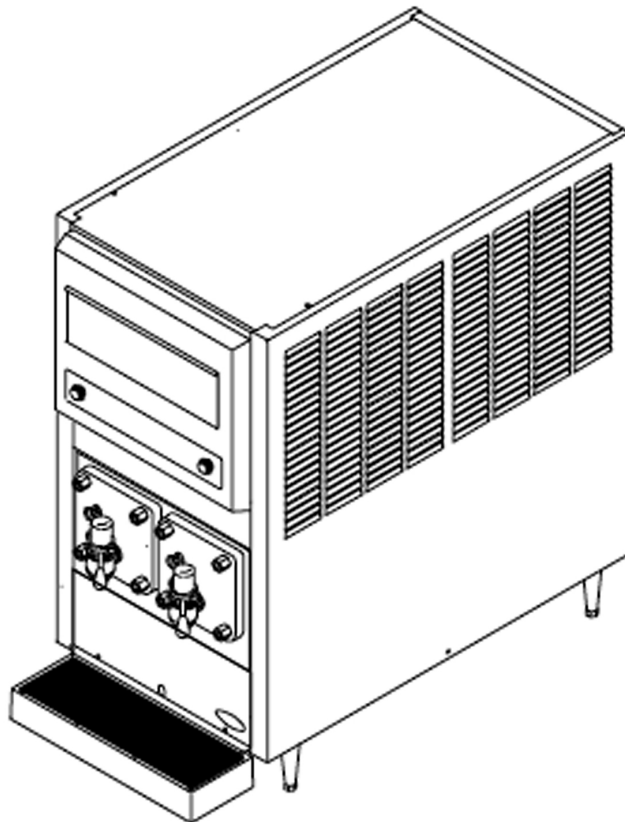


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# **FCB (OC2) POST-MIX DISPENSER WITH HOT-GAS DEFROST AND V4 ELECTRONICS (DEFROST/ERROR INDICATOR LIGHTS)**

## **Illustrated Parts List**



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## OVERCOUNTER FCB POST-MIX DISPENSER

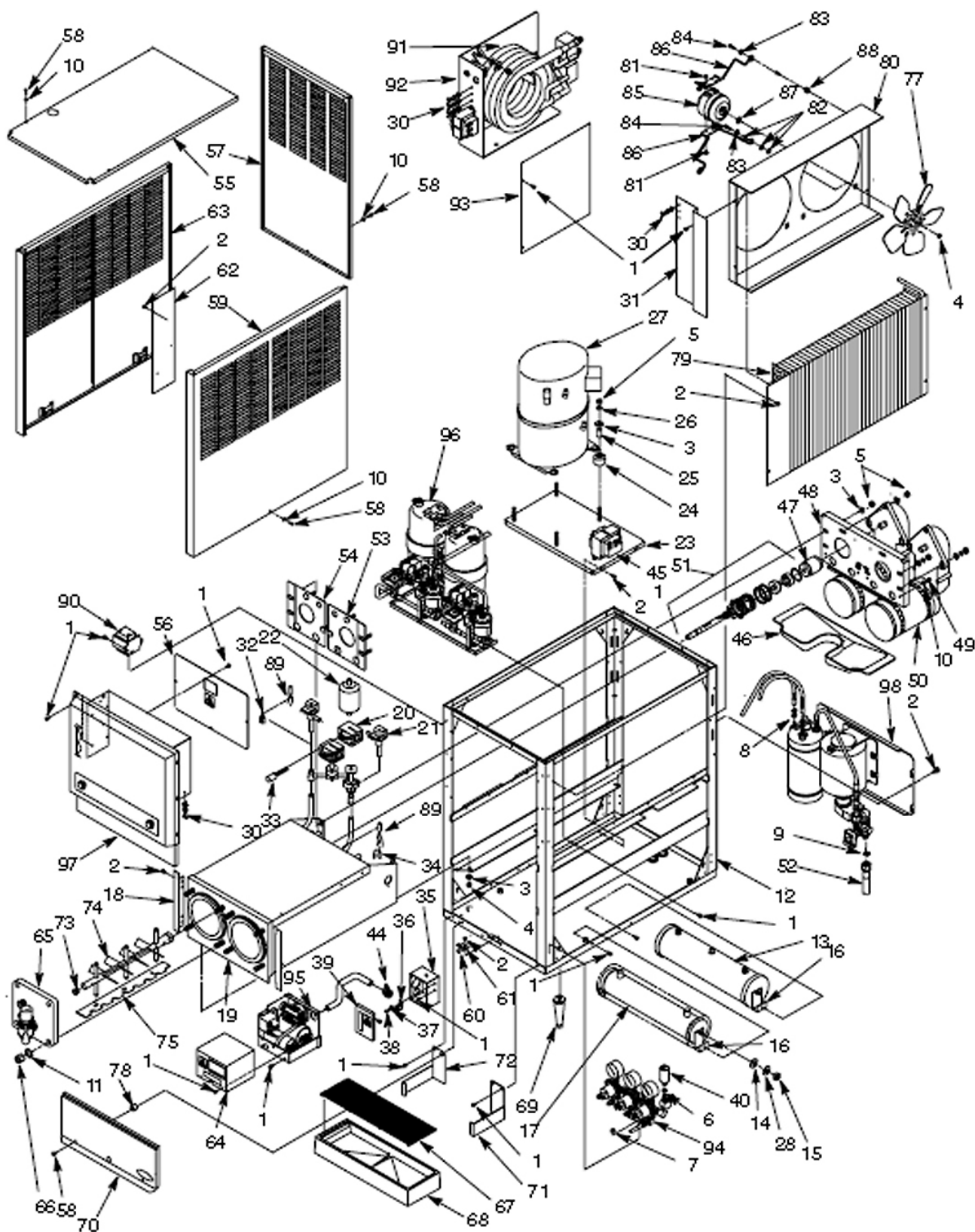


Figure 1. Overcounter FCB Post-Mix Dispenser



Table 1. Overcounter FCB Post-Mix Dispenser

| Item No. | Part No.                  | Name                                                                  |
|----------|---------------------------|-----------------------------------------------------------------------|
| 1        | 319941000                 | Screw, TR 08-32 HXWS 12                                               |
| 2        | 325282000                 | Screw, SD 08-18 HXWS 16                                               |
| 3        | 318418000                 | Washer, Ft .312 I.D.                                                  |
| 4        | 189429000                 | Nut, Hex 1/4-20                                                       |
| 5        | 560004690                 | Nut, Hex 5/16-18                                                      |
| 6        | 178025100                 | Gasket, 1/4 Male Flare                                                |
| 7        | 200498003                 | Nut, Hex 8-32                                                         |
| 8        | 560004335                 | Clamp                                                                 |
| 9        | 311304000                 | Gasket, 3/8 Male Flare                                                |
| 10       | 343304000                 | Washer SR .204 I.D.                                                   |
| 11       | 320916000                 | Washer Ft .450 I.D.                                                   |
| 12       | 2604<br>560003622         | Frame<br>Frame Top Cond                                               |
| 13       | 2582                      | Receiver                                                              |
| 14       | 186147000                 | Washer, Ft .375 I.D.                                                  |
| 15       | 150777000                 | Nut, Hex 3/8-16                                                       |
| 16       | 2613                      | Brkt, Recvr/Accum                                                     |
| 17       | 2581                      | Accum                                                                 |
| 18       | 325701000                 | Extension, Foam Pack                                                  |
| 19       | 4409                      | Foam Pack                                                             |
| 20       | 325579000                 | Solenoid, Pull 208/240V 50/60HZ                                       |
| 21       | 326071000                 | Valve, Expan Solnd                                                    |
| 22       | 60686                     | Dryer                                                                 |
| 23       | 2623                      | Base, Sub Compressor                                                  |
| 24       | 3608                      | Grommet, Compr                                                        |
| 25       | 3609                      | Spacer, Comp Mount                                                    |
| 26       | 186148000                 | Washer, Lk .319 I.D.                                                  |
| 27       | 3898<br>4274<br>629087545 | Kit, Comp 2HP 240/60<br>Kit, Comp 3HP 230/5/6<br>Kit, Comp 3HP 220/50 |
| 28       | 325673000                 | Washer, SR .384 I.D.                                                  |
| 29       | 309524011                 | Cord, Jump (Not Shown)                                                |
| 30       | 0831                      | Clip, Retain Syr Line                                                 |
| 31       | 3038                      | Shield, Wire Brkt                                                     |
| 32       | 309338011                 | Clip, Sensor Small                                                    |
| 33       | 1317                      | Filter, Elec Solnd                                                    |
| 34       | 309338012                 | Clip, Sensor Large                                                    |
| 35       | 560000929                 | Box, Elec Utility                                                     |
| 36       | 321811000                 | Nut, Hex 10-32                                                        |
| 37       | 325145000                 | Washer, SR .205 I.D.                                                  |
| 38       | 325069000                 | Screw, MA 10-24 HXSL 16                                               |
| 39       | 560000930                 | Cover, Elec Box                                                       |
| 40       | 325776000                 | Switch, Press CO2 50-75PSI 240V                                       |
| 41       | 560001286                 | Harn, Wire Input (Not Shown)                                          |
| 42       | 560001288                 | Harn, Wire Output (Not Shown)                                         |
| 43       | 560001290                 | Harn, Wire Hot Gas (Not Shown)                                        |
| 44       | 3231                      | Strain Relief                                                         |
| 45       | 560001283                 | Transfrmr, 230V 50/60HZ-115V                                          |

Table 1. Overcounter FCB Post-Mix Dispenser

| Item No. | Part No.                                                                                                                                       | Name                                                                                                                                                                                                                                                                              |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 46       | 3879                                                                                                                                           | Cover, Motor                                                                                                                                                                                                                                                                      |
| 47       | 3787                                                                                                                                           | Coupling, Shaft                                                                                                                                                                                                                                                                   |
| 48       | 3238                                                                                                                                           | Brkt, Mtr Beat                                                                                                                                                                                                                                                                    |
| 49       | 320940000                                                                                                                                      | Screw, SD 10-16 HXWS 20                                                                                                                                                                                                                                                           |
| 50       | 4210<br>4689                                                                                                                                   | Motor, Gear Kit 230/5/6<br>Motor, Gear 230/5/6 120RPM                                                                                                                                                                                                                             |
| 51       | 3156                                                                                                                                           | Shaft, Drive Assy (See Figure 24)                                                                                                                                                                                                                                                 |
| 52       | 176272396                                                                                                                                      | Tube Conn .375 I.D. x 96" (See Figure 20)                                                                                                                                                                                                                                         |
| 53       | 3236                                                                                                                                           | Plate, Mtr Beat LH                                                                                                                                                                                                                                                                |
| 54       | 3237                                                                                                                                           | Plate, Mtr Beat RH                                                                                                                                                                                                                                                                |
| 55       | 560001292<br>560004946<br>560004315<br>2685<br>560005118<br>560004918<br>560003649<br>560004944<br>560001293<br>560003618<br>560004418<br>3104 | Panel, Top White<br>Panel, Top Top Cond White<br>Panel, Top Beige WL<br>Panel, Top Beige<br>Panel, Top Top Cond New<br>Panel, Top EXP Thai<br>Panel, Top Black<br>Panel, Top Top Cond Black<br>Panel, Top SST<br>Panel, Top Top Cond<br>Panel, Top Top Cond SST<br>Panel, Top SST |
| 56       | 2716                                                                                                                                           | Cover, Cntrl Box Upper                                                                                                                                                                                                                                                            |
| 57       | 560000845<br>560004935<br>2672<br>560005119<br>560004919<br>560003373<br>33103                                                                 | Panel, Back Wht<br>Panel, Back Top Cond White<br>Panel, Back Beige<br>Panel, Back Top Cond New<br>Panel, Back Thai Beige<br>Panel, Back Black<br>Panel, Back Top Cond Black                                                                                                       |
| 58       | 3108                                                                                                                                           | Screw, TC 10-32 PAPH 32                                                                                                                                                                                                                                                           |
| 59       | 560000844<br>560004936<br>2671<br>560005120<br>560004920<br>560003372<br>560004931<br>3102<br>560003620                                        | Panel, Side RH White<br>Panel, Side RH Top Cond White<br>Panel, Side RH Beige<br>Panel, Side RH Top Cond Beige<br>Panel, Side RH Thai Beige<br>Panel, Side RH Black<br>Panel, Side RH Top Cond Black<br>Panel, Side RH SST<br>Panel, Side RH Top Cond SST                         |
| 60       | 320754000                                                                                                                                      | Tube, Drain                                                                                                                                                                                                                                                                       |
| 61       | 320776000                                                                                                                                      | Strap, Tube                                                                                                                                                                                                                                                                       |
| 62       | 3173                                                                                                                                           | Shield, Wire Side                                                                                                                                                                                                                                                                 |
| 63       | 560000843<br>560004937<br>2670<br>560005121<br>560004921<br>560003371<br>560004932<br>3101<br>560003621                                        | Panel, Side LH White<br>Panel, Side LH Top Cond White<br>Panel, Side LH Beige<br>Panel, Side LH Top Cond Beige<br>Panel, Side LH Thai Beige<br>Panel, Side LH Black<br>Panel, Side LH Top Cond Black<br>Panel, Side LH SST<br>Panel, Side LH Top Cond SST                         |
| 64       | 3832                                                                                                                                           | Cover, Control Box                                                                                                                                                                                                                                                                |
| 65       | 326106000<br>560004156                                                                                                                         | Door, Frz Cyl Assy (See Figure 17)<br>Door, Frz Cyl Assy Lancer (See Figure 17)                                                                                                                                                                                                   |
| 66       | 320553001                                                                                                                                      | Nut, Hex 7/16-14                                                                                                                                                                                                                                                                  |
| 67       | 317660000<br>620708530                                                                                                                         | Cup, Rest<br>Cup, Rest, New                                                                                                                                                                                                                                                       |

Table 1. Overcounter FCB Post-Mix Dispenser

| Item No. | Part No.                                    | Name                                                                                                                         |
|----------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 68       | 317659029<br>317659049<br>620046231         | Drip, Tray<br>Drip, Tray Top Cond<br>Drip, Tray, New                                                                         |
| 69       | 3184                                        | Leg, Leveler                                                                                                                 |
| 70       | 560003643<br>560003645                      | Panel, Front Splash<br>Panel, Splash Long                                                                                    |
| 71       | 2739<br>620051269<br>560003980<br>620052091 | Bracket, Drip Tray RH<br>Bracket, Drip Tray RH, New<br>Bracket, Drip Tray RH Top Cond<br>Bracket, DripTray Rh Top Cond, New  |
| 72       | 2738<br>620051268<br>560003647<br>620052090 | Bracket, Drip Tray LH<br>Bracket, Drip Tray LH, New<br>Bracket, Drip Tray LH Top Cond<br>Bracket, Drip Tray LH Top Cond, New |
| 73       | 2392                                        | Bushing, Split                                                                                                               |
| 74       | 2353<br>3432                                | Body, Beater<br>Body, Beater W/Paddle                                                                                        |
| 75       | 325457000                                   | Blade, Scraper                                                                                                               |
| 76       | 326002000                                   | Kit, Drain Drip Tray (Not Shown; See Figure 21)                                                                              |
| 77       | 3113<br>560004429                           | Fan, 10" Diameter 5-Blade<br>Fan, 11" Diameter 5-Blade                                                                       |
| 78       | 3247                                        | Spacer, 0.192 ID X 0.500 OD                                                                                                  |
| 79       | 2580<br>560003623                           | Condenser Coil Air Cooled<br>Condenser Coil Top Condenser                                                                    |
| 80       | 2621<br>560003626<br>560004333              | Shroud, Condenser Air Cooled<br>Shroud, Condenser Top Condenser<br>Shroud, Condenser 50 HZ Top Condenser                     |
| 81       | 186154000                                   | Screw, SE8-36 PHPH 12                                                                                                        |
| 82       | 320539000                                   | Washer, FT 0.191 ID                                                                                                          |
| 83       | 120227000                                   | Washer, Block 0.194 ID                                                                                                       |
| 84       | 186770000                                   | Screw, Machine 10-24 RDPH 20                                                                                                 |
| 85       | 309316000<br>560004264<br>560003636         | Motor, Fan 35 W 240/60 1550 RPM<br>Motor, Fan 50 W 230/50 1400 RPM<br>Motor, Fan 35W 240/60HZ 1550 RPM                       |
| 86       | 2944<br>560004334                           | Bracket, Motor Fan<br>Bracket, Motor Fan 50sixHZ Top Cond                                                                    |
| 87       | 187394000                                   | Cushion, Fan Mount                                                                                                           |
| 88       | 321484000                                   | Grommet                                                                                                                      |
| 89       | 326073012                                   | Lead, Thermostat Sensor                                                                                                      |
| 90       | 319739000                                   | Transformer, 230V 50/60HZ-24V 50VA                                                                                           |
| 91       | 0666                                        | Condenser Coil Water Assembly                                                                                                |
| 92       | 560003002                                   | Bracket Condenser Water Cool                                                                                                 |
| 93       | 560003003                                   | Shield, Wire Bracket Water                                                                                                   |
| 94       |                                             | Secondary CO2 Regulator Components (See Figure 2)                                                                            |
| 95       |                                             | Control Box Components (See Figure 3)                                                                                        |
| 96       |                                             | Blender & Tubing Components (See Figure 7)                                                                                   |
| 97       |                                             | Control Box & Display Panel Components(See Figure 16)                                                                        |
| 98       |                                             | Carbonator Components (See setFigure 19)                                                                                     |

## SECONDARY CO2 REGULATOR COMPONENTS

Table 2. Secondary CO2 Regulator Components

| Item No. | Part No.          | Name                                                                               |
|----------|-------------------|------------------------------------------------------------------------------------|
| 1        | 178025100         | Casket, 1/4 Male Flare                                                             |
| 2        | 140594000         | Tubing Vinyl 0.312 ID (Sold by the foot)                                           |
| 3        | 174061196         | Tube, Conn 0.265 ID X 96" (See Figure 5)                                           |
| 4        | 2827<br>560003991 | Tube Prod 0.250 ID X 60" (See Figure 6)<br>Tube Prod 0.250 ID X 45" (See Figure 6) |
| 5        | 176193000         | Fitting Straight 1/4 MF X 2                                                        |
| 6        | 3049              | Reg S 60 X 2 100 PSI (See Figure 4)                                                |
| 7        | 174058000         | Tubing Poly 0.156 ID Sold by the foot                                              |
| 8        | 317528000         | Fitting, T-Barb 1/8 (3)                                                            |
| 9        | 174058000         | Tubing Poly 0.156 ID Sold by the foot                                              |
| 10       | 300393000         | Fitting T-Barb 11/60 4X3/8 (2)                                                     |
| 11       | 174058000         | Tubing Poly 0.156 ID Sold by the foot                                              |
| 12       | 140594000         | Tubing Vinyl 0.312 ID Sold by the foot                                             |

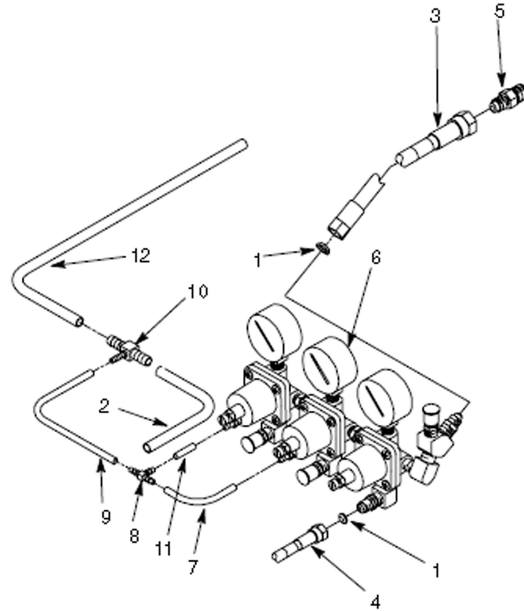


Figure 2. Secondary CO2 Regulator Components

## CONTROL BOX COMPONENTS

Table 3. Control Box Components

| Item No. | Part No.                                     | Name                                                                                                    |
|----------|----------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 1        | 319941000                                    | Screw, TR 8-32 HXWS 12                                                                                  |
| 2        | 3831                                         | Box, Control Lower                                                                                      |
| 3        | 320620000                                    | Relay, 208/240V 50/60 HZ                                                                                |
| 4        | 40285<br>560004269<br>620314019              | Relay, Start<br>Relay, Start-If Comp CS27K3E-PFZ<br>Relay, Start-If Comp CS24K6E-PFZ                    |
| 5        | 3595                                         | Strap, Capac                                                                                            |
| 6        | 560003369<br>40284<br>560004267<br>560002378 | Cap Srt 330V 50/60HZ<br>Cap Srt 220V<br>Cap Srt 330V-If Comp CS27K3E-PFZ<br>Cap Srt-If Comp CS24K6E-PFZ |
| 7        | 325518000<br>161192005<br>620314309          | Cap Srt 330V 50/60HZ<br>Cap Srt 330V<br>Cap Srt 370V 50/60HZ-If Comp<br>CS24K6E-PFZ                     |
| 8        | 325192000                                    | Bushing, Snap                                                                                           |
| 9        | 3310                                         | Cord, Jump                                                                                              |

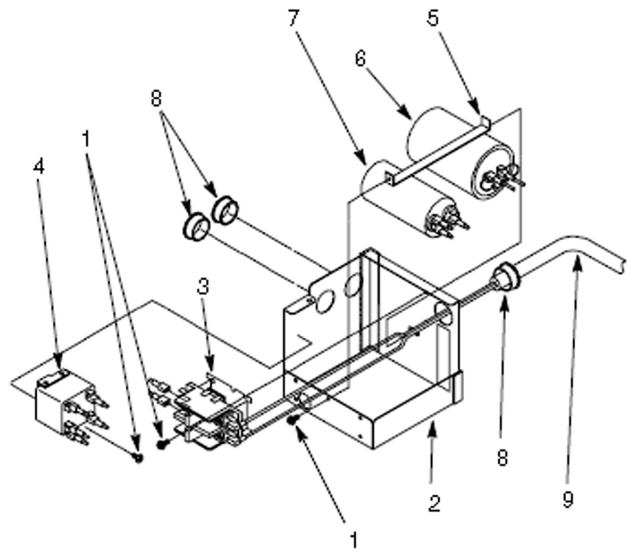


Figure 3. Control Box Components

## SECONDARY CO2 REGULATOR ASSEMBLY

Table 4. Secondary CO2 Regulator Assembly

| Item No. | Part No.  | Name                               |
|----------|-----------|------------------------------------|
|          | 3049      | Reg S 60 X 2 100 PSI               |
| 1        | 183287000 | Gauge 60 PSI                       |
| 2        | 183446016 | Reg S Sq 30 PSI Orange             |
| 3        | 183412016 | Reg S Sq 100 PSI                   |
| 4        | 183286000 | Gauge 100 PSI                      |
| 5        | 183047000 | Fitting 1/4 MPT X 2 Hevy Br        |
| 6        | 130066000 | Fitting Plug 1/4 MPT               |
| 7        | 183061000 | Fitting Straight 1/4 MPT X 7/16-20 |
| 8        | 183301100 | Valve Check W/Adapter              |
| 9        | 183068000 | Fitting L STD 1/4 NPT              |
| 10       | 324211000 | Fitting Barb 5/32 X 1 1/16 NPT     |
| 11       | 183045000 | Fitting Y STD 1/4 MPT X 1/4 FPT    |

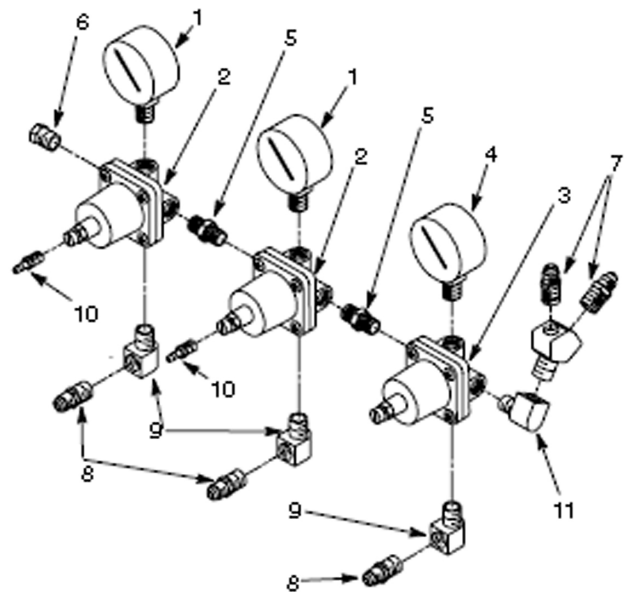


Figure 4. Secondary CO2 Regulator Assembly

## TUBE ASSEMBLY

Table 5. Tube Assembly

| Item No. | Part No.   | Name                                  |
|----------|------------|---------------------------------------|
|          | 174061196  | Tube Conn 0.265 ID X 96"              |
| 1        | 174478000  | Tubing Flex 0.265 ID Sold by the foot |
| 2        | 176000000  | Ferrule 0.500 ID                      |
| 3        | 77010400   | Fitting Nipple 1.265 ID Tube          |
| 4        | 1176017000 | Not Swivel 7/16-20                    |

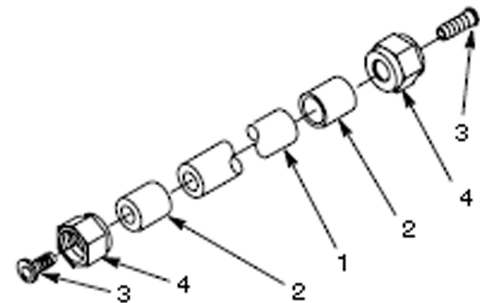


Figure 5. Tube Assembly

## TUBE ASSEMBLY

Table 6. Tube Assembly

| Item No. | Part No.                       | Name                                                                                |
|----------|--------------------------------|-------------------------------------------------------------------------------------|
|          | 2827<br>560003991<br>309379000 | Tube, Prod 0.250 ID X 60"<br>Tube, Prod 0.250 ID X 45"<br>Tube, Prod 0.250 ID X 22" |
| 1        | 174103001                      | Tube, Vinyl 0.250 ID Sold by the foot                                               |
| 2        | 176001000                      | Ferrule 0.425 ID                                                                    |
| 3        | 77010400                       | Fitting Nipple 0.265 ID Tube                                                        |
| 4        | 176017000                      | Nut, Swivel 7/16-20                                                                 |

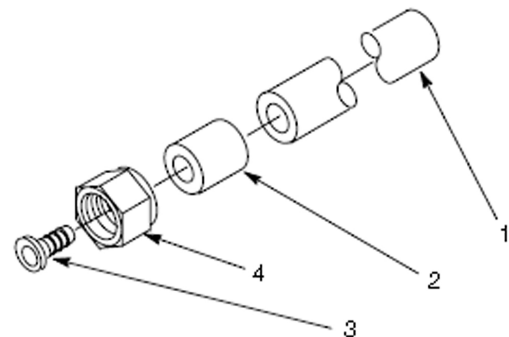


Figure 6. Tube Assembly



## BLENDER AND TUBING COMPONENTS

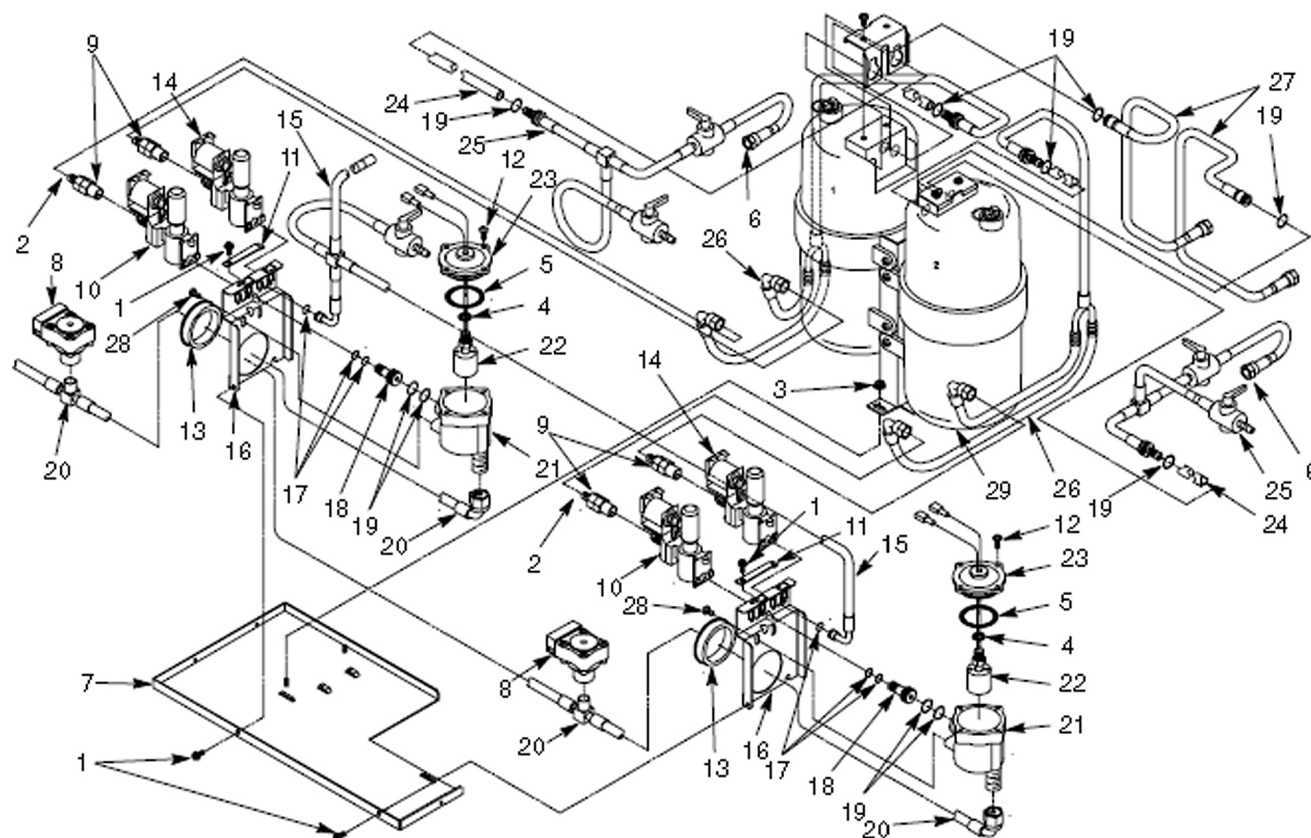


Figure 7. Blender and Tubing Components

Table 7. Blender and Tubing Components

| Item No. | Part No.          | Name                                                                                                 |
|----------|-------------------|------------------------------------------------------------------------------------------------------|
| 1        | 319941000         | Screw, TR 8-32 HXWS 12                                                                               |
| 2        | 178025100         | Gasket, 1/4 Male Flare                                                                               |
| 3        | 200498003         | Nut Nut 8-32                                                                                         |
| 4        | 315931000         | O-Ring 0.364 ID                                                                                      |
| 5        | 315925000         | O-Ring 1.60 ID                                                                                       |
| 6        | 178025200         | Gasket 5/15 Male Flare                                                                               |
| 7        | 2657              | Base Brix Mod/Blender                                                                                |
| 8        | 5081              | Switch, Soldout                                                                                      |
| 9        | 311764001         | Valve, Check Single (See Figure 13)                                                                  |
| 10       | 2487              | Valve, Solenoid Assembly Syrup (See Figure 14)                                                       |
| 11       | 2469              | Retainer Module Brix                                                                                 |
| 12       | 343487000         | Screw MA 8-32 PAPH 16                                                                                |
| 13       | 316963000         | Bushing, Snap                                                                                        |
| 14       | 2486              | Valve Solenoid Assembly, Water (See Figure 14)                                                       |
| 15       | 2780<br>560003992 | Tube Assy 4W SO Carb Water (See Figure 8)<br>Tube Assy 4W SO Carb Water Top Condenser (See Figure 8) |

Table 7. Blender and Tubing Components

| Item No. | Part No.  | Name                                             |
|----------|-----------|--------------------------------------------------|
| 16       | 2680      | Bracket, Brix Module                             |
| 17       | 317015000 | O- Ring 0.239 ID                                 |
| 18       | 2462      | Fitting Brix Module                              |
| 19       | 183008000 | O-Ring 0.489 ID                                  |
| 20       | 560000855 | Tube Assembly T Syrup (See Figure 9)             |
| 21       | 315915000 | Body Flow Switch                                 |
| 22       | 325170000 | Switch, Flow and Term                            |
| 23       | 315916000 | Cover, Switch Liquid Filter                      |
| 24       | 325576000 | Tube, Siphon                                     |
| 25       | 2781      | Tube, Assy T S0 Valve (See Figure 10)            |
| 26       | 2779      | Tube Assembly Y Blender/Solenoid (See Figure 11) |
| 27       | 326098000 | Tube Conn 0.250 ID X 48" (See Figure 12)         |
| 28       | 186150000 | Screw, MA 8-32 PAPH 12                           |
| 29       |           | Blender Components (See Figure 15)               |

## TUBING ASSEMBLY (CARB WATER)

Table 8. Tubing Assembly (Carb Water)

| Item No. | Part No.          | Name                                                                                |
|----------|-------------------|-------------------------------------------------------------------------------------|
|          | 2780<br>560003992 | Tube Assembly 4W SO Carb Water<br>Tube Assembly 4W SO Carb Water<br>(Top Condenser) |
| 1        | 77060200          | Fitting C-Barb 1/4 (4)                                                              |
| 2        | 77050100          | Fitting Valve Dole 1/4 Brb L                                                        |
| 3        | 325012000         | Valve, Shut-Off 1/4 Barb                                                            |
| 4        | 174103000         | Tubing Poly 0.250 ID Sold by the foot                                               |
| 5        | 176001000         | Ferrule 0.425 ID                                                                    |
| 6        | 174103001         | Tubing Vinyl 0.250 ID Sold by the foot                                              |

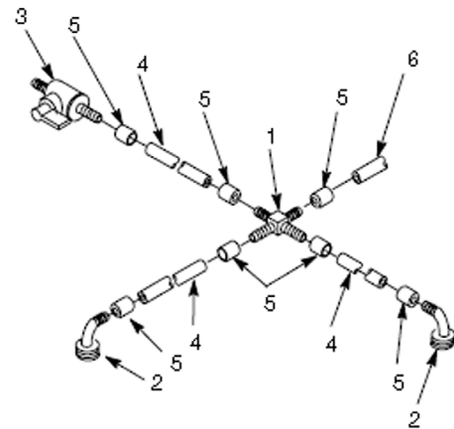


Figure 8. Tubing Assembly (Carb Water)

## TUBING ASSEMBLY (SYRUP)

Table 9. Tubing Assembly (Syrup)

| Item No. | Part No.  | Name                                  |
|----------|-----------|---------------------------------------|
|          | 560000855 | Tube Assembly T Syrup                 |
| 1        | 176017000 | Nut Swivel 7/16-20                    |
| 2        | 77010400  | Fitting Nipple 0.265 ID Tube          |
| 3        | 176000000 | Ferrule 0.500 ID                      |
| 4        | 174478000 | Tubing Flex 0.265 ID Sold by the foot |
| 5        | 5083      | Fitting T Barb 1/4 (2) X1/8 FPT       |
| 6        | 77046000  | Fitting L Swv 5/8-18 1/4 Barb         |

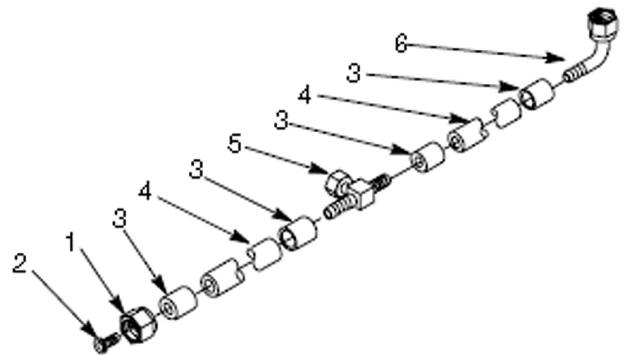


Figure 9. Tubing Assembly (Syrup)

## TUBING ASSEMBLY (BLENDER TO FREEZE CYLINDER)

Table 10. Tubing Assembly (Blunder to Freeze Cylinder)

| Item No. | Part No.  | Name                                  |
|----------|-----------|---------------------------------------|
|          | 2781      | Tube Assembly T SO Valve              |
| 1        | 174103000 | Tubing Poly 0.250 ID Sold by the foot |
| 2        | 176001000 | Ferrule 0.425 ID                      |
| 3        | 77020100  | Nut, Swivel 1/2-6                     |
| 4        | 77020400  | Fitting Nipple 0.265 ID Tube          |
| 5        | 1561      | Fitting Splicer 0.2 50X 0.312         |
| 6        | 325012000 | Valve, Shot-1/4-Barb                  |
| 7        | 77060100  | Fitting T-Barb 1/4 (3)                |

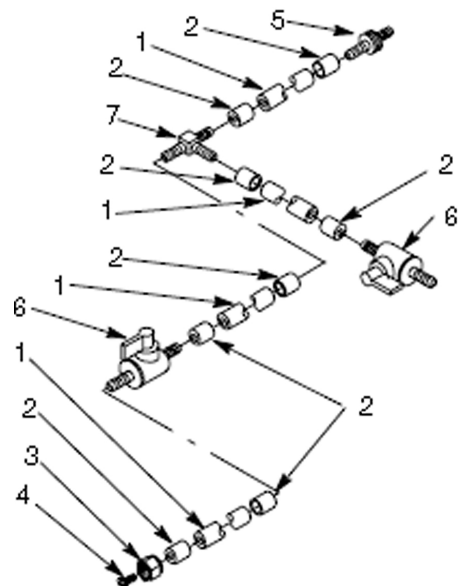


Figure 10. Tubing Assembly (Blunder to Freeze Cylinder)

## TUBING ASSEMBLY (WATER SOLENOID TO BLENDER)

Table 11. Tubing Assembly (Water Solenoid to Blender)

| Item No. | Part No.  | Name                                  |
|----------|-----------|---------------------------------------|
|          | 2779      | Tube Assembly Y Blunder/Solenoid      |
| 1        | 311742000 | Fitting Splicer 0.250X 0.312          |
| 2        | 176001000 | Ferrule 0.425 ID                      |
| 3        | 174103000 | Tubing Poly 0.250 ID Sold by the foot |
| 4        | 311908000 | Clamp                                 |
| 5        | 77900500  | Manifold, U 1/4-Barb (3)              |
| 6        | 77040100  | Fitting L Swv 1/4 FLX1/4 Barb         |

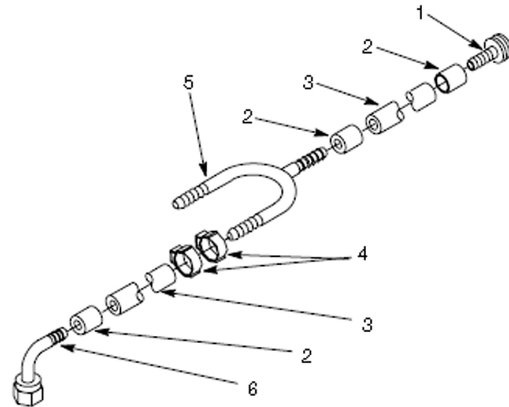


Figure 11. Tubing Assembly (Water Solenoid to Blender)

## TUBING ASSEMBLY (REGULATOR TO BLENDER)

Table 12. Tubing Assembly (Regulator to Blender)

| Item No. | Part No.  | Name                                   |
|----------|-----------|----------------------------------------|
|          | 326098000 | Tube Conn 0.250 ID X 48"               |
| 1        | 174103000 | Tubing Poly 0.250 ID Sold by the flood |
| 2        | 176001000 | Ferrule 0.425 ID                       |
| 3        | 176017000 | Nut, Swivel 7/16-20                    |
| 4        | 77010400  | Fitting Nipple 0.265 ID Tube           |
| 5        | 311741000 | Fitting Conn 1/4-Barb                  |

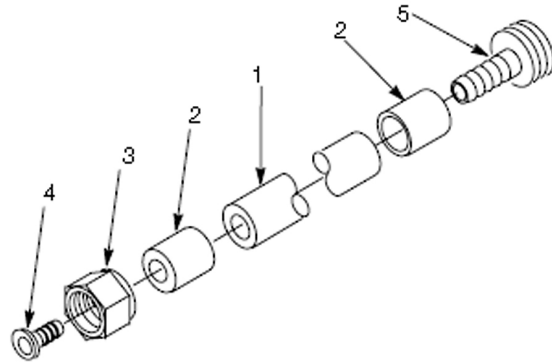


Figure 12. Tubing Assembly (Regulator to Blender)

## DOUBLE CHECK VALVE ASSEMBLY

Table 13. Double Check Valve Assembly

| Item No. | Part No..  | Name                     |
|----------|------------|--------------------------|
|          | 311764001  | Valve, Check Single      |
| 1        | 317965000  | Retainer, Check Valve    |
| 2        | 312196000  | Spring, Ball Check Valve |
| 3        | 312419000  | Ball, 0.312 Dia.         |
| 4        | 3312415000 | Washer, Flat 0.300 ID    |
| 5        | 312418000  | Quad Ring 0.239 ID       |
| 6        | 317963000  | Receptacle Check Valve   |

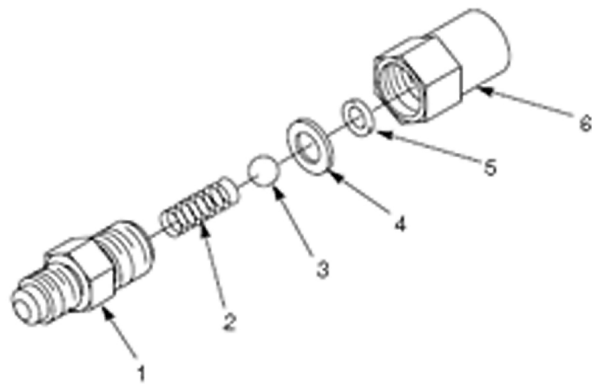


Figure 13. Double Check Valve Assembly

## SOLENOID VALVE ASSEMBLY

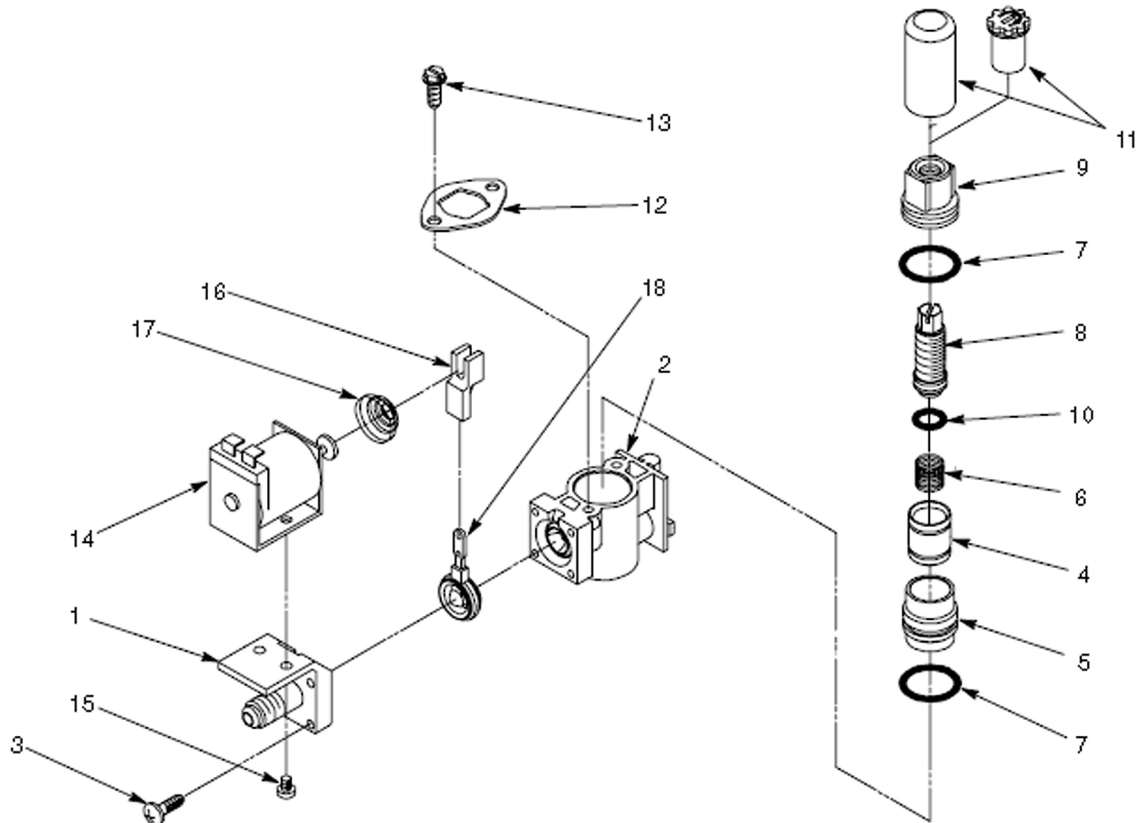


Figure 14. Solenoid Valve Assembly

Table 14. Solenoid Valve Assembly

| Item No. | Part No.               | Name                                                             |
|----------|------------------------|------------------------------------------------------------------|
|          | 2486<br>2487           | Valve, Solenoid Assembly Water<br>Valve, Solenoid Assembly Syrup |
| 1        | 2356                   | Block Valve                                                      |
| 2        | 1319                   | Body Valve                                                       |
| 3        | 0837                   | Screw, SM 06 TB PAPH 20                                          |
| 4        | 310754011<br>310480011 | Piston Water<br>Piston Syrup                                     |
| 5        | 317431011              | Cylinder, Flow Control                                           |
| 6        | 310482000              | Spring, Reg Syrup                                                |
| 7        | 317816000              | O-Ring 0.676 ID                                                  |
| 8        | 310632051              | Screw, Adj Syrup and Water Reg                                   |

Table 14. Solenoid Valve Assembly

| Item No. | Part No.               | Name                                 |
|----------|------------------------|--------------------------------------|
| 9        | 1318                   | Housing, Flow Control                |
| 10       | 180025000              | O-Ring 0.364 ID                      |
| 11       | 309992000<br>309991000 | Cap, Sleeve<br>Knob Adjusting Syrup  |
| 12       | 1545                   | Retainer, Housing Flow Control Valve |
| 13       | 1081                   | Screw, TP 8-16 16                    |
| 14       | 0024                   | Solenoid, Pull 24V                   |
| 15       | 187188000              | Screw, FC 8-32 PAPH 08               |
| 16       | 317579000              | Arm Solenoid                         |
| 17       | 318528000              | Spring, Compsn                       |
| 18       | 311355000              | Valve, Inlet                         |

## BLENDER COMPONENTS

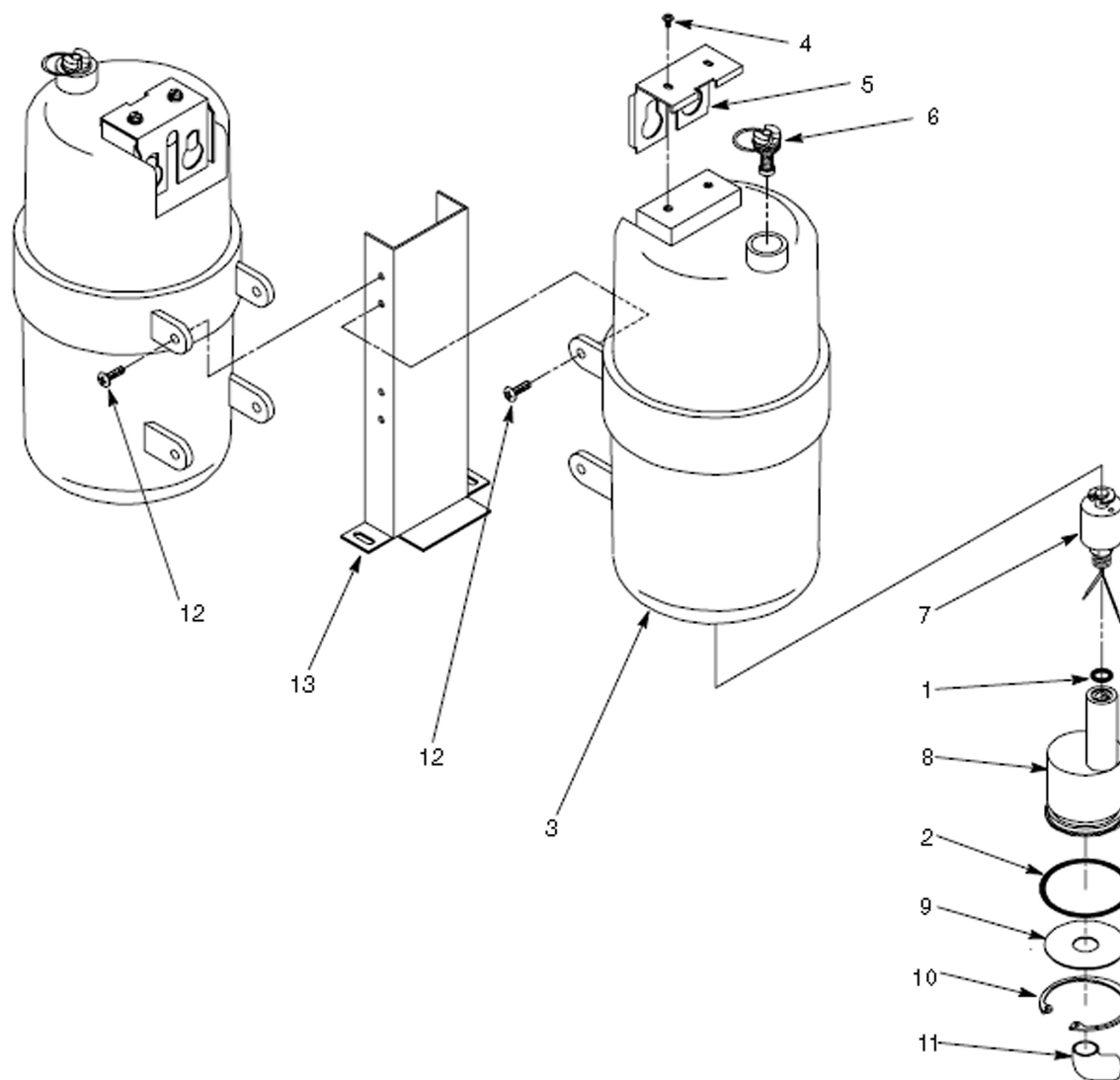


Figure 15. Blender Components

Table 15. Blender Components

| Item No. | Part No.               | Name                                           |
|----------|------------------------|------------------------------------------------|
| 1        | 315931000              | O-Ring 0.364 ID                                |
| 2        | 315925000              | O-Ring 1.60 ID                                 |
| 3        | 324194888<br>324205888 | Tank, Blender 1 Float<br>Tank, Blender 2 Float |
| 4        | 311751000              | Screw, MA 4-40 HXSL 08                         |
| 5        | 311743000              | Retainer Nip                                   |
| 6        | 326105000              | Valve, Relief 50 PSI                           |

Table 15. Blender Components

| Item No. | Part No.  | Name                   |
|----------|-----------|------------------------|
| 7        | 325288000 | Switch, Float Assembly |
| 8        | 324048000 | Holder, Float Switch   |
| 9        | 324116000 | Washer, Flat 0.625 ID  |
| 10       | 324115000 | Retainer, Ring         |
| 11       | 186570000 | Strain Relief          |
| 12       | 188206000 | Screw, TR-24 TRPH 24   |
| 13       | 2625      | Support Blender        |

## CONTROL BOX & DISPLAY PANEL COMPONENTS

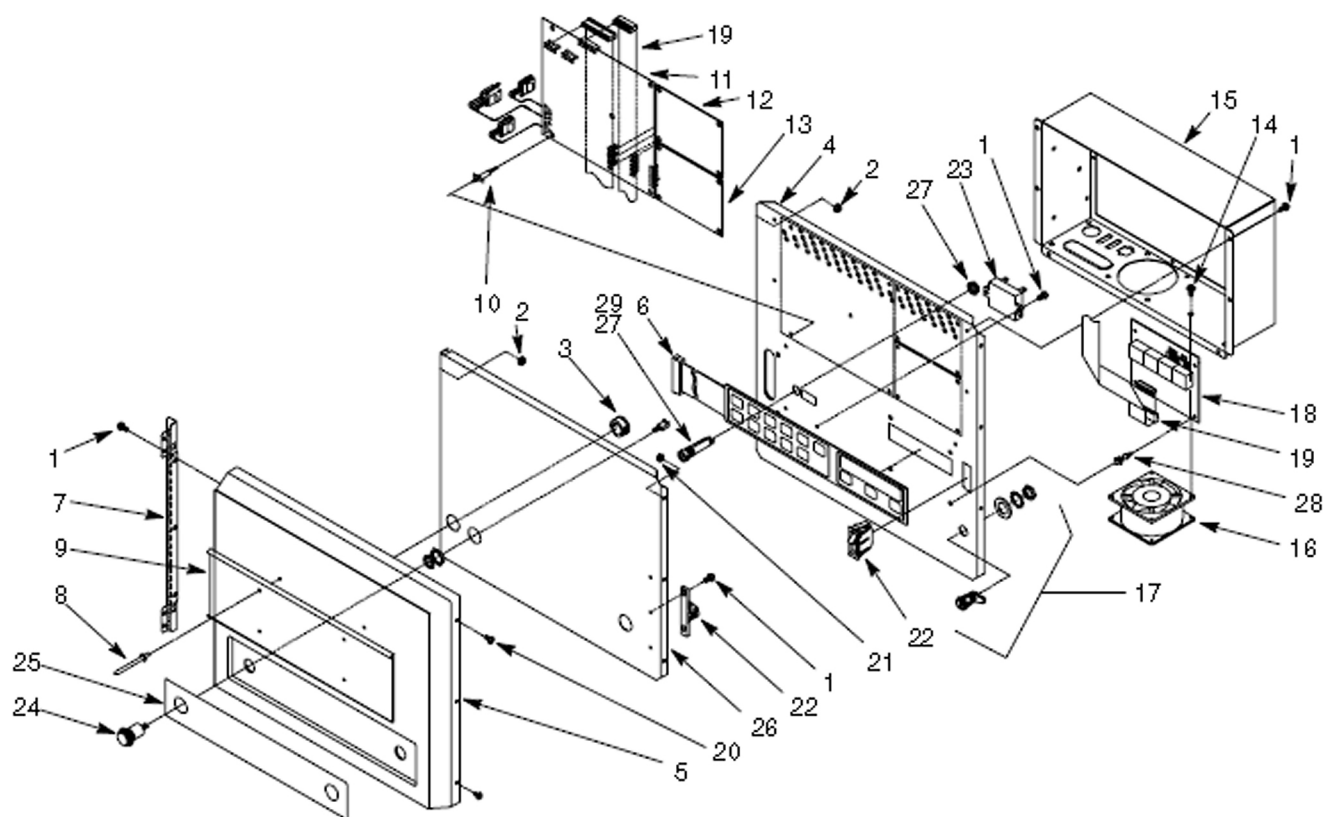


Figure 16. Control Box & Display Panel Components

Table 16. Control Box & Display Panel Components

| Item No. | Part No.          | Name                           |
|----------|-------------------|--------------------------------|
| 1        | 319941000         | Screw, TR 8-32 HXWS 12         |
| 2        | 200498003         | Nut, Hex 8-32                  |
| 3        | 320389000         | Pushing, Snap 0.875 Dia.       |
| 4        | 2704              | Panel, Back Display            |
| 5        | 560000931         | Cover, Switch Lens             |
| 6        | 4712<br>325962040 | Switch, Touch<br>Switch, Touch |
| 7        | 560001794         | Hinge, Display                 |
| 8        | 189955000         | Rivet                          |
| 9        | 325981069         | Holder, Flavor Tab             |
| 10       | 325925000         | Support, PC Board              |
| 11       | 324136001         | Board, Circuit                 |
| 12       | 326077000         | Board, Circuit Motor 2         |
| 13       | 326076000         | Board, Circuit Motor 1         |
| 14       | 312251000         | Screw, TR 10-24 PAPH 12        |
| 15       | 2651              | Box, Control Upper             |

Table 16. Control Box & Display Panel Components

| Item No. | Part No.               | Name                                                      |
|----------|------------------------|-----------------------------------------------------------|
| 16       | 0150                   | Fan Cage 230V 9W                                          |
| 17       | 2895                   | Latch, Door                                               |
| 18       | 32607800               | Board, Circuit                                            |
| 19       | 326079000              | Cable, Ribbon                                             |
| 20       | 320271000              | Screw, TC 6-32 PAPH 12                                    |
| 21       | 330181000              | Nut, Hex 6-32                                             |
| 22       | 560001783              | Latch, Door                                               |
| 23       | 560001278<br>560005079 | Relay, SPST 10A 125V 60HZ<br>Relay, SPST 10A 240V 50/60HZ |
| 24       | 560000932              | LED, Light Indicator                                      |
| 25       | 560000933              | Label, Warning                                            |
| 26       | 560000934              | Panel, Door                                               |
| 27       | 560001282              | Holder, Use Panel                                         |
| 28       | 560001784              | Support, PC Board                                         |
| 29       | 560001808<br>60093001  | Fuse, 75A<br>Fuse, 2A                                     |

## FACEPLATE ASSEMBLY

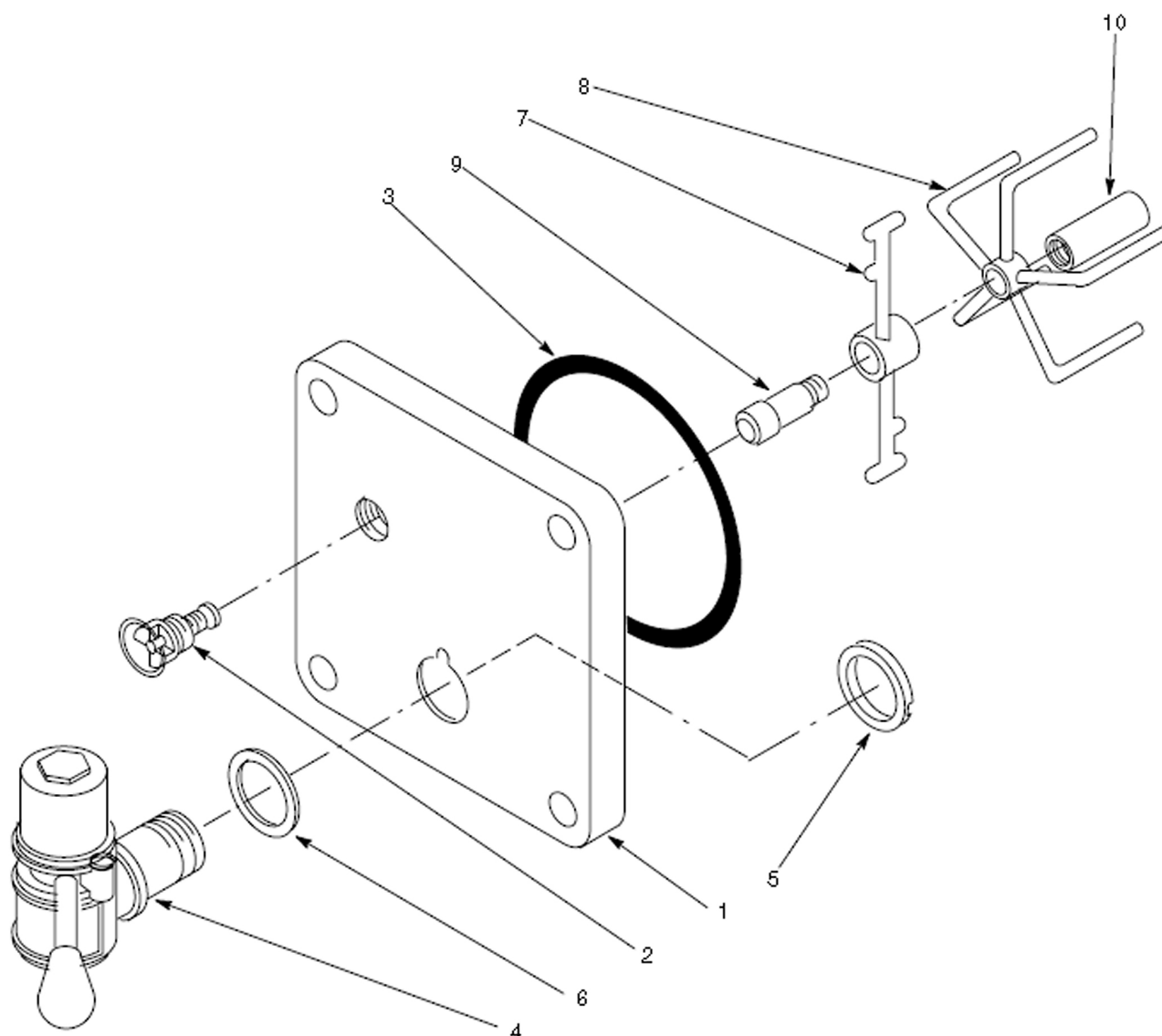


Figure 17. Faceplate Assembly

Table 17. Faceplate Assembly

| Item No. | Part No.                       | Name                                                                       |
|----------|--------------------------------|----------------------------------------------------------------------------|
|          | 326106000<br>560004156         | Door, Freeze Cylinder Assy<br>Door, Freeze Cylinder Assy Lancer            |
| 1        | 325918000<br>560004155         | Door, Freeze Cylinder<br>Door, Freeze Cylinder Lancer                      |
| 2        | 325954000                      | Stem, Assembly R-Val                                                       |
| 3        | 320678000                      | O-Ring 4.60 ID                                                             |
| 4        | 1557<br>620607712<br>560003974 | Valve, Disp Assy (See Figure 18)<br>Valve, Disp Delta<br>Valve, Lancer DDV |

Table 17. Faceplate Assembly

| Item No. | Part No.               | Name                                |
|----------|------------------------|-------------------------------------|
| 5        | 321652000<br>560004161 | Nut, Shank<br>Ring, Retainer Lancer |
| 6        | 325936000<br>560004154 | Spacer, Val<br>Adapter Lancer       |
| 7        | 321269001              | Spinner Freeze Cylinder             |
| 8        | 322441000              | Sensor Visc Mld                     |
| 9        | 2361                   | Shaft Pivot Faceplate               |
| 10       | 2358                   | Pin Beater Bar                      |
| 11       | 321653000              | O-Ring 0.862 ID (Not Shown)         |

## DISPENSING VALVE ASSEMBLY

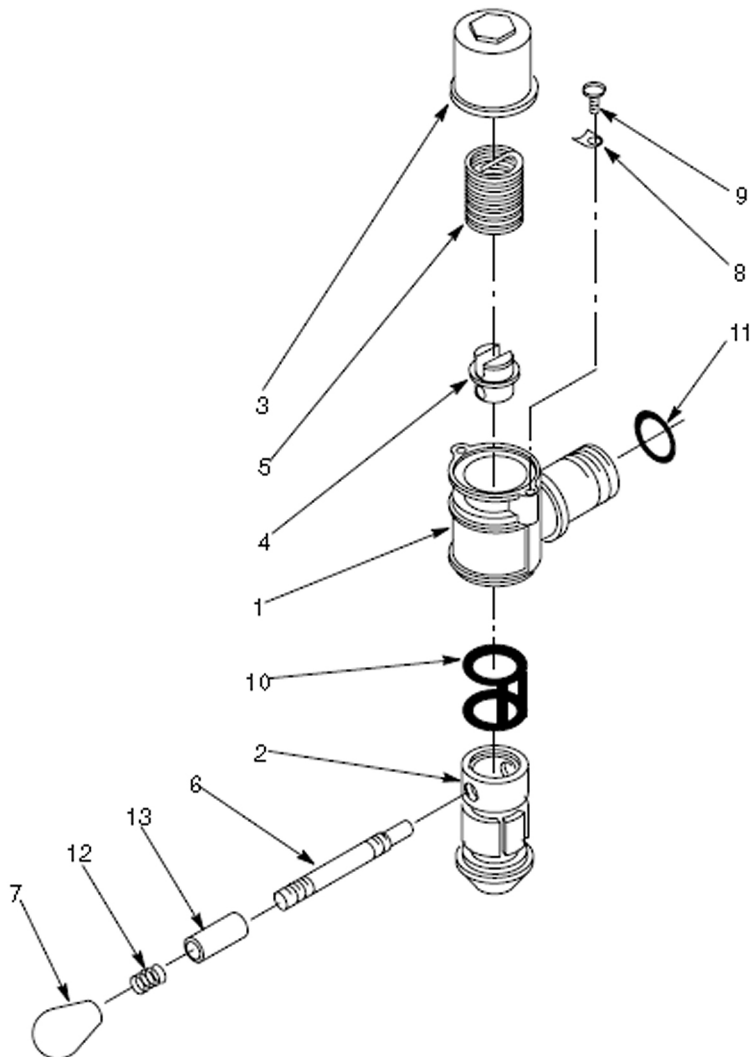


Figure 18. Dispensing Valve Assembly

Table 18. Dispensing Valve Assembly

| Item No. | Part No.  | Name                     |
|----------|-----------|--------------------------|
|          | 1557      | Valve Dispenser Assembly |
| 1        | 1556      | Body, Valve W/Stop       |
| 2        | 1554      | Body, Valve Ribbed       |
| 3        | 1576      | Housing Spring           |
| 4        | 1575      | Retainer Spring Valve    |
| 5        | 325305000 | Spring, Torsion          |
| 6        | 321651000 | Lever, Valve             |

Table 18. Dispensing Valve Assembly

| Item No. | Part No.  | Name                   |
|----------|-----------|------------------------|
| 7        | 1555      | Knob                   |
| 8        | 325647000 | Plate Valve            |
| 9        | 317784000 | Screw, TC 8-18 TRPH 16 |
| 10       | 2818      | O-Ring Caged           |
| 11       | 321653000 | O-Ring 0.862 ID        |
| 12       | 1544      | Spring, Compression    |
| 13       | 1543      | Tube Release           |



## CARBONATOR COMPONENTS

Table 19. Carbonator Components

| Item No. | Part No.               | Name                                                                                |
|----------|------------------------|-------------------------------------------------------------------------------------|
| 1        | 2682                   | Bracket, Motor Pump Carbonator                                                      |
| 2        | 320767000              | Screw, SCE 10-24 PAPH 12                                                            |
| 3        | 560004335              | Clamp                                                                               |
| 4        | 318035000<br>326136088 | Tank & Linkage Carb (See Figure 22)<br>Tank & Linkage Carb Top Cond (See Figure 22) |
| 5        | 3159                   | Switch, Press Water 8-30 PSI                                                        |
| 6        | 2833                   | Pump & Motor Assembly 60HZ (See Figure 23)                                          |
| 7        | 318976000              | Bolt, MA 1/4-20 HXSL 16                                                             |
| 8        | 311855000              | Nut, J-Nut 1/4-20                                                                   |
| 9        | 317974000              | Deflector Water Relief Valve                                                        |
| 10       | 309379000              | Tube Prod 0.250 ID X 22"                                                            |

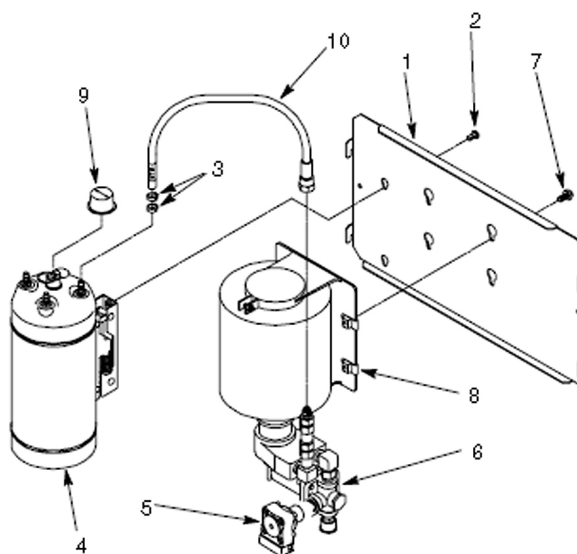


Figure 19. Carbonator Components

## TUBING ASSEMBLY

Table 20. Tubing Assembly

| Item No. | Part No.  | Name                                  |
|----------|-----------|---------------------------------------|
|          | 176272396 | Tube Conn 0.375 ID X 96"              |
| 1        | 174292000 | Tubing Flex 0.375 ID Sold by the foot |
| 2        | 176204000 | Ferrule 0.640 ID                      |
| 3        | 176205000 | Fitting Nipple 0.375 ID Tube          |
| 4        | 311242000 | Nut, Swivel 5/8-18                    |

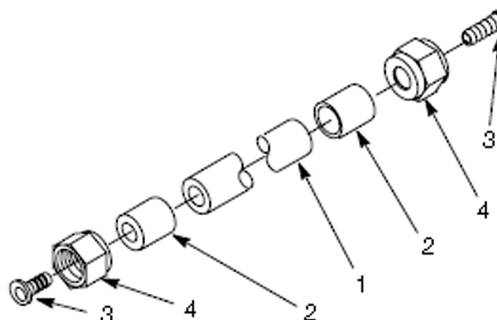


Figure 20. Tubing Assembly

## DRIP TRAY DRAIN KIT

Table 21. Drip Tray Drain Kit

| Item No. | Part No.  | Name                |
|----------|-----------|---------------------|
|          | 326002000 | Kit Drain Drip Tray |
| 1        | 170423000 | Nut, Hex 5/8-32     |
| 2        | 151281000 | Washer, SR 0.640 ID |

Table 21. Drip Tray Drain Kit

| Item No. | Part No.  | Name                                   |
|----------|-----------|----------------------------------------|
| 3        | 140133000 | Clamp, Hose                            |
| 4        | 170413000 | Fitting, Drain                         |
| 5        | 174150001 | Tubing Vinyl 0.625 ID Sold by the foot |
| 6        | 3129      | Fitting Set                            |

## CARBONATOR TANK AND LINKAGE ASSEMBLY

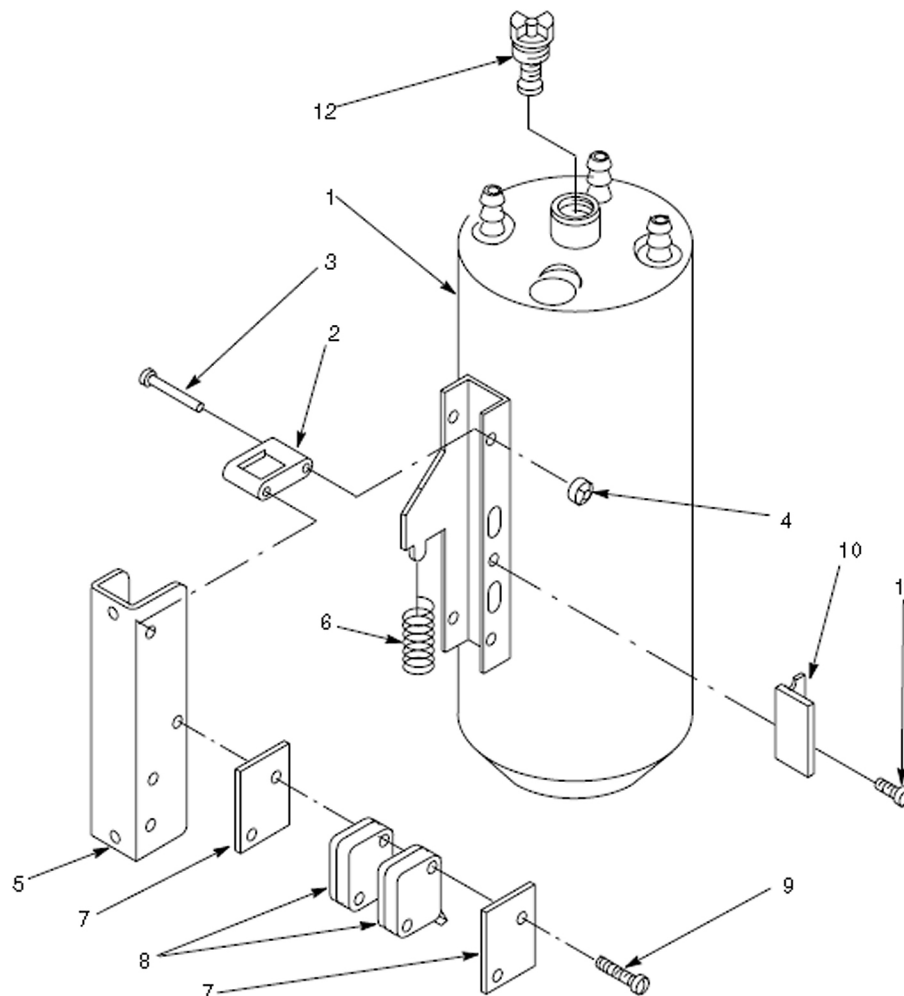


Figure 21. Carbonator Tank and Linkage Assembly

Table 22. Carbonator Tank and Linkage Assembly

| Item No. | Part No.               | Name                                                |
|----------|------------------------|-----------------------------------------------------|
|          | 318035000<br>326136088 | Tank & Linkage Carb<br>Tank & Linkage Carb Top Cond |
| 1        | 318034000<br>326135000 | Tank Carb<br>Tank Carb Top Cond                     |
| 2        | 317746000              | Link Balance Carb                                   |
| 3        | 317772000              | Pin Link                                            |
| 4        | 318036000              | Nut, Push 0.125 Stud                                |
| 5        | 317747000              | Bracket, Tank                                       |

Table 22. Carbonator Tank and Linkage Assembly

| Item No. | Part No.  | Name                        |
|----------|-----------|-----------------------------|
| 6        | 317752000 | Spring, Carbonator Balanced |
| 7        | 318037000 | Installation, Switch Micro  |
| 8        | 317771000 | Switch, Level Control       |
| 9        | 315961000 | Screw, MA 4-40 PAPH 36      |
| 10       | 318123000 | Bracket, Switch Actuator    |
| 11       | 342663000 | Screw, TC 8-32 PAPH 12      |
| 12       | 318362000 | Stem Assembly R-Val         |

## PUMP AND MOTOR ASSEMBLY

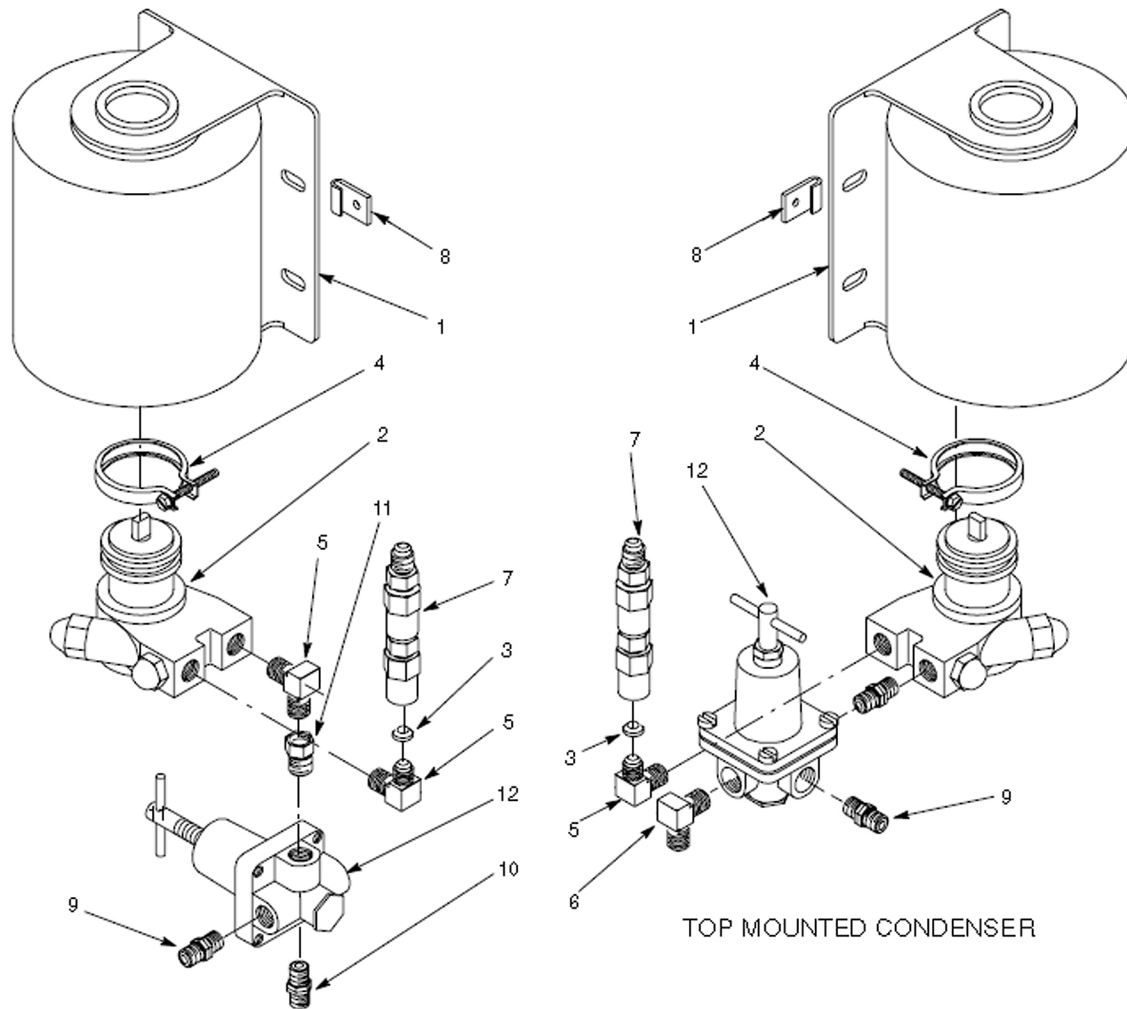


Figure 22. Pump and Motor Assembly

Table 23. Pump and Motor Assembly

| Item No. | Part No.   | Name                                  |
|----------|------------|---------------------------------------|
|          | 2833       | Pump and Motor Assembly               |
| 1        | 320626000  | Motor, Pump 1/4 2305/6 1725 RPM       |
| 2        | 312996000  | Pump, Water 100 GPH                   |
| 3        | 1178025100 | Gaskets, 1/4 Male Flare               |
| 4        | 187483000  | Clamp, Pump and Motor                 |
| 5        | 1151       | Fitting L STD 3/8 NPT                 |
| 6        | 311738000  | Fitting L STD 1/4MPT X 3/8MF Top Cond |

Table 23. Pump and Motor Assembly

| Item No. | Part No.               | Name                                                   |
|----------|------------------------|--------------------------------------------------------|
| 7        | 311765001              | Valve, Check Dual (See Figure 13)                      |
| 8        | 311855000<br>560003353 | Nut, J-Nut 1/4-20 ST<br>Nut, J-Nut 1/4-20 PAL Top Cond |
| 9        | 183047000              | Fitting, Straight 1/4 MPT X (2) Hevy                   |
| 10       | 312062000              | Fitting, Straight 1/4 MPT X3/8 MF                      |
| 11       | 1187484000             | Fitting, Straight 1/4 MPT X3/8 MPT                     |
| 12       | 0784                   | Reg Press Water 300 PSI                                |

## BEATER MOTOR DRIVE SHAFT/SEAL ASSEMBLY

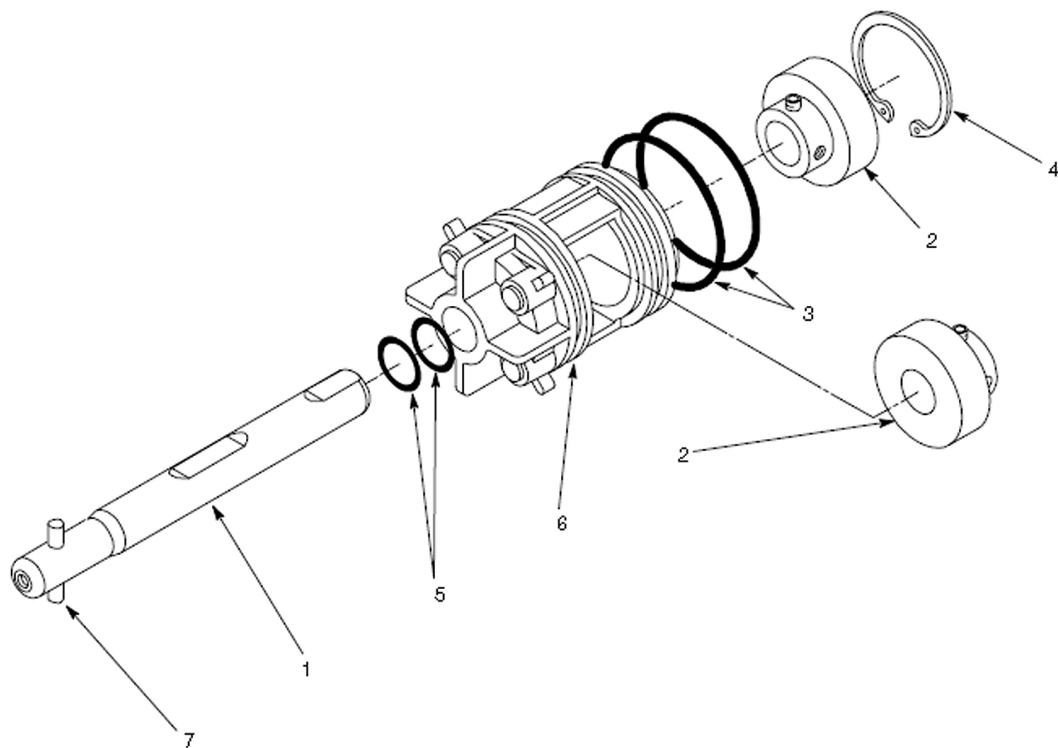


Figure 23. Beater Motor Drive Shaft/Seal Assembly

Table 24. Beater Motor Drive Shaft/Seal Assembly

| Item No. | Part No. | Name                     |
|----------|----------|--------------------------|
|          | 3193     | Shaft Assembly Rear Seal |
| 1        | 3156     | Shaft, Drive             |
| 2        | 2463     | Bearing, Shaft           |
| 3        | 2360     | O-Ring 1.86 ID           |

Table 24. Beater Motor Drive Shaft/Seal Assembly

| Item No. | Part No. | Name            |
|----------|----------|-----------------|
| 4        | 2583     | Retainer Ring   |
| 5        | 2731     | O-Ring 0.671 ID |
| 6        | 2591     | Housing         |
| 7        | 3232     | Pin, Drive      |





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