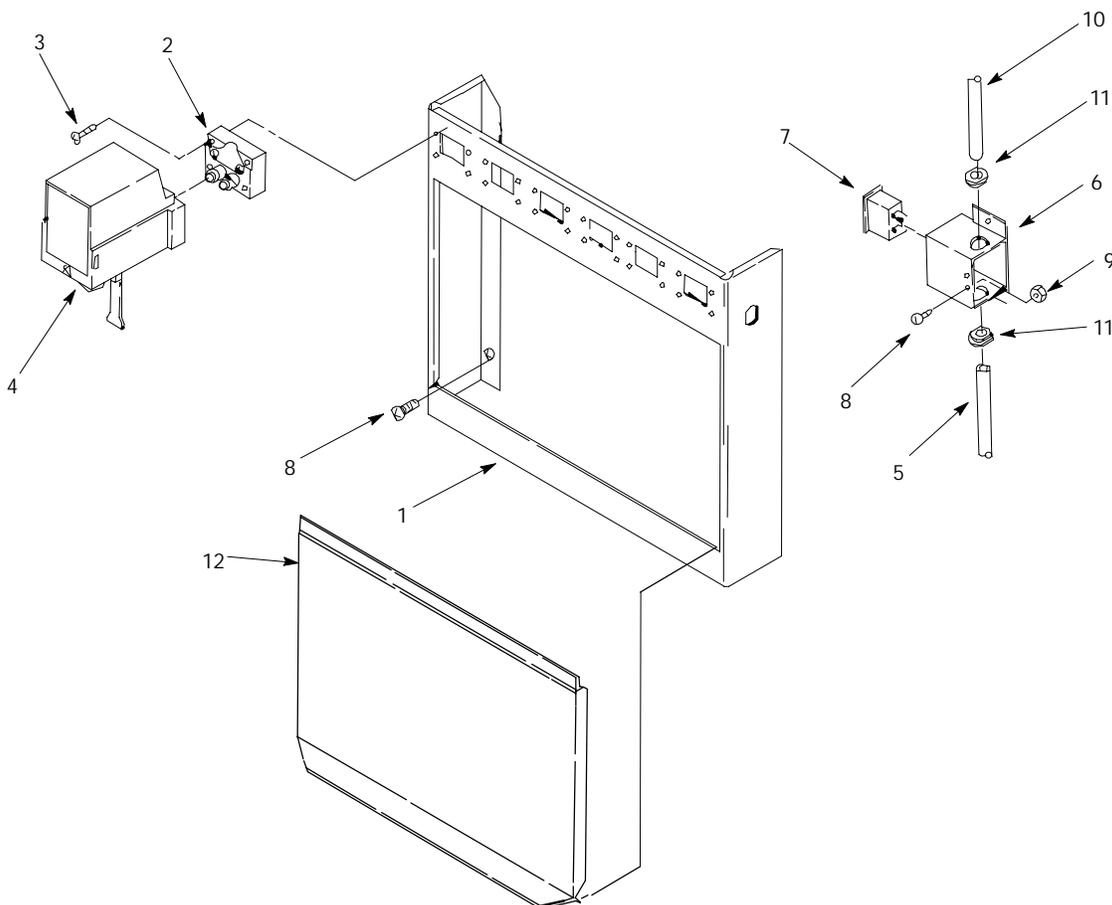


FIGURE 4. DISPENSING VALVE AND PANEL COMPONENTS

Item No.	Part No.	Name
1	318399004	Panel Val (4-Flavor)
	318399005	Panel Val (5-Flavor)
	318399006	Panel Val (6-Flavor)
2	318838015	Block Asy (See Dispensing Valve Manual No. 319006008)
3	318308000	Screw TR 10-32 PAPH 32
4		Dispensing Valve (see Dispensing Valve Manual No. 319006008)
5	2080	Cord Serv (Domestic)
	197456000	Cord Serv 4 and 5-Flavor (Export)
	197460000	Cord Serv 6-Flavor (Export)

Item No.	Part No.	Name
6	318836011	Box Switch (Domestic)
	197458000	Box Switch (Export)
7	313438000	Swit Toggle On/Off
8	319941000	Screw TR 8-32 HXWS 12
9	200498003	Nut Hex 8-32
10	2081	Cord Recp (Domestic)
11	186564000	Strain Relief
12	317688000	Panel Accs



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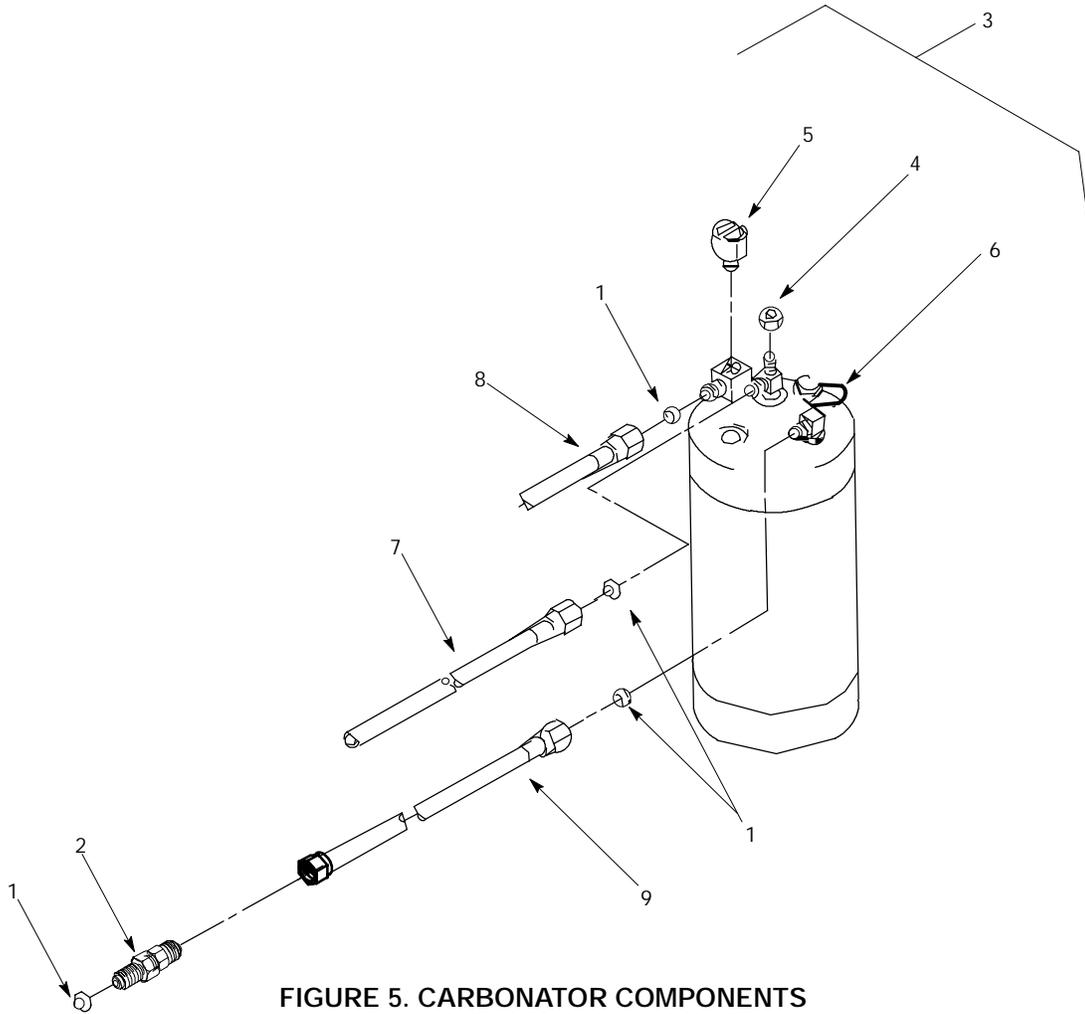


FIGURE 5. CARBONATOR COMPONENTS

Item No.	Part No.	Name
1	178025100	Gasket 1/4 Male Flare
2	183310000	Valve Chk Blkd
3	316804003	Tank Carb (Includes 4-6)
4	343457000	Nut Hex No. 8-32
5	3691	Kit Replace Probe

Item No.	Part No.	Name
6	318362000	Stem Asy R-Val
7	3288	Tube Conn .265 I.D. x 18" (134A Refrigerant See Figure 19)
8	322727000	Tube Conn .265 I.D. x 21" (See Figure 19)
9	318049000	Tube Conn .265 I.D. x 72" (See Figure 19)



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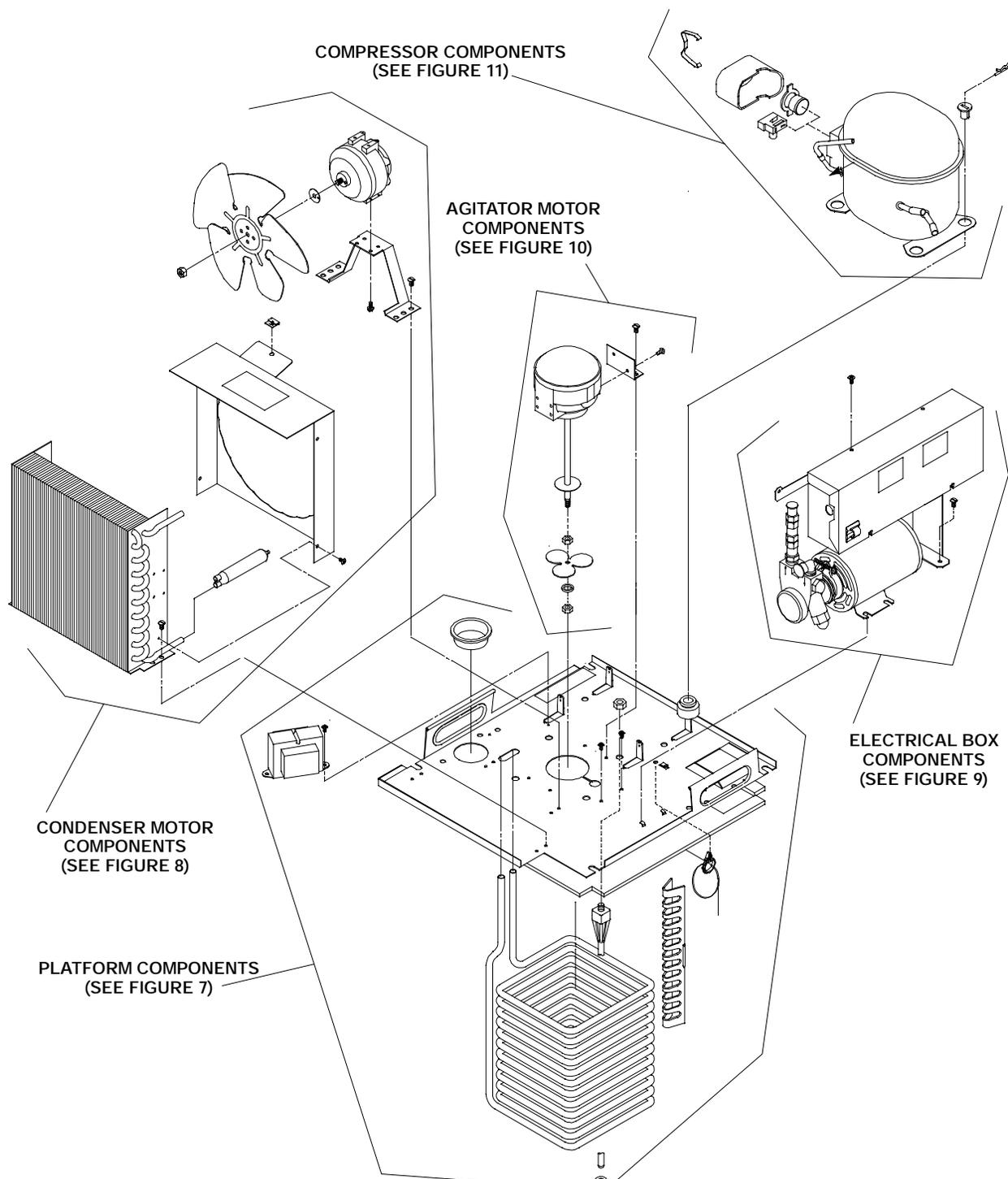


FIGURE 6. VENTURE 1/4 H.P. REFRIGERATION ASSEMBLY



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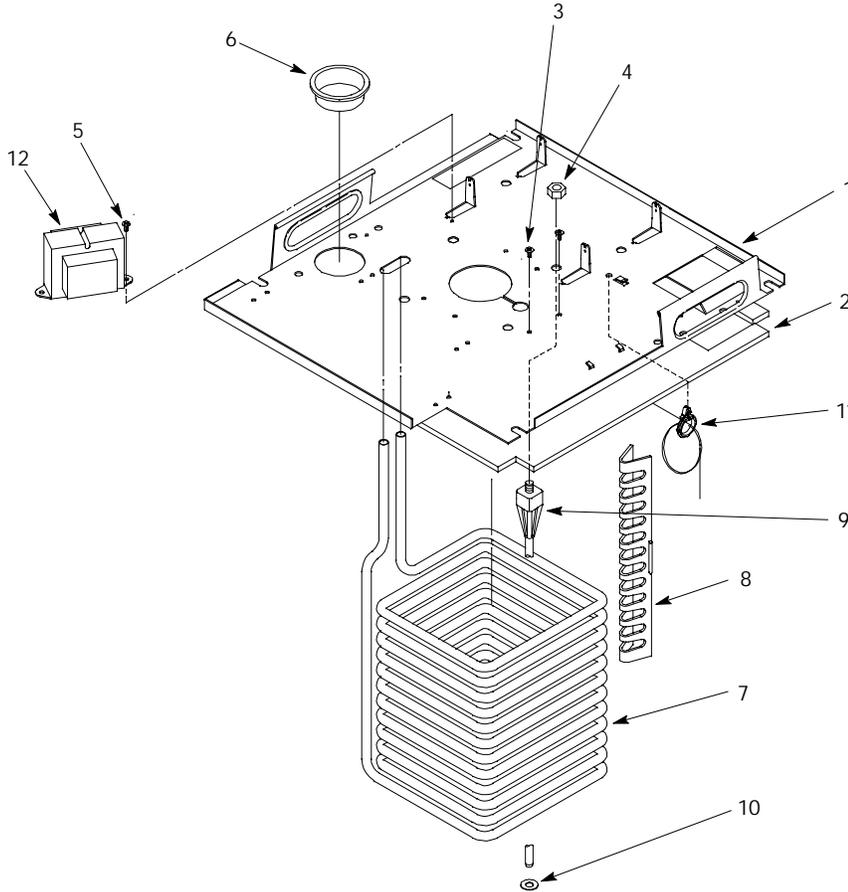


FIGURE 7. PLATFORM COMPONENTS

Item No.	Part No.	Name
1	3279	Platform Rfg
2	317678000	Insulation Platform
3	319828000	Screw TR 10-24 PAPH 12
4	186146000	Nut Hex 5/16-18
5	186154000	Screw SE 8-36 PAPH 12
6	313093000	Cap Plg
7	3717	Evap
8	317661000	Spacer Coil

Item No.	Part No.	Name
9	318301000	Rod Support
10	317665000	Nut Push .312 Stud
11	2757	Retainer
12	3293	Transfrm 120V 60HZ 24V
	3292	Transfrm 220V 50HZ 24V
13	3990	Holder C-Bulb 120V 60HZ (Not Shown)
	1732	Brkt Cntl Ice Bank 230V50HZ (Not Shown)



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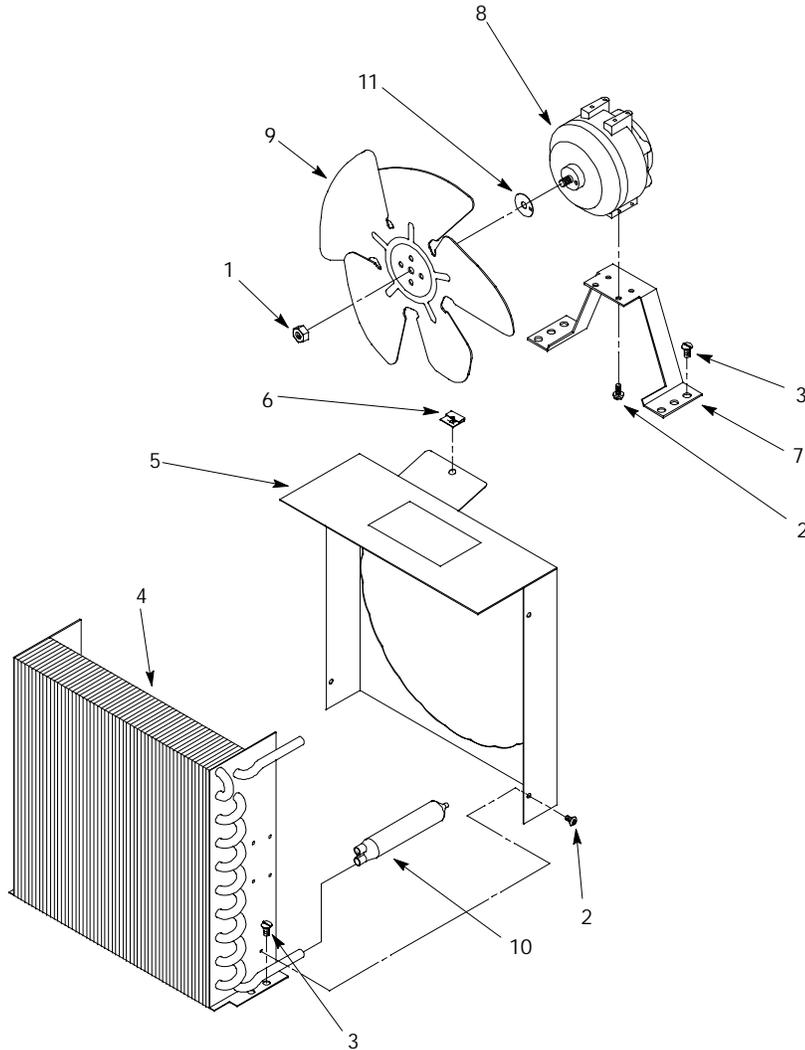


FIGURE 8. CONDENSER AND MOTOR ASSEMBLY

Item No.	Part No.	Name
1	189429000	Nut Hex 1/4-20
2	320271000	Screw TC 6-32 PAPH 12
3	319828000	Screw TR 10-24 PAPH 12
4	314554010	Cond Coil
5	317693000	Shroud Cond
6	186129000	Nut J-Nut 10-24

Item No.	Part No.	Name
7	187395000	Brkt Mtr Fan
8	332418088	Motor Fan Kit 5W 120V 60HZ
	199507000	Motor Fan 6W 230V 50/60HZ
9	332420000	Fan 5-Blade
10	2601	Dryer
11	187394000	Cushion Fan Mount



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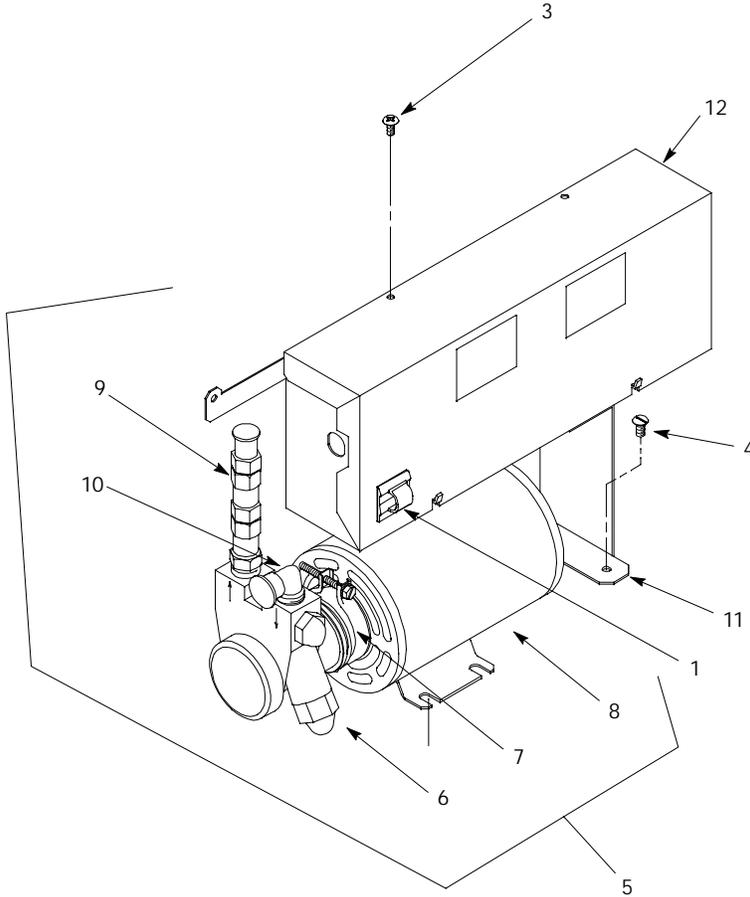


FIGURE 9. ELECTRICAL BOX COMPONENTS

Item No.	Part No.	Name
1	313736000	Clip Guide
2	3290	Harn Wire Cntl Box (Not Shown)
3	320271000	Screw TC 6-32 PAPH 12
4	319828000	Screw TR 10-24 PAPH 12
5	2869	Pump and Mot Assy 120V 60HZ (Includes 6-10)
	3306	Pump and Mot Assy 230V 50HZ (Includes 6-10)
6	312996000	Pump Water, 100 GPH

Item No.	Part No.	Name
7	187483000	Clamp Pump and Mot
8	2170	Motor Pump 120V 60HZ
	2765	Motor Pump 230V 50/60HZ
9	3253	Valve Chk Dual
10	361003200	Fitg L 3/8-MPT x 5/8-18
11	3621	Brkt Cntl Box
12	3275	Box Cntl Assy 120V 60HZ (See Figure 17)
	3294	Box Cntl Assy 230V 50HZ (See Figure 17)



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Item No.	Part No.	Name
1	319828000	Screw TR 10-24 PAPH 12
2	186154000	Screw SE 8-36 PAPH 12
3	314072000	Motor Agit 15W 120V 60HZ
	317803088	Motor Asy Agit 120V 60HZ
	314150000	Motor Agit 11W 230V 50HZ
	197344088	Motor Asy Agit 230V 50HZ
4	186599000	Slinger Water
5	186216000	Blade Agit
6	311811000	Nut Hex 1/4-20
7	186294000	Washer Lk .262 I.D.
8	317667000	Brkt Mtr Agit

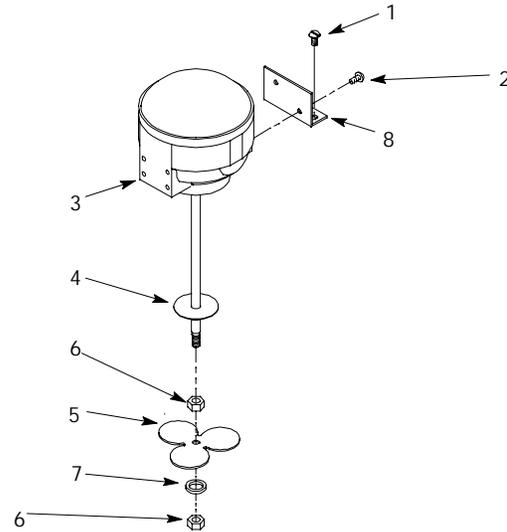


FIGURE 10. AGITATOR MOTOR COMPONENTS

Item No.	Part No.	Name
1	3708	Kit Comp 1/5HP 120V 60HZ
	3709	Kit Comp 1/5HP 230V 60HZ
2	189723000	Grommet Compr
3	317781000	Bushing Split
4	398034400	Pin Hitch
5	187637000	Spring Overload
6	187638000	Cover Term
7	187636000	Strap Bale
8	3612	Overld Comp 1/5HP 115V 60HZ
	3304	Overld Comp 1/5HP 220V 50HZ
9	0048	Relay Start 1/5HP 120V 60HZ
	3305	Relay Start 1/5HP 230V 50HZ

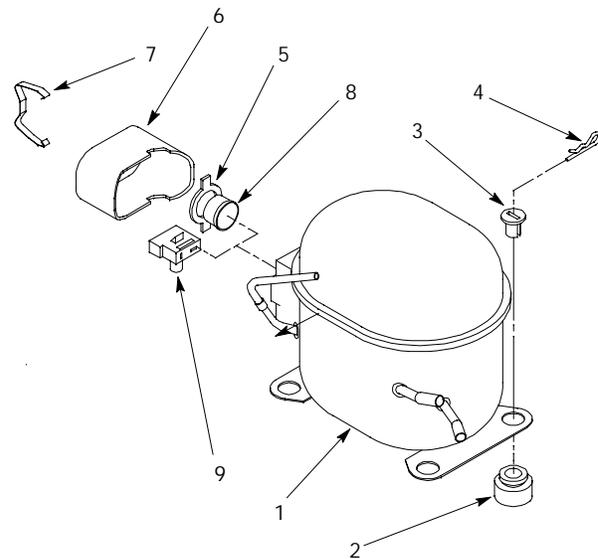


FIGURE 11. COMPRESSOR COMPONENTS



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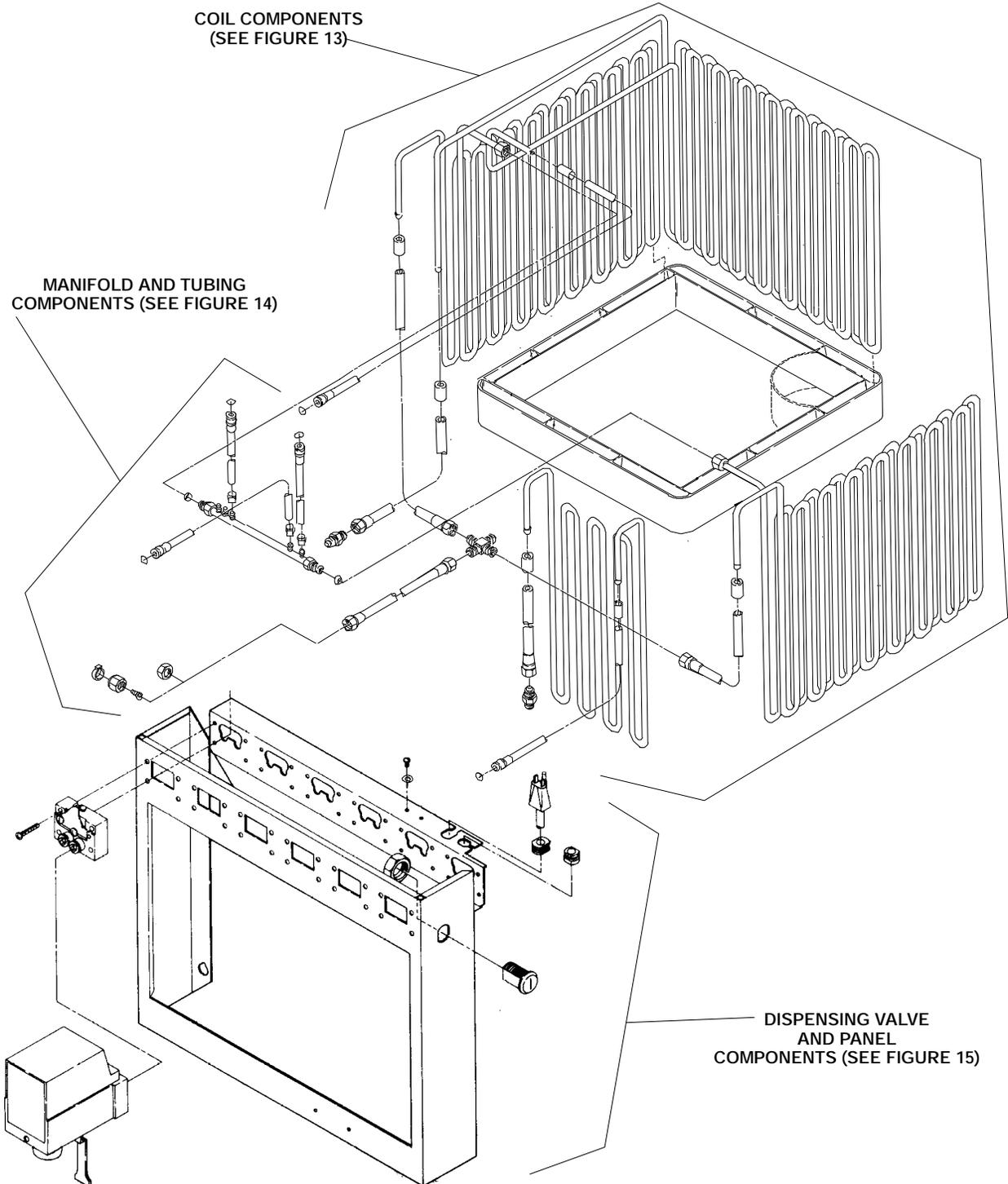


FIGURE 12. VENTURE COIL AND TUBE ASSEMBLY



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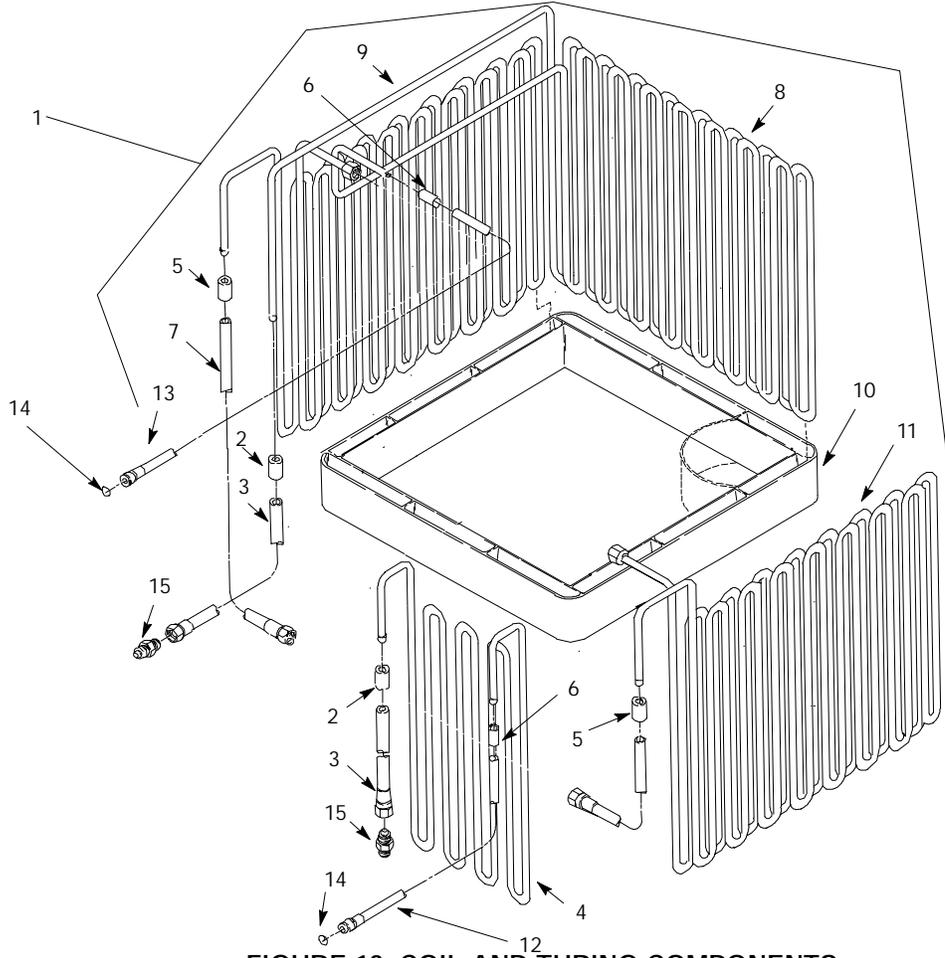


FIGURE 13. COIL AND TUBING COMPONENTS

Item No.	Part No.	Name
1		Coil and Tube Assy (Includes 2-13)
2	176000000	Ferrule .500 I.D.
3	317651000	Tube Prod .265 I.D. x 64" (See Figure 16)
4	317674001	Coil Syr
5	176001000	Ferrule .425 I.D.
6	176035000	Ferrule .335 I.D.
7	312851000	Tube Prod .265 I.D. x 10" (See Figure 16)

Item No.	Part No.	Name
8	317670001	Coil Wtr Plain
9	317671001	Coil Carb Wtr
10	317683000	Retainer Coil
11	318297000	Coil Carb Wtr
12	318446000	Tube Prod .156 I.D. x 10" (See Figure 18)
13	318448000	Tube Prod .156 I.D. x 8" (See Figure 18)
14	317015000	O-Ring .239 I.D.
15	176193000	Fitg Stght 7/16-20



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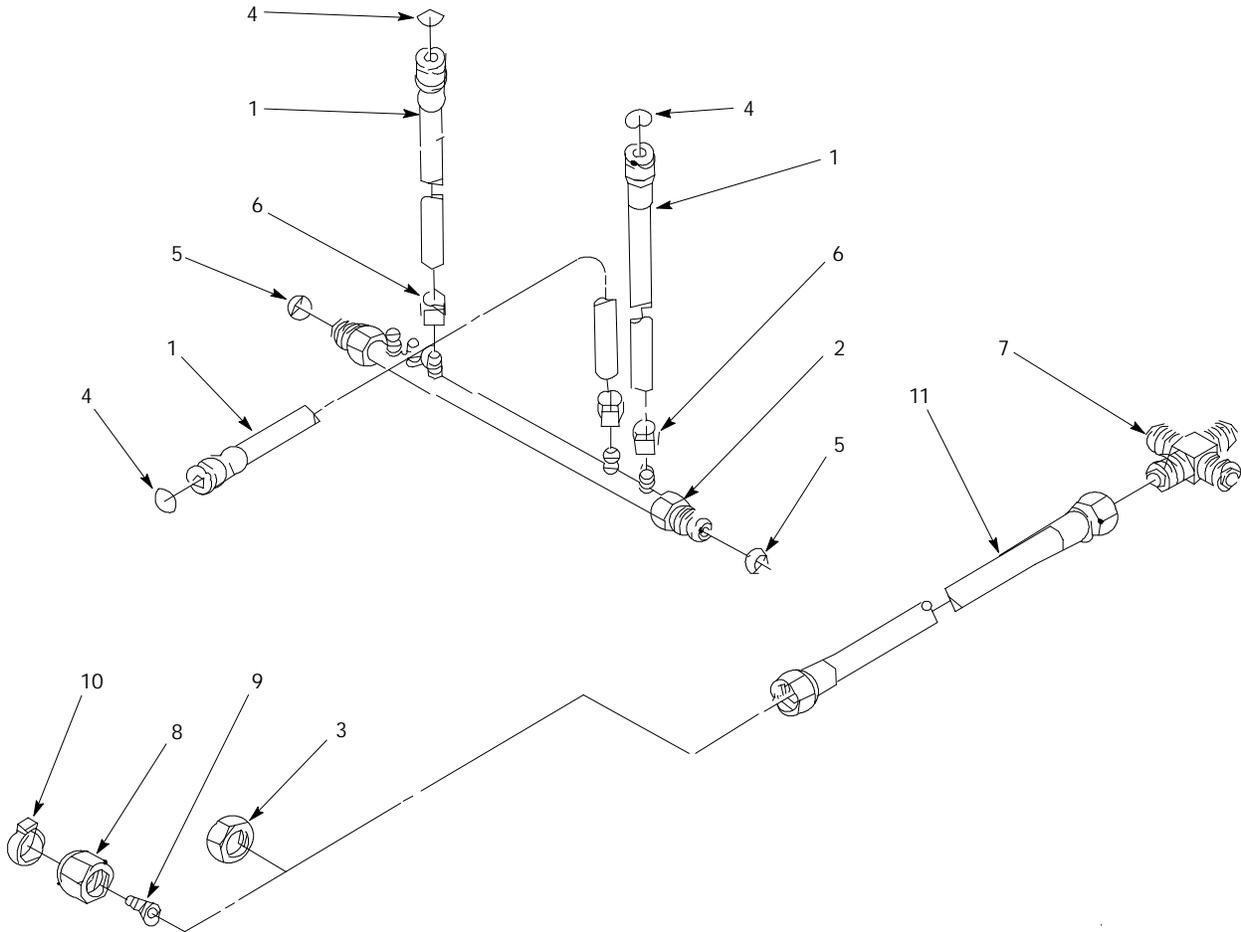


FIGURE 14. MANIFOLD AND TUBING COMPONENTS

Item No.	Part No.	Name
1	318448000	Tube Prod .156 I.D. x 8" (See Figure 18)
2	1613	Manifold Wtr 3-Port (4-Flavor)
	1614	Manifold Wtr 4-Port (5-Flavor)
	1615	Manifold Wtr 5-Port (6-Flavor)
3	77045200	Fitg Cap 7/16-20
4	317015000	O-Ring .239 I.D.
5	178025100	Gasket 1/4 Male Flare

Item No.	Part No.	Name
6	311527000	Clamp
7	176085100	Fitg C-Std 7/16-20
8	176017000	Nut Swiv 7/16-20
9	77010400	Fitg Nipl .265 I.D.
10	300200000	Clamp
11	312505000	Tube Conn .375 I.D. x 72" (See Figure 19)



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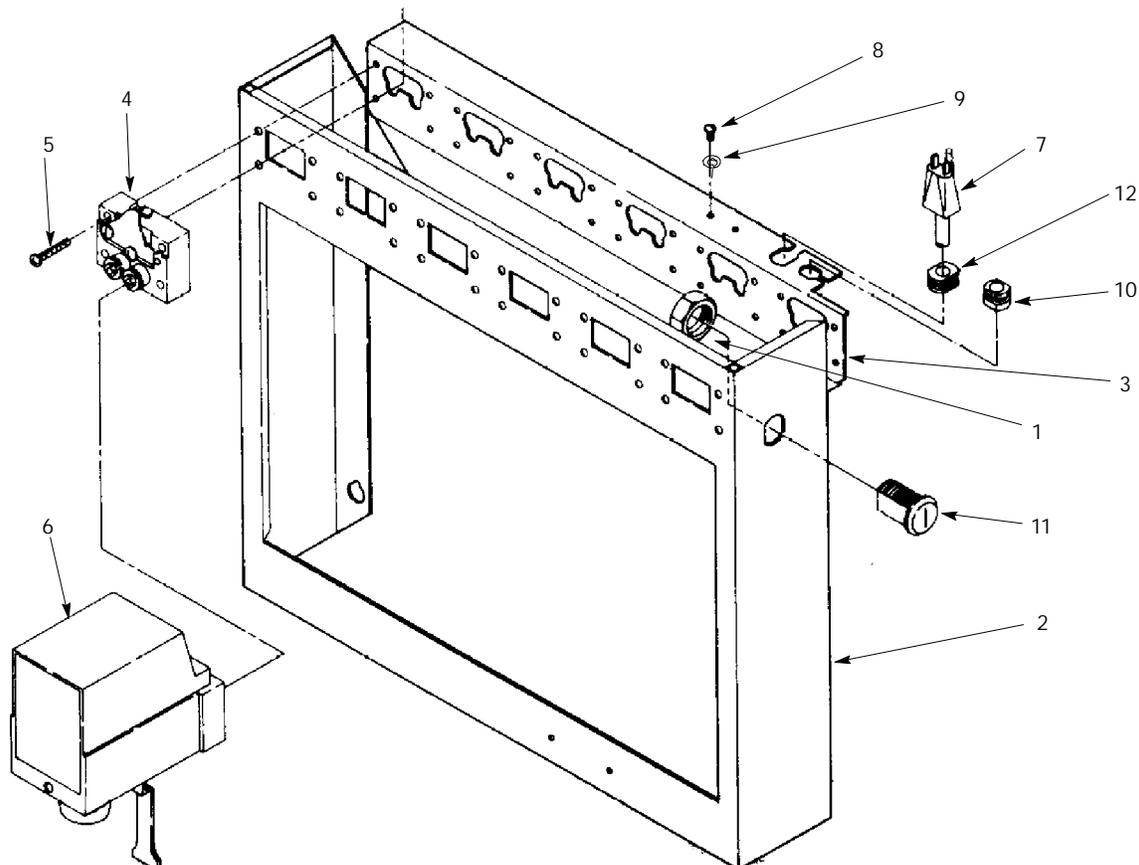


FIGURE 15. DISPENSING VALVE AND PANEL COMPONENTS

Item No.	Part No.	Name
1	318949000	Nut Hex 3/4-24
2	318399004	Panel Val (4-Flavor)
	318399005	Panel Val (5-Flavor)
	318399006	Panel Val (6-Flavor)
3	318398004	Panel Backup (4-Flavor)
	318398005	Panel Backup (5-Flavor)
	318398006	Panel Backup (6-Flavor)
4	318838015	Block Assy (See Dispensing Valve Manual No. 319006008)
5	318308000	Screw TR 10-32 PAPH 32
6		Dispensing Valve (See Dispensing Valve Manual No. 319006008)

Item No.	Part No.	Name
7	2080	Cord Serv Domestic
	197456000	Cord Serv Export
	197460000	Cord Serv Export
8	319941000	Screw TR 8-32 HXWS 12
9	322967000	Washer Sr .142 I.D. (Export)
10	322661000	Strain Relief
11	318569000	Swit Lock On/Off
	318948000	Key Lock Switch
12	186564000	Strain Relief



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Item No.	Part No.	Name
	312851000	Tube Prod .265 I.D. x 10"
	317651000	Tube Prod .265 I.D. x 64"
1	174478000	Tube Flexcor .265 I.D. (Sold by the Foot)
2	176067000	Ferrule .540 I.D.
	176000000	Ferrule .500 I.D.
3	176017000	Nut Swiv 7/16-20
4	77010400	Fitg Nipl .265 I.D.

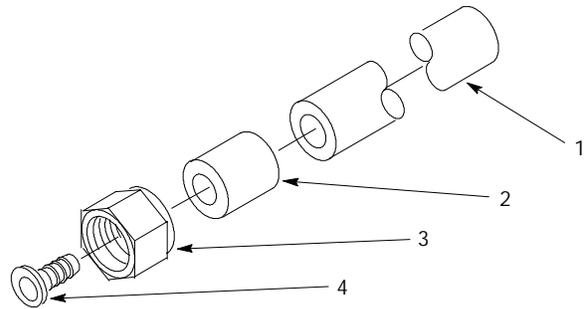


FIGURE 16. TUBING ASS'Y

Item No.	Part No.	Name
	3275	Box Cntl Assy 120V 60HZ
	3294	Box Cntl Assy 230V 50HZ
1	315794000	Control Ice Bank 120V 60HZ
	142498000	Control Ice Bank 230V 50HZ
2	186564000	Strain Relief
3	189378000	Screw MA 6-32 PAPH 20
4	200498003	Nut Hex 8-32
5	2477	Holder Capacitor
6	2792	Capac Run 330V 60HZ
	2793	Capac Run 330V 50/60HZ
7	309898000	Block Term
8	313438000	Swt Toggle On/Off (Not Shown)
9	314015000	Control Liquid Level 120V 60HZ
	197359000	Control Liquid Level 230V 50HZ
10	314112000	Cord Serv 120V 60HZ (Not Shown)
	197455000	Cord Serv 230V 50HZ (Not Shown)
11	320271000	Screw TC 6-32 PAPH 12

Item No.	Part No.	Name
12	322661000	Strain Relief
13	3620	Box Cntl
14	3291	Harn Wire (Not Shown)
15	330181000	Nut Hex 6-32
16	360668000	Bushing Snap

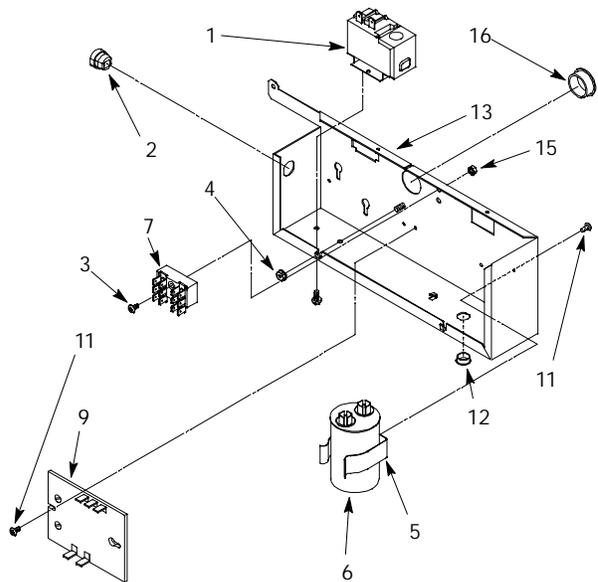


FIGURE 17. CONTROL BOX ASS'Y



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Item No.	Part No.	Name
	318446000	Tube Prod .156 I.D. x 10"
	318448000	Tube Prod .156 I.D. x 8"
1	174102000	Tube CplyBrd .156 I.D. (Sold by the Foot)
2	176004000	Ferrule .335 I.D.
3	77842100	Fitg Val 5/32-Barb

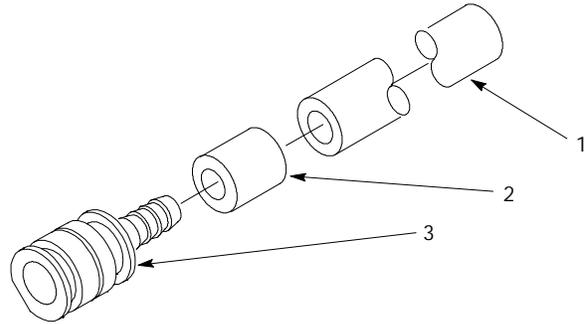


FIGURE 18. VALVE TUBE ASSEMBLY

Item No.	Part No.	Name
	3288	Tube Conn .265 I.D. x 18"
	312505000	Tube Conn .375 I.D. x 72"
	317697000	Tube Conn .265 I.D. x 34"
	322727000	Tube Conn .265 I.D. x 21"
	318049000	Tube Conn .265 I.D. x 72"
1	176013000	Fitg Nipl. .312 I.D.
	176205000	Fitg Nipl. .375 I.D.
	77010400	Fitg Nipl. .265 I.D.
2	176140000	Ferrule .575 I.D.
	176204000	Ferrule .640 I.D.
	176067000	Ferrule .540 I.D.
	176000000	Ferrule .500 I.D.
3	174478000	Tube Flexcor .265 I.D. (Sold by the Foot)
	174030000	Tube Gripcor .375 I.D. (Sold by the Foot)
	174006000	Tube Gripcor .265 I.D. (Sold by the Foot)
4	176017000	Nut Swiv 7/16-20
	311242000	Nut Swiv 5/8-18

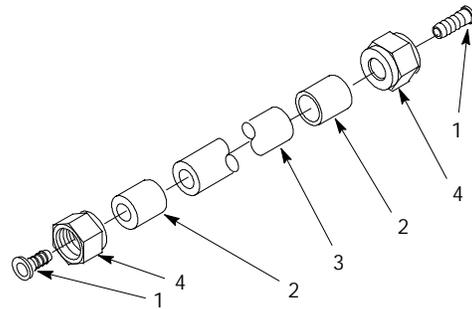


FIGURE 19. TUBE ASSEMBLY



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