



IMI CORNELIUS INC.
Telephone 1-800-238-3600

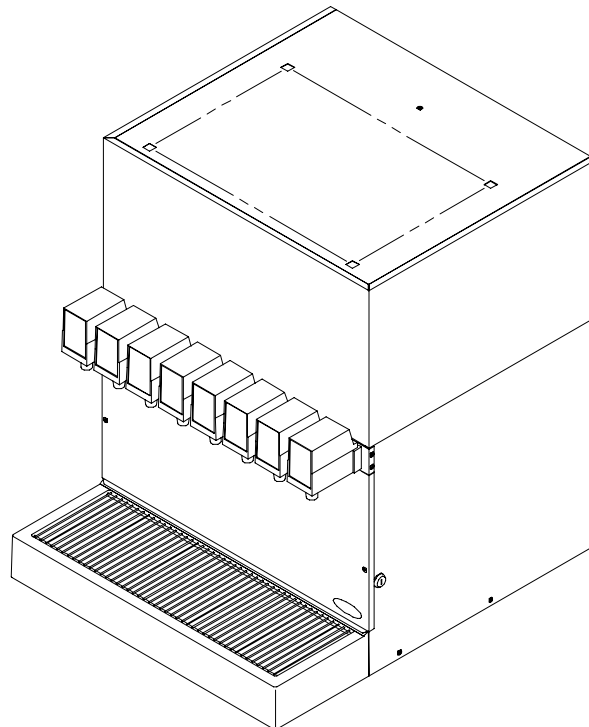
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ILLUSTRATED PARTS LIST

VANGUARD 245 POST-MIX DISPENSER

PART NO.

417306xxxxx
417308xxxxx
477308xxxxx
477316xxxxx
477318xxxxx
497306xxxxx
497308xxxxx
497316xxxxx
497318xxxxx
891222401





VANGUARD 245 POST-MIX DISPENSER (REMOTE AND AMBIENT, NON-CARBONATED)





ILLUSTRATED PARTS LIST

VANGUARD 245 POST-MIX DISPENSER (REMOTE AND AMBIENT, NON-CARBONATED)

Item No.	Part No.	Name
1	560002628	Tank Asy
2	4083	Harn Wire (Not Shown)
3	71827615	Switch KeyLock
4	4924	Panel Val 6-Flavor
	4228	Panel Val 8-Flavor
5	140135000	Clamp Hose
6	113500000	Tube Vynl.500 I.D. (Sold by the Foot)
7	140594000	Tube Vynl .312 I.D. (Sold by the Foot)
8	4173	Insulation Tank
9	560001878	Coil Wtr No. 2 6-Flavor
	560001881	Coil Wtr No. 2 and 3 8-Flavor
10	560001874	Coil Wtr No. 3 6-Flavor
	560001876	Coil Wtr No. 4 8-Flavor
11	560001886	Retainer Coil
12	560001882	Coil Wtr No. 4 and 5 6-Flavor or No. 5 and 6 8-Flavor
13	4763	Retainer Coil Front
14	560001875	Coil Wtr No.6 6-Flavor
	560001877	Coil Wtr No. 7 and 8 8-Flavor
15	560000862	Coil Syr Asy RH (Remote)
	560000862	Tube Syr Inlet 3/8" (Ambient)
16	560001880	Coil Wtr No. 1
17	188072000	Screw SM 10 TRPH 16
18	560001329	Hood Asy

Item No.	Part No.	Name
19	560003651	Chassis Rfg 115V 60HZ (See Figure 3)
	560003652	Chassis Rfg 230V 50HZ (See Figure 3)
	560003653	Chassis Rfg 220V 50HZ (See Figure 3)
20	317015000	O-Ring .239 I.D.
21		Dispensing Valve Ass'y (See Manufactures Manual)
22	318308000	Screw TR 10-32 PAPH 32
23	4123	Cover Access Back
24	317784000	Screw TC 8-18 TRPH 16
25	3982	Panel Accs
26	4771	Cup Rest
	560001449	Cup Rest (Optifill Valve)
27	77150200	Fitg Drain 1/2-20
28	77150300	Fitg Drain L 1/2-Barb
29	4772	Drip Tray
30	4778	Brkt Mtg Drip Tray
31	331309000	Screw SM 8 TRPH 16
32	140135000	Clamp Hose
33	113500000	Tube Vynl .500 I.D. (Sold by the Foot)
34	200498003	Nut Hex No. 8-32
35	186207000	Washer Ft .219 I.D.
36	188072000	Screw SM 10 TRPH 16



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VANGUARD 245 POST-MIX DISPENSER (COLD CARBONATED)

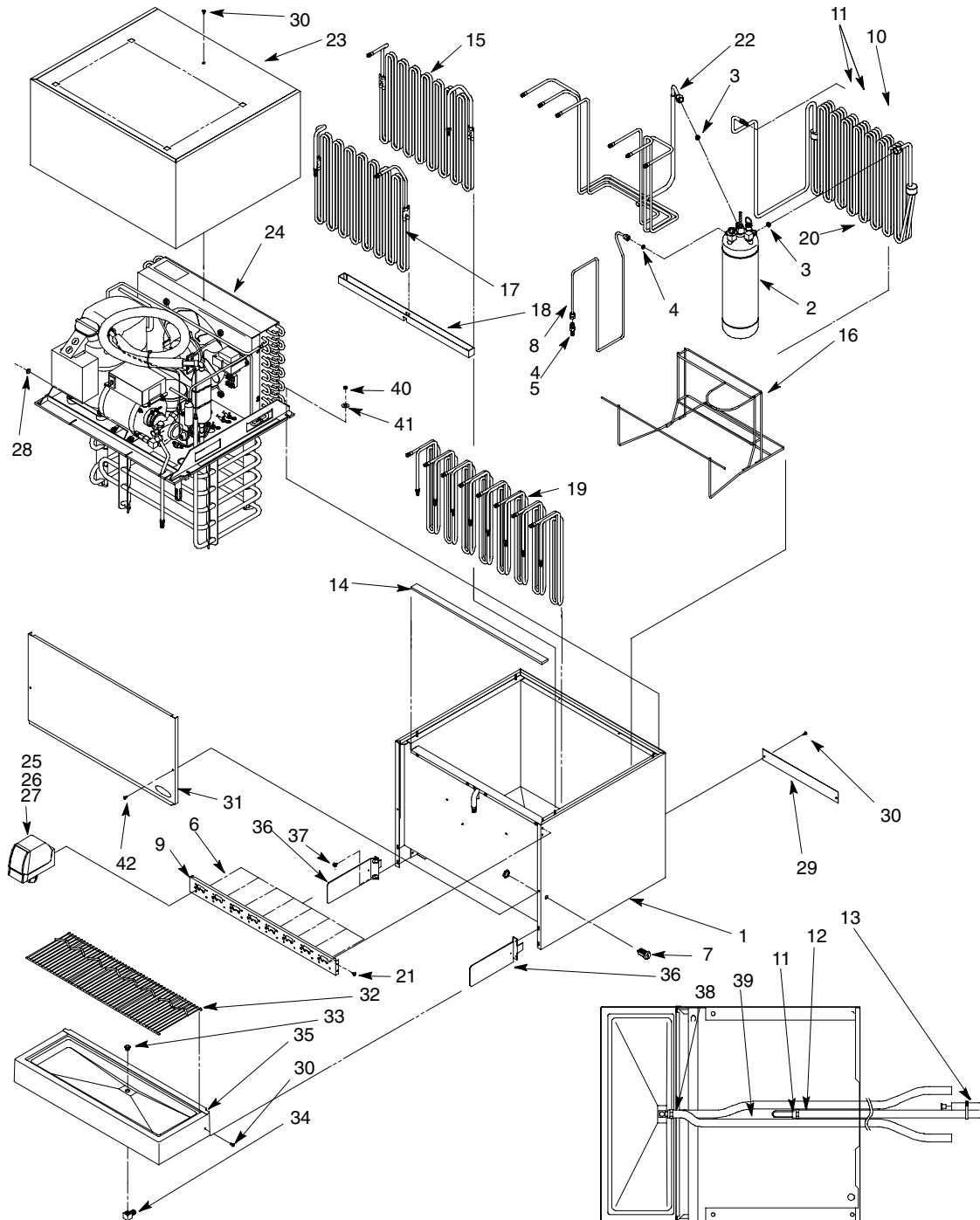


FIGURE 2. VANGUARD 245 POST-MIX DISPENSER (COLD CARB) ASSEMBLY



ILLUSTRATED PARTS LIST

VANGUARD 245 POST-MIX DISPENSER (COLD CARBONATED)

Item No.	Part No.	Name
1	560002628	Tank Asy
2	560000869	Tank Carb Asy
	318362000	Stem Asy Relief Val
	3195	Probe Level Cntl
	317974000	Deflector Water Relief
3	311304000	Gasket 3/8 Male Flare
4	178025100	Gasket 1/4 Male Flare
5	183310000	Valve Chk Blkhd
6	4083	Harn Wire
7	71827615	Switch Keylock
8	560000872	Tube Inlet CO ₂
9	4924	Panel Val 6-Flavor
	4228	Panel Val 8-Flavor
10	560001487	Tube Conn .375 I.D. Flex 8"
11	140135000	Clamp Hose
12	113500000	Tube Vynl .500 I.D. (Sold by the Foot)
13	140594000	Tube Vynl .312 I.D. (Sold by the Foot)
14	4173	Insulation Tank
15	560001874	Coil Wtr No. 3 6-Flavor
	560001876	Coil Wtr No. 4 8-Flavor
16	560002983	Retainer Coil
17	560001426	Coil Asy Wtr No. 4 6-Flavor
	560000753	Coil Asy Wtr No. 5 8-Flavor
18	4763	Retainer Coil Front
19	560000862	Coil Syr Asy RH
20	560000874	Coil Water Assy
21	188072000	Screw SM 10 TRPH 16

Item No.	Part No.	Name
22	560001393	Manifold Wtr 6-Flavor
	560001342	Manifold Wtr 8-Flavor
23	560001329	Hood Asy
24	560003654	Chassis Rfg 230V 60HZ (See Figure 4)
	560003655	Chassis Rfg 220V 50HZ (See Figure 4)
25	317015000	O-Ring .239 I.D.
26		Dispensing Valve Ass'y (See Manufactures Manual)
27	318308000	Screw TR 10-32 PAPH 32
28	311304000	Gasket 3/8 Male Flare
29	4123	Cover Access Back
30	317784000	Screw TC 8-18 TRPH 16
31	3982	Panel, Accs
32	4771	Cup Rest
33	77150200	Fitg Drain 1/2-20
34	77150300	Fitg Drain, L 1/2-Barb
35	4772	Drip Tray
36	4778	Brkt Mtg Drip Tray
37	331309000	Screw SM 8 TRPH 16
38	140135000	Clamp Hose
39	113500000	Tube Vynl .500 I.D.(Sold by the Foot)
40	200498003	Nut Hex No. 8-32
41	186207000	Washer Ft .219 I.D.
42	188072000	Screw SM 10 TRPH 16



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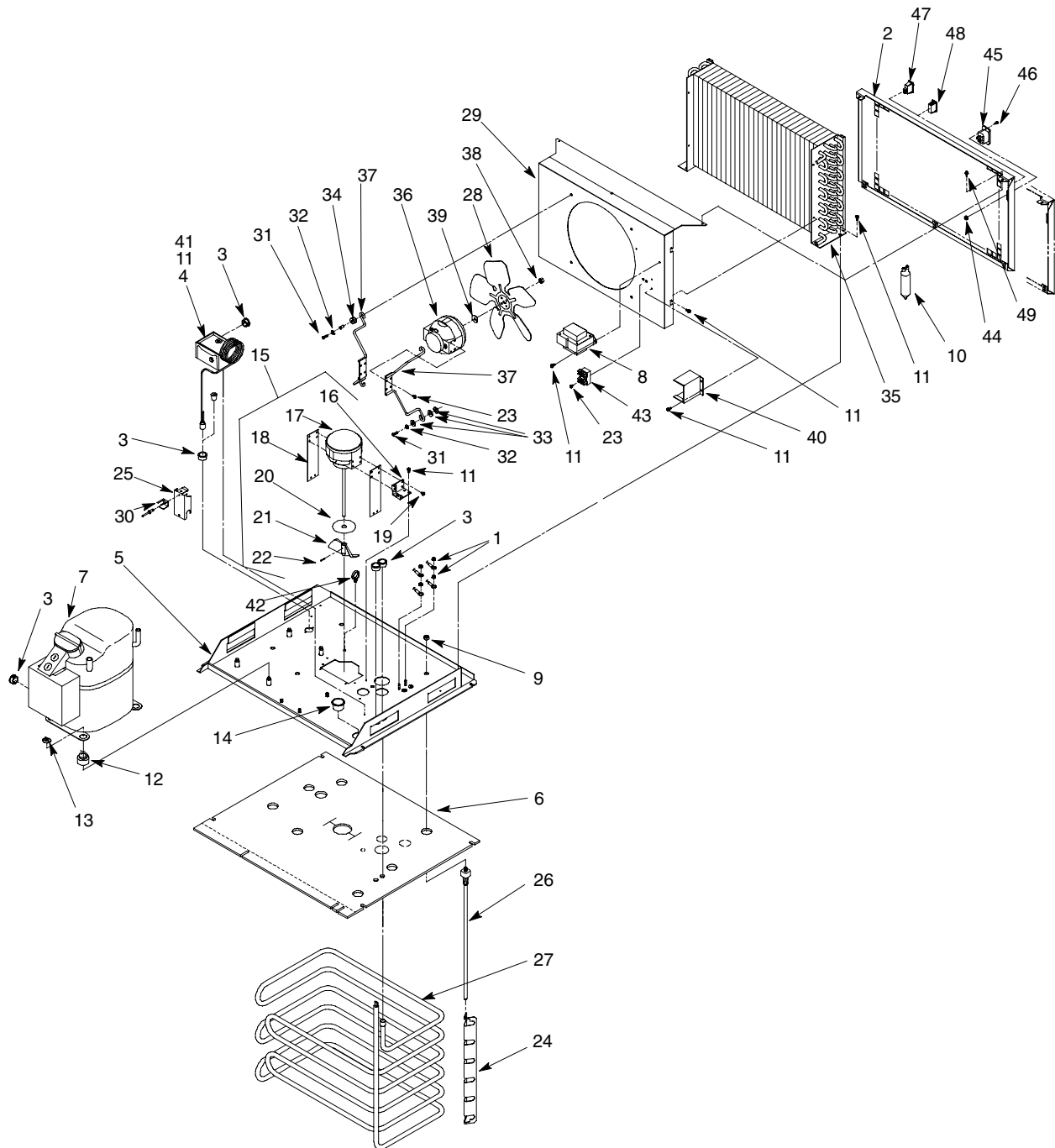


FIGURE 3. VANGUARD 245 REFRIGERATION (REMOTE AND AMBIENT) ASSEMBLY



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VANGUARD 245 POST-MIX DISPENSER (REMOTE AND AMBIENT, NON-CARBONATED)

Item No.	Part No.	Name
1	200498003	Nut Hex No. 8-32
2	560002107	Panel Back
3	320389000	Bushing Snap
4	4680	Screw MA 8-32 PAPH 6
5	560001722	Platform Rfg
6	560000755	Insulation Platform
7	4740	Kit Comp 3/4 H.P. 120V 60HZ
	569000206	Kit Comp 3/4 H.P. 230V 60HZ
	569000205	Kit Comp 3/4 H.P. 230V 50HZ
8	449999999	Transfrmr 120V 60HZ-24V
	449999996	Transfrmr 208/240V 60HZ-24V
	560002114	Transfrmr 230V 50HZ-24V
9	186146000	Nut Hex 5/16-18
10	2602	Dryer
11	319941000	Screw TR 8-32 HXWS 12
12	189723000	Grommet Comp
13	187888000	Clip Comp Mtg
14	316727000	Cap Plg
15	560001748	Motor Asy Agit 120V 60HZ (Includes 16-22)
	560001725	Motor Asy Agit 240V 60HZ (Includes 16-22)
	560004702	Motor Asy Agit 230V 50/60HZ (Includes 16-22)
16	4932	Brkt Mtr Agit
17	111778000	Motor Agit 25W 120V 60HZ
	308912000	Motor Agit 25W 240V 60HZ
	318168002	Motor Agit 18W 230V 50/60HZ
18	319856000	Plate Heat Transfer
19	186154000	Screw SE 8-36 PAPH 12
20	186599000	Slinger Water
21	3600	Blade Agit 2-Bld

Item No.	Part No.	Name
22	186610000	Pin Sprg
23	186154000	Screw SE 8-36 PAPH 12
24	560003858	Spacer Evap
25	560003071	Holder Ice Bank Probe
26	319347016	Rod Support Evap
27	4786	Evap Coil
28	3113	Fan 5-Bld
29	560002108	Shroud Cond
30	560001537	Holder C-Bulb
31	186770000	Screw MA 10-24 RDPH 20
32	120227000	Washer Lk .194 I.D.
33	320539000	Washer Ft .191 I.D.
34	321484000	Grommet
35	560000292	Cond Coil
36	4197	Motor Fan 35W 120V 60HZ
	560000123	Motor Fan 35W 240V 60HZ
	560000170	Motor Fan 23W 230V 50HZ
37	2944	Brkt Mtr Fan
38	189429000	Nut Hex 1/4-20
39	187394000	Cushion Fan Mount
40	560001720	Cover Terminal Block
41	4187	Control Ice Bank
	569000257	Kit Istl 120V 60HZ
42	2757	Retainer
43	309898000	Block Term
44	5119	Nut Hex No. 4-40
45	560001415	Receptacle
46	310780000	Screw MA 4-40 PAPH 20
47	309645000	Swt Rocker (120V 60HZ)
48	560001396	Plug Swt (220/230V 50/60HZ)
49	188117000	Screw SM 8 TRPH 12



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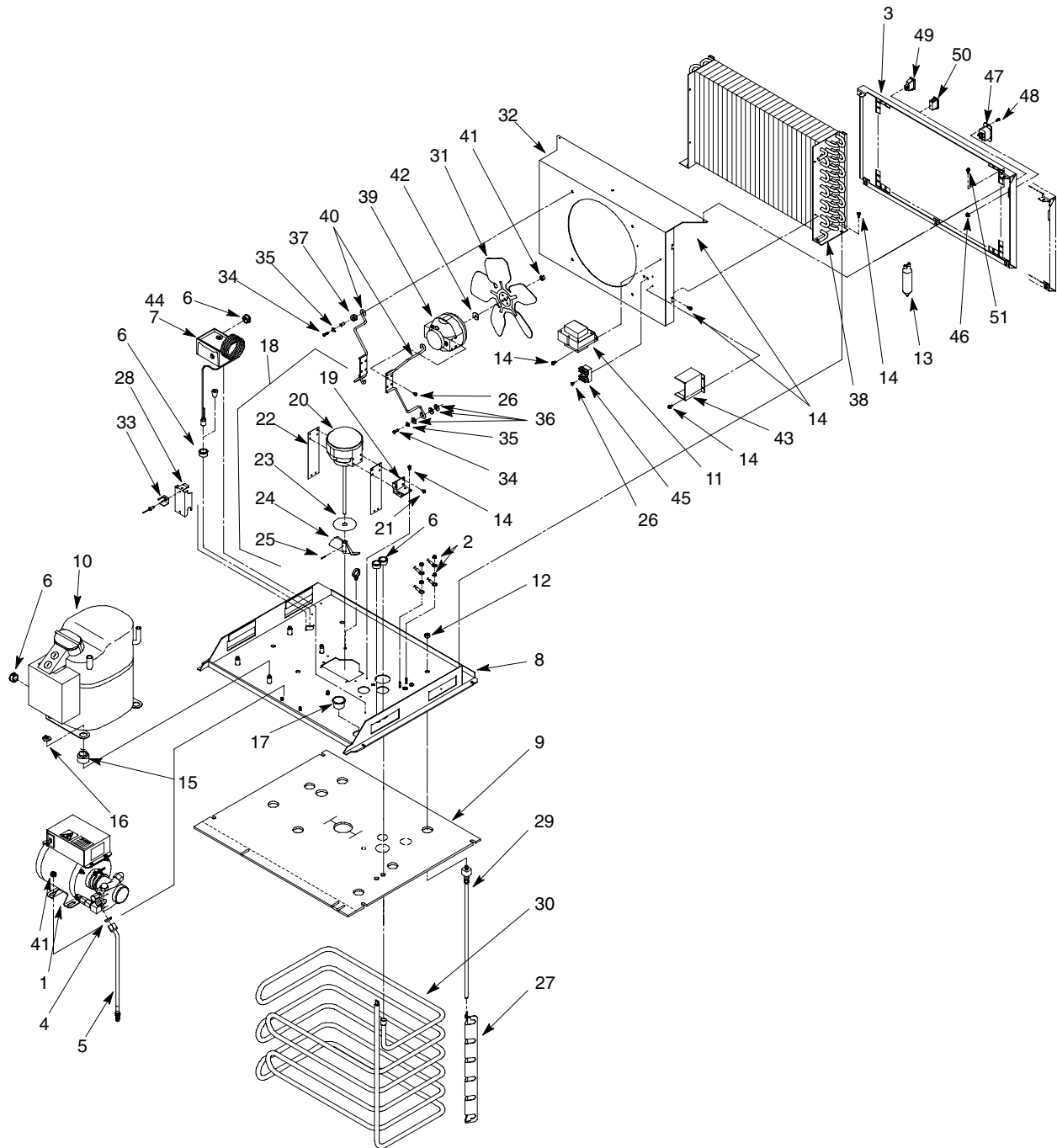


FIGURE 4. VANGUARD 245 REFRIGERATION (COLD CARB) ASSEMBLY



ILLUSTRATED PARTS LIST

VANGUARD 245 POST-MIX DISPENSER (COLD CARBONATED)

Item No.	Part No.	Name
1		Pump and Mot Asy 230V 60HZ (See Figure 5) Pump and Mot Asy 230V 50HZ (See Figure 5)
2	200498003	Nut Hex No. 8-32
3	560002107	Panel Back Chassis
4	311304000	Gasket 3/8 Male Flare
5	560000754	Tube Inlet Pump
6	320389000	Bushing Snap
7	4680	Screw MA 8-32 PAPH 6
8	560000734	Platform Rfg
9	560000755	Insulation Platform
10	569000206 569000205	Kit Comp 3/4 H.P. 240V 60HZ Kit Comp 3/4 H.P. 230V 50HZ
11	560002114 449999996	Transfrmr 230V 50HZ-24V Transfrmr 208/240V 60HZ-24V
12	186146000	Nut Hex 5/16-18
13	2602	Dryer
14	319941000	Screw TR 8-32 HXWS 12
15	189723000	Grommet Cop
16	187888000	Clip Comp Mtg
17	316727000	Cap Plug
18	560005518 560004702	Motor Assy Agit 240V 60HZ (Includes 19-25) Motor Assy Agit 230V 50/60HZ (Includes 19-25)
19	4932	Brkt Mtr Agit
20	308912000 318168002	Motor Agit 25W 240V 60HZ Motor Agit 18W 230V 50/60HZ
21	186154000	Screw SE 8-36 PAPH 12

Item No.	Part No.	Name
22	319856000	Plate Heat Transfer
23	186599000	Slinger Water
24	3600	Blade Agit
25	186610000	Pin Sprg
26	186154000	Screw SE 8-36 PAPH 12
27	560003858	Spacer Evap
28	560003071	Holder Ice Bank Probe
29	319347016	Rod Support Evap
30	4786	Evap Coil
31	3113	Fan 5-Bld
32	560002108	Shroud Cond
33	560001537	Holder C-Bulb
34	186770000	Screw MA 10-24 RDPH 20
35	120227000	Washer Lk .194 I.D.
36	320539000	Washer Ft .191 I.D.
37	321484000	Grommet
38	560000292	Cond Coil
39	560000123 560000170	Motor Fan 35W 240V 60HZ Motor Fan 23W 230V 50HZ
40	2944	Brkt Mtr Fan
41	189429000	Nut Hex 1/4-20
42	187394000	Cushion Fan Mount
43	560001720	Cover Terminal Block
44	4187	Control Ice Bank
45	309898000	Block Term
46	5119	Nut Hex No. 4-40
47	560001415	Receptacle
48	310780000	Screw MA 4-40 PAPH 20
49	309645000	Swt (115V 60HZ)
50	560001396	Plug Swt (220/230V 50/60HZ)
51	188117000	Screw SM 8 TRPH 12



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VANGUARD 245 POST-MIX DISPENSER (COLD CARBONATED)

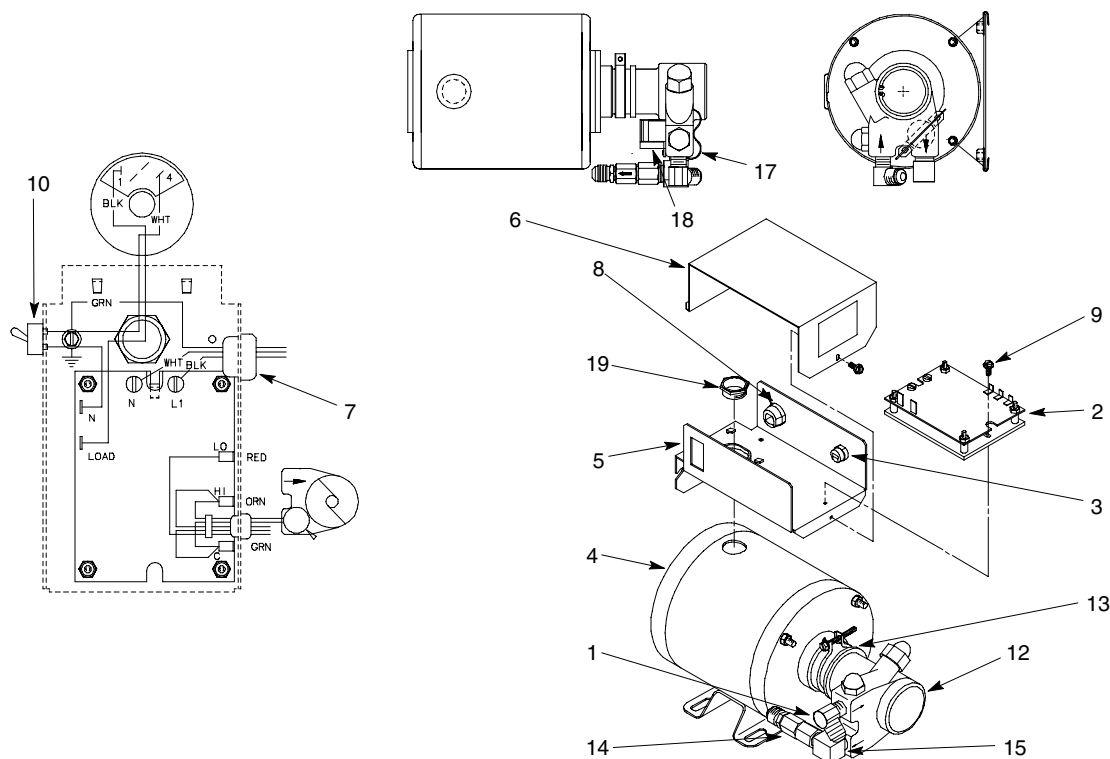


FIGURE 5. PUMP AND MOTOR (COLD CARB) ASSEMBLY

Item No.	Part No.	Name
		Pump and Mot 230V 60HZ Pump and Mot 230V 50HZ
1	361003200	Fitg L 3/8-MPT By 5/8-18
2	197359000	Control Liquid Level
3	395098000	Strain Relief
4	320626000 199020000	Motor Pump 1/4HP 230V 50/60HZ Motor Pump 1/4HP 230V 50HZ
5	560000863	Box Cntl
6	4967	Cover Elec Box
7	560001630	Cord Jump
8	319453000	Strain Relief

Item No.	Part No.	Name
9	319941000	Screw TR 8-32 HXWS 12
10	313438000	Swt Toggle
11	3175	Harn Wire Carb (Not Shown)
12	312996000	Pump Water 100GPH
13	187483000	Clamp Pump and Motor
14	2991	Valve Chk Dual
15	1151	Fitg L 3/8-NPT
16	200498003	Nut Hex No. 8-32 (Not Shown)
17	317989000	Thermostat Cntl
18	318039000	Clip Thermo
19	168049000	Fitg Chase Conduit