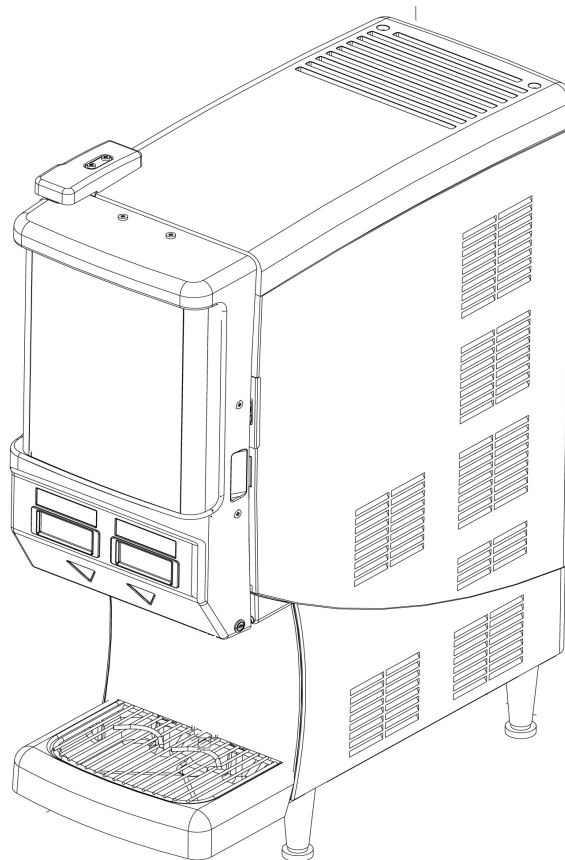




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## QUEST ELITE 2 FLAVOR (2FL)

### ILLUSTRATED PARTS LIST



Release Date: December 7, 2022

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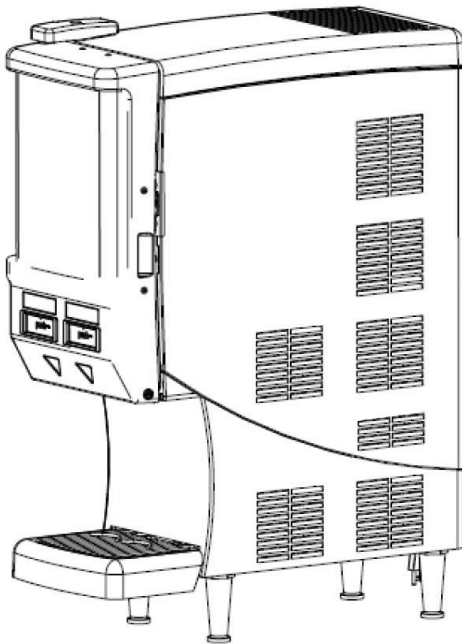
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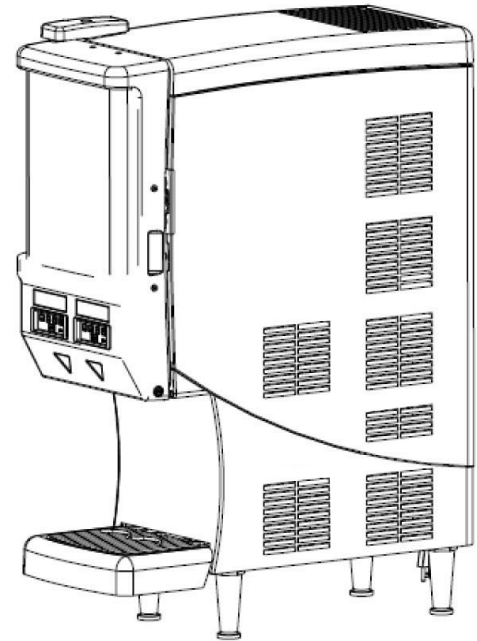
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## QUEST ELITE UNITS



**Unit with Pushbuttons**



**Unit with Portion Control**

Figure 1.

**Table 1. Top Quest Assembly**

| Part No.     | Description                                            |
|--------------|--------------------------------------------------------|
| 721Q12101DO  | QST R290, SLJ FLUSH, 2FL, 120/60, PB ILLUMINATED DOLE. |
| 721Q25312K02 | QSTE QLT 2FL 230/50 PC ILLUMINATED ME                  |
| 721Q24312K02 | QSTE QLT 2FL 220/60 PC ILLUMINATED                     |
| 721Q02101FN2 | QSTE R290 SLJ NON FLUSH 2FL 115/60                     |
| 721Q12101SW1 | QSTE R290 SLJ FLUSH 2FL 115/60 P, B ILLUM SPEEDWAY     |
| 721Q02101JU2 | QSTE R290 SLJ NON FLUSH 2FL PB ILLUMINATED             |
| 721Q12111JU1 | QSTE R290 SLJ FLUSH 2 FL 115/60 PC ILLUMINATED         |
| 721Q25111JU1 | QSTE SLJ FLUSH 2FL 230/50 PB ILLUMINATED               |
| 721Q25112JU1 | QSTE SLJ FLUSH 2FL 230/50 PC ILLUMINATED               |
| 721Q25312JU1 | QSTE QLT 2FL 230/50 PC ILLUMINATED                     |

## FINAL ASSEMBLY

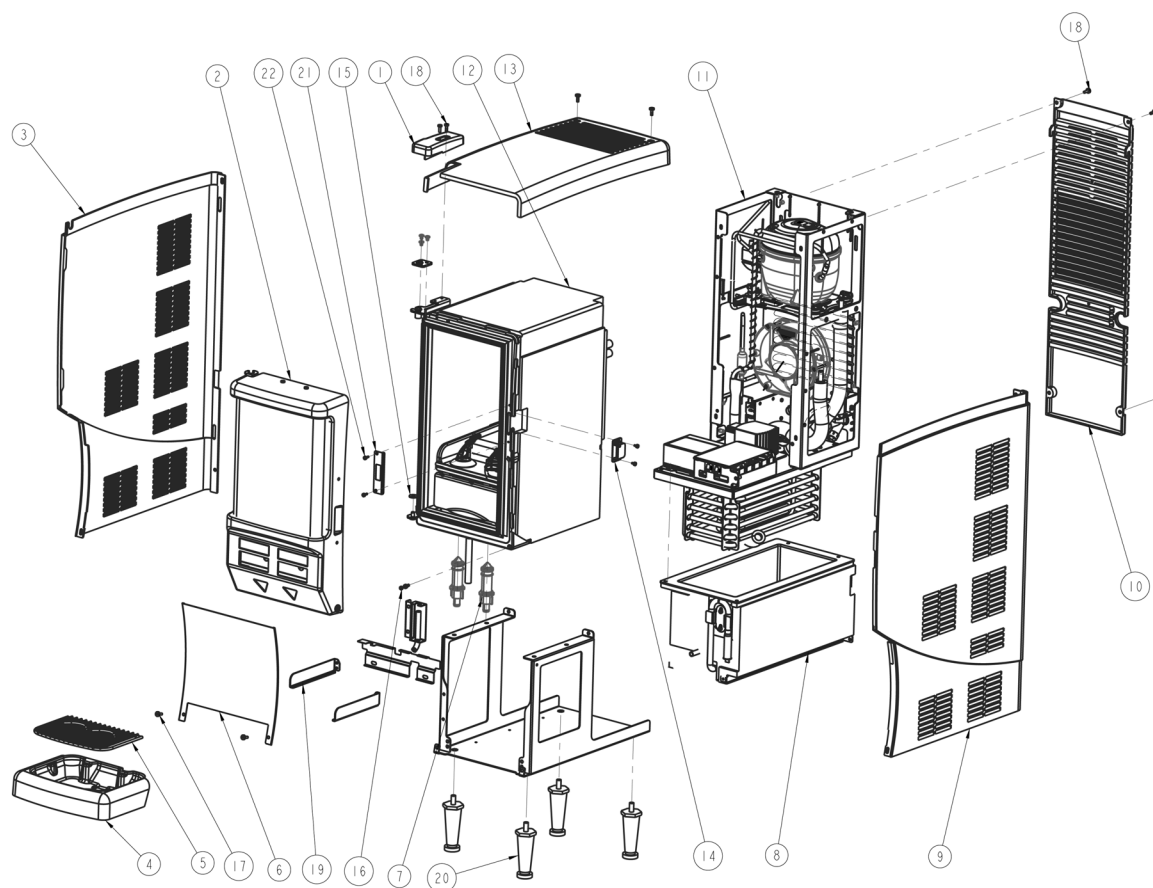


Figure 2.

Table 2. Final Assembly

| Item | Part No.  | Description                                  |
|------|-----------|----------------------------------------------|
| 1    | 620047969 | Hinge Top Cover, Quest Elite 2/4 FL          |
| 2    | 620067858 | Merchandsr Asy QST2 2FL FNG                  |
|      | 620047744 | Merchndsr Assy Qst2 2FL                      |
| 3    | 620054876 | Side Panel LH. Quest Elite 2/4 FL            |
| 4    | 620049855 | Drip Tray, Black W/Texture, Quest Elite 2 FL |
| 5    | 620708562 | Cup Rest W/LOC Quest 2 STND 8.1 X            |
| 6    | 620048648 | Splash Panel Guard, Quest Elite 2 FL         |
| 7    | 620715835 | Nozzle Static Mixer ASMB                     |
| 8    | 620049092 | Tank Foamed Qste Finish 2FL                  |
| 9    | 620054875 | Side Panel RH. Quest Elite 2/4 FL            |
| 10   | 620050923 | Rear Panel, Quest 2 FL                       |

Table 2. Final Assembly

| Item | Part No.  | Description                          |
|------|-----------|--------------------------------------|
| 13   | 620048898 | Top Panel W/Cut, QST Elite 2 FL      |
| 14   | 720704004 | Door Catch, Female 2FL / 4FL         |
| 15   | 620049566 | Washer- Hinge Bottom QST Elite 2/4FL |
| 16   | 620047782 | Pin Latch Cabinet Qst2 2FL/4FL       |
| 17   | 0704105   | Screw MA #8-32 TRPH 16 SS            |
| 18   | 70178     | Screw MA #8-32 TRPH 16 SS            |
| 19   | 620047429 | Brkt, Drip Tray, Right, QST 2/4 FL   |
|      | 620047428 | Brkt, Drip Tray, Left, QST 2/4 FL    |
| 20   | 37958     | Leg Level 4"                         |
| 21   | 720201440 | Brkt, Catch Strike Plate QST-NT      |
| 22   | 720701405 | Screw TB D6-18 PAPH 12 SS            |

## DOOR ASSEMBLY REFERENCE (PUSHBUTTON & PORTION CONTROL)

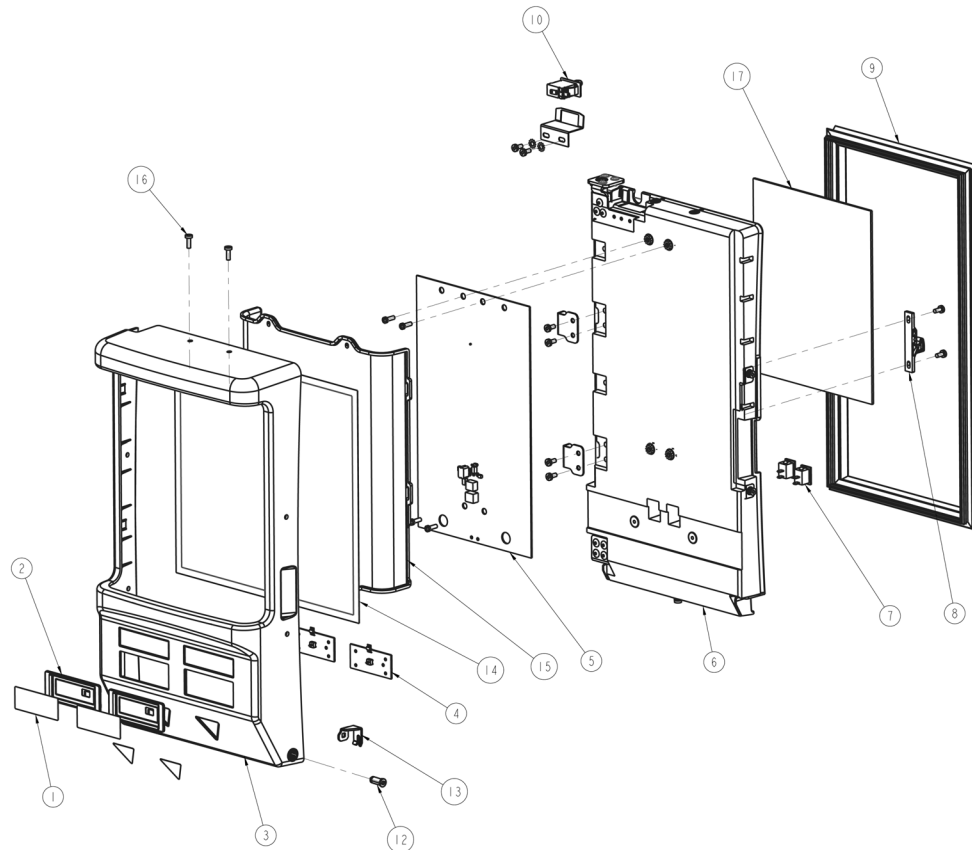


Figure 3.

Table 3. Door Assembly

| Item | Part No.      | Description                                              |
|------|---------------|----------------------------------------------------------|
| 1    | 620047753     | Overlay Assembly, Pushbutton Control, Quest              |
|      | 620047750     | Overlay Assembly, Portion Control, Quest Elite, 2/4      |
| 2    | 620047751     | Bezel, Pushbutton, Silver, Quest Elite, 2/4 FL           |
|      | 620047968     | Bezel, Portion Control, Silver, QSTE, 2/4FL              |
| 3    | 620047745     | Merchandiser, Quest Elite, 2FL                           |
|      | 620067857     | Merchndsr QUEST ELITE 2FL LV                             |
| 4    | 45018001      | Board Pushbutton SLJ                                     |
|      | 49280001      | Board Portion Control SLJ                                |
| 5    | 620047679-100 | LED Quest PCBA Backlight Family                          |
| 6    | 620047754     | Assembly, Door Foamed, Quest Elite, 2FL                  |
| 7    | 620051427     | Switch Rocker Unmarkedv Qste 2/4FL                       |
| 8    | 720704005     | Latch Door Male                                          |
| 9    | 620047759     | Seal, Door, Quest Elite, 2FL                             |
| 10   | 740002199     | Switch Cutout 10A MOM F6900A0                            |
| 11   | 620049097     | Label Triangle Nozzle Indicator Mirror Finish QST2 2/4FL |
| 12   | 620047747     | Kit, Lock & Key Door Quest Elite 2FL/4FL                 |

Table 3. Door Assembly

| Item | Part No.  | Description                                                |
|------|-----------|------------------------------------------------------------|
| 13   | 620047748 | Latch Mounting Lock                                        |
| 14   | 620067962 | Lens Merchndsr QST2 2FL FNG                                |
|      | 620047761 | Graphic, Generic, Quest Elite, 2FL                         |
| 15   | 620047760 | Lens, Quest Elite, 2FL                                     |
| 16   | 70747     | Screw MA 8-32 TRPH 12 SS                                   |
| 17   | 620052150 | Label Daily Flush & Cleaning Quest Elite Qlt               |
|      | 620052151 | Label Daily Flush & Cleaning SLJ Flush                     |
|      | 620052153 | Label Daily Cleaning Qste Non Flush                        |
| *    | 629097007 | Kit 1, Flavor Strip Quest Elite, 2/4FL (Not shown)         |
|      | 629097008 | Kit 2, Flavor Strip Quest Elite, 2/4FL (Not shown)         |
| *    | 729011218 | Kit, Conversion PB to PC, QSTE 2FL(Not Shown)              |
|      | 729011219 | Kit, Conversion PC to PB, QSTE 2FL (Not Shown)             |
| *    | 620050925 | Label Rocker Switch Details, Qste,230v, 2/4fL (Not Shown)  |
| *    | 620066441 | Handle, Pull Pocket (used on FN2 Models only). (Not Shown) |

## CABINET ASSEMBLY REFERENCE

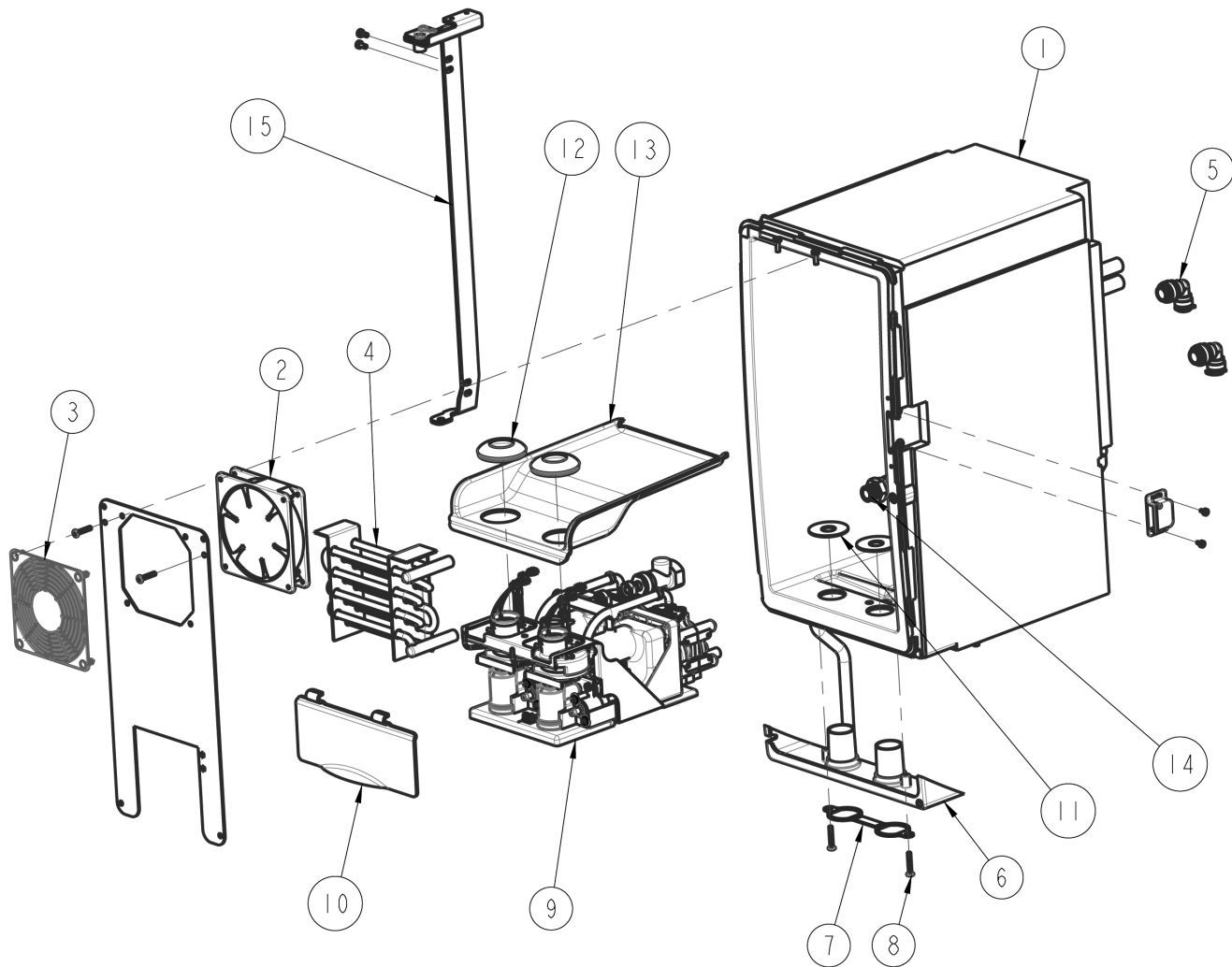


Figure 4.

Table 4. Cabinet Assembly

| Item | Part No.  | Description                               |
|------|-----------|-------------------------------------------|
| 1    | 620049842 | Cabinet Assy QST Elite 2FL Modified Drain |
| 2    | 620073748 | Fan Motor, Cabinet 115V/60HZ              |
|      | 620073749 | Fan Motor, Cabinet 230V/50HZ              |
| 3    | 620047512 | Guard, Fan EBM 9000 & 4000                |
| 4    | 720506202 | Cabinet Heat Exchanger, Quest Elite, 2FL  |
| 5    | 720509206 | Fitting Push, Union Elbow, 3/8"X 1/2" LG  |
| 6    | 620047970 | Trim Bottom W/Insert, Quest Elite, 2FL    |
| 7    | 720201479 | Bracket Dual Nozzle Block Quest           |
| 8    | 07040007  | Screw Machine, #8-32 PAPH 28SS            |

Table 4. Cabinet Assembly

| Item | Part No.   | Description                          |
|------|------------|--------------------------------------|
| 9    | 720401801X | Platform Assembly, Quest 4 SLJ Flush |
|      | 620073301  | Platform Assembly SLJ Flush          |
|      | 620073691  | Platform Assy, NO SOLD OUT, QR290    |
| 10   | 720532102  | Platform Door, Quest 2FL             |
| 11   | S3354      | Gasket Sealing Bowl Spout            |
| 12   | 720703301  | Grommet, Seal Platform Cover Quest   |
| 13   | 720201510  | Shelf, Cabinet, Quest 2FL            |
| 14   | 720200206  | Fitg Insrt 3/8"NPT PP                |
| 15   | 620047775  | Brkt Hinge QST2 2FL/4FL              |

# REFRIGERATION FRAME ASSEMBLY

P/N 620072345

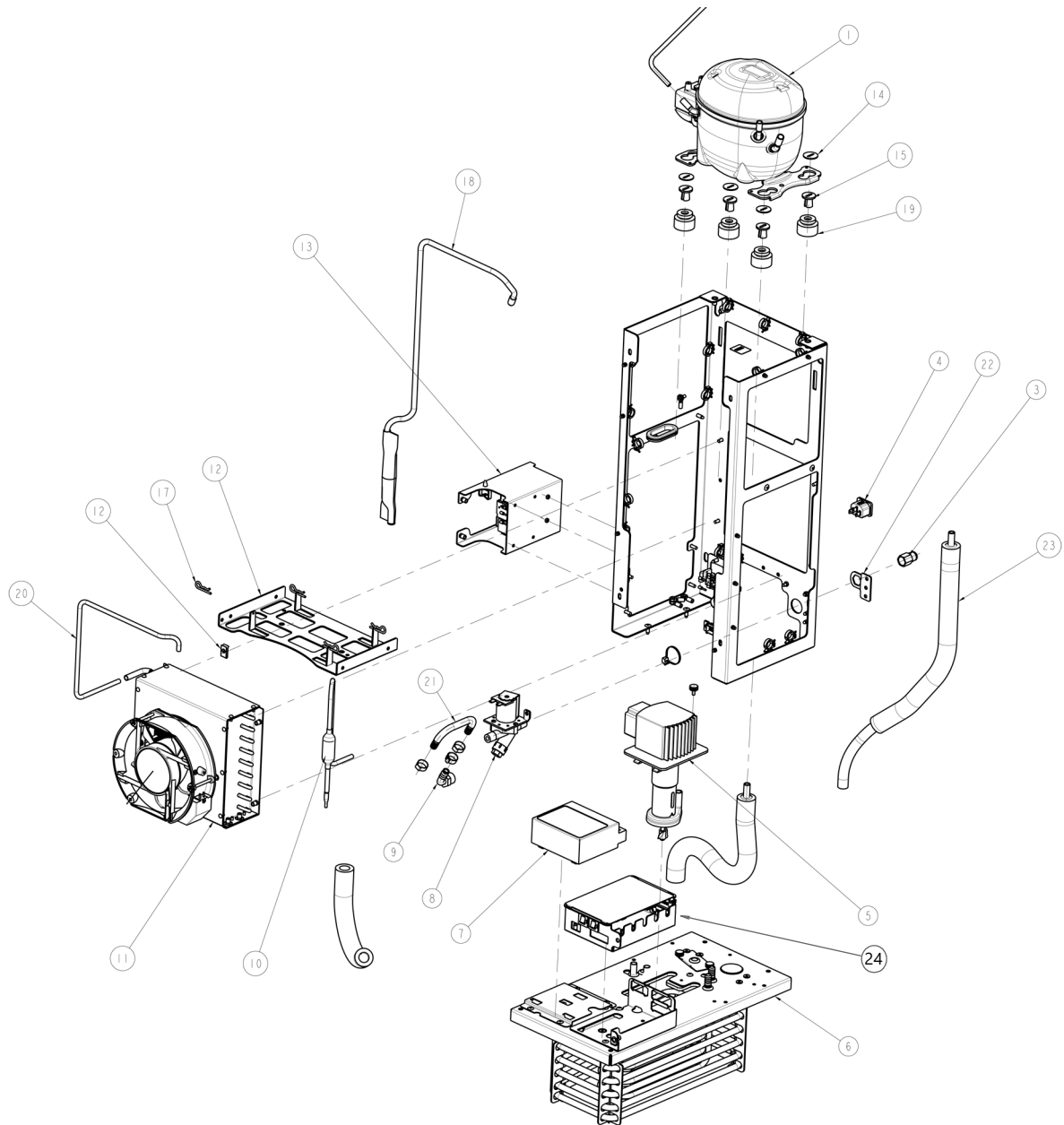
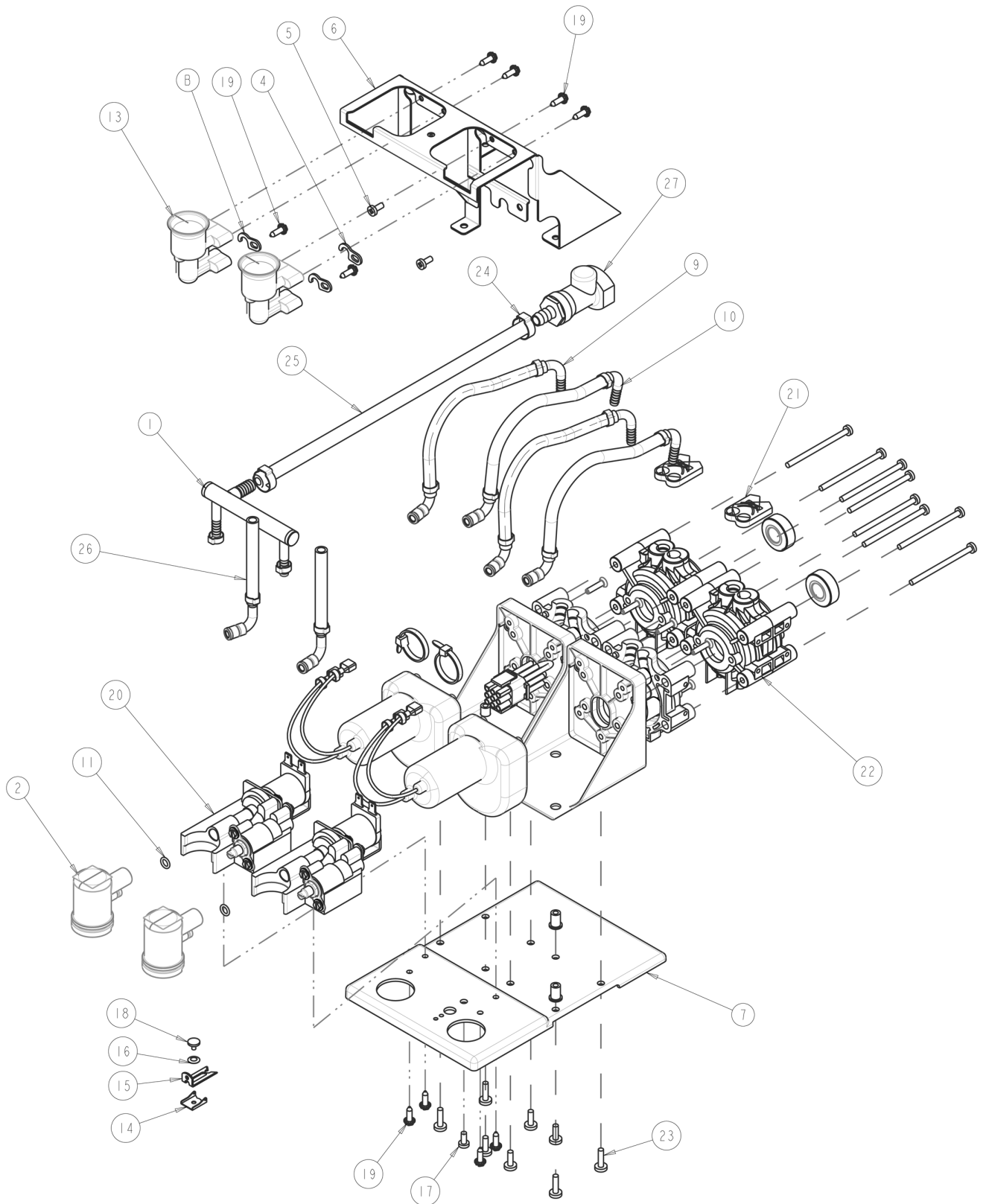


Figure 5.

**Table 5. Refrigeration Frame Assembly**

| Item | Part No.       | Description                                  |
|------|----------------|----------------------------------------------|
| 1    | 620074101      | Kit Comp 115V/60HZ QST 2FL, R290             |
|      | 629098024      | Kit Comp 230V/50HZ QST 2FL, R290             |
| 3    | 620048659      | Adapter, 1/4" FPT x 3/8" MF                  |
| 4    | 620049959- 001 | Cord Power Stra8ight IEC60320-C13 Family     |
|      | 620049959- 003 | Cord, Service 230V                           |
|      | 620049959- 007 | Cord Serv 200V 60 HZ IEC 60906-1             |
|      | 620049959- 008 | Cord Pwr ME Version QSTE 2/4FL               |
|      | 620049959- 009 | Cord PWR Qste 2/4fl Cei-16/Vii Italian Plug  |
| 5    | 620042742      | Agitator Motor Assembly 115V                 |
|      | 620042741      | Agitator Motor Assembly 230V/50              |
| 7    | 620071645      | Control Ice Bank Global 120/240V SMPS        |
| 8    | 620047891      | Valve Water W/Solenoid, Quest Elite, ? 2/4FL |
| 9    | 620049857      | Reducer, Elbow, 1/4" FPT x 3/8" Barb         |
| 10   | 620072238      | 2 Cubic Inches, Filter Dryer                 |
| 11   | 620073088      | Condenser Fan Motor 115V 60Hz                |
|      | 620073721      | Condenser Fan Motor 230V 50/60Hz             |
| 12   | 6775           | Clip Tin CB14-832-4                          |
| 13   | 620072316      | 27VDC PSU                                    |
| 14   | 9649           | Washer Comp Mount                            |
| 15   | 317781000      | Bushing, Split                               |
| 17   | 08474          | Clip Spring                                  |
| 18   | 620073083      | Suction HX Assembly, Quest Elite 2FL         |
| 19   | 620049560      | Grommet Ae Comp QST2                         |
| 21   | 49034          | Tube Tygon 3/8ID X 5/8                       |
| 22   | 620054202      | Brkt Solenoid Quest Elite 2/4FL              |
| 24   | 620072324      | Box, Electric Assy. QUEST                    |

PLATFORM ASSEMBLY NON FLUSH NON SOLD-OUT QST  
P/N 620073302



**Table 6. Platform Assy Non Flush Non Sold-Out QST**

| Item | Part No.      | Description                  |
|------|---------------|------------------------------|
| 1    | 720509314     | Manifold Water In QST        |
| 2    | 720500033     | Chamber Mixing QST4          |
| 4    | 724558601     | Clip Tube Retainer QST       |
| 5    | 70171         | Screw MA 08-32 TRPH 12 SS    |
| 6    | 720201433     | Brkt Asy Platform SLJ QST-NT |
| 7    | 720202704     | Base Platform SLJ QST IHOP   |
| 9    | 720509103     | Tube Asy Concentrate Out QST |
| 10   |               | Tube Asy Concentrate In QST  |
| 11   | 317015000     | O-RING 239ID 070CS 70DU EY-P |
| 13   | 620046159     | Adapter Caddy No Flush QST   |
| 14   | 45046         | Latch #2 Medium SS           |
| 15   | 45047         | Guide Latch #2 Med           |
| 16   | 45048         | Washer Latch #2 Med          |
| 17   | 0704105       | Screw MA 08-32 TRPH 16 SS    |
| 20   | 45508200      | Valve Block Asy QLT Generic  |
| 21   | 48195006      | Clamp Hose .470ID            |
| 22   | <b>45185X</b> | Pump & Motor Asy 3-Roller    |
| 23   | 0704107       | Screw #8-32 X 5/8 THMS SS    |
| 25   | 49034         | Tube TYGON 3/8 IDX 5/8       |
| 26   | 720509104     | Tube Asy Water Valve Inlet   |
| 27   | 720720498     | Coupling In-line 3/8 ID HC35 |
| *    | 620073390     | No-Sold-Out Harness          |

# PLATFORM ASSEMBLY SLJ FLUSH

P/N 620073301

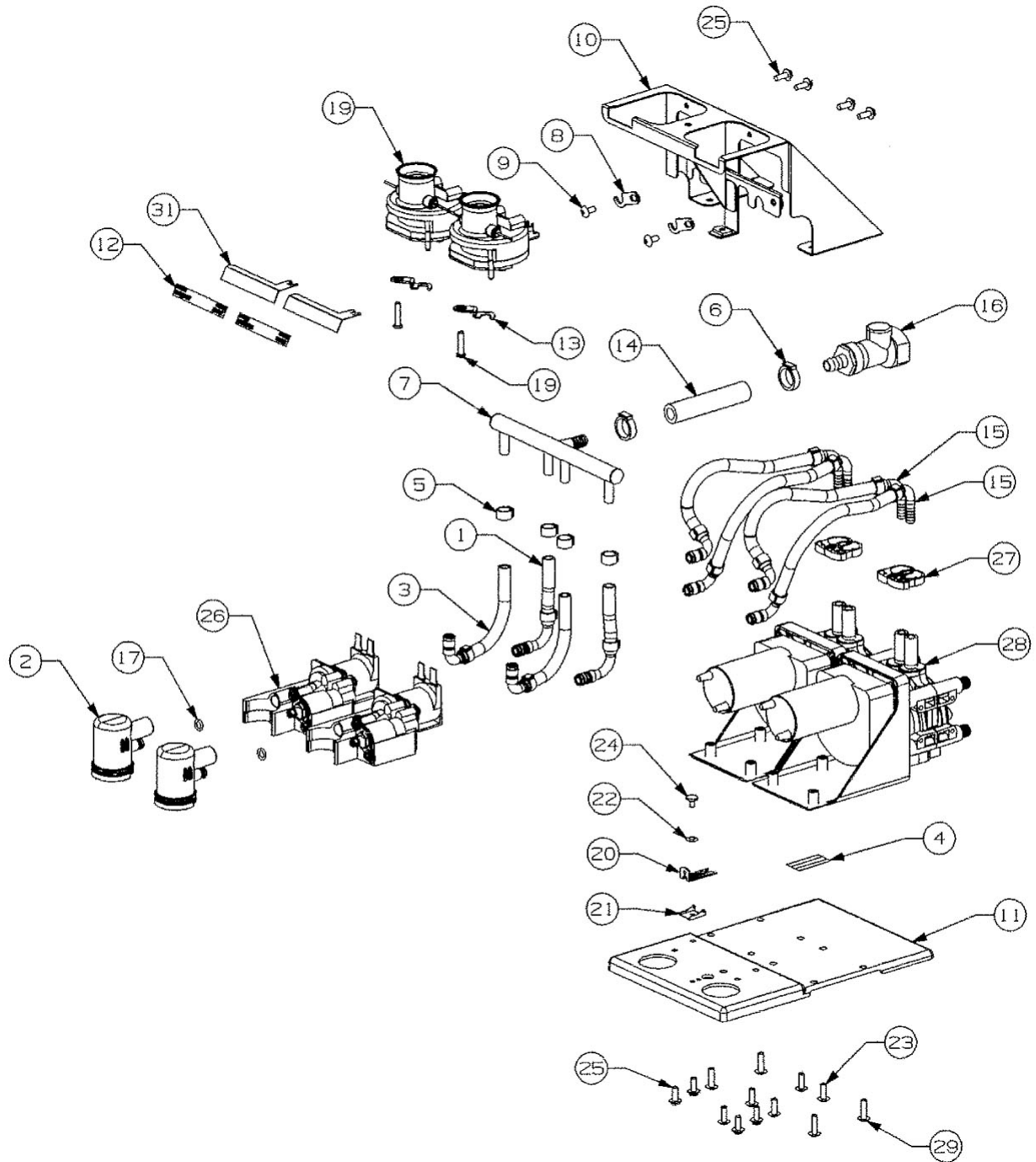


Figure 7.

**Table 7. Platform Assembly SLJ Flush**

| Item | Part No.  | Description                            |
|------|-----------|----------------------------------------|
| 1    | 720509104 | Tube Assembly Water Valve Inlet        |
| 2    | 720500033 | Chamber Mixing QST4                    |
| 3    | 720509105 | Tube Assembly Water Rinse Inlet        |
| 5    | 309854000 | Clamp Oetr 413Open STPLS #10.5         |
| 6    | 30985200  | Clamp Oetr 669 Open STPLS #17.0        |
| 7    | 720509304 | Manifold Water SS Quest 4              |
| 8    | 724558601 | Clip Tube Retainer QST                 |
| 9    | 70171     | Screw Machine 8-32 TRPH12SS            |
| 10   | 720201433 | Bracket Assembly Platform SLJ QST IHOP |
| 11   | 720202704 | Base Platform SLJ QST IHOP             |
| 12   | 7245072   | Label Dispense/Flush QST               |
| 13   | 720704207 | Washer Hold Down Hook RH Turn QST      |
| 14   | 49034     | Tube TYGON 3/8 IDX 5/8                 |
| 15   | 720509103 | Tube Assembly Suction Quest            |
| 16   | 720720498 | Coupling In-line 3/8 ID HC35           |
| 17   | 99010     | O-ring 239 ID 070CS 60DU BU-N          |
| 18   | 45026X    | Adapter Bottle Asy                     |
| 19   | 45060001  | Adapter Bottle Assembly SL DIS P       |
| 20   | 45046     | Latch #2 Medium SS                     |
| 21   | 45047     | Guide Latch #2 MED                     |
| 22   | 45048     | Washer Latch #2 MED                    |
| 23   | 0704105   | Screw MA 08-32 TRPH 16 SS              |
| 24   | 720800077 | Rivet Platform Base QST                |
| 25   | 49478001  | Screw Tc 08-18 Hxsl 14 Ss 25           |
| 26   | 45508200  | Valve Block AS QLT Generic             |
| 27   | 48195006  | Clamp Hose.470 ID                      |
| 28   | 45185X    | Pump & Motor Assembly 3-Roller         |
| 29   | 0704107   | Screw #8-30 2X 5/8 THMS SS             |
| 30   | 720501706 | Cap Plug.093 ID X 50 Long 1/2 inch     |
| 31   | 720201611 | Plate Support Bottle Adapter QST/QLT   |

PLATFORM QLT  
P/N 720522100X

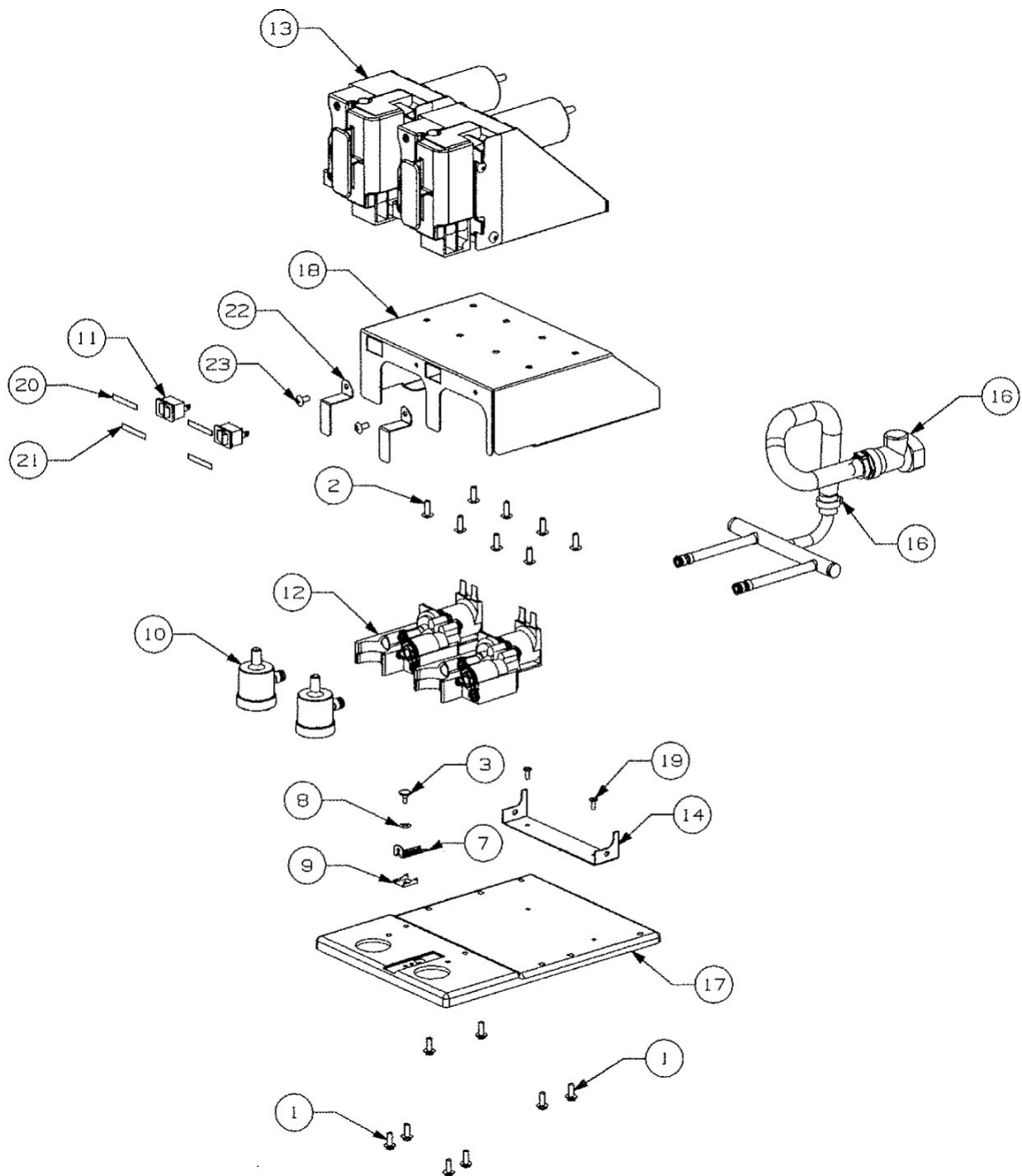


Figure 8.

**Table 8. Platform Assembly QLT**

| Item | Part No.  | Description                                     |
|------|-----------|-------------------------------------------------|
| 1    | 49478001  | Screw Tc 08-18 Hxsl 14 SS 25                    |
| 2    | 0704105   | Screw MA #8-32 TRPH 16SS                        |
| 3    | 720701001 | Rivet Platform Base Quest                       |
| 4    | 11877     | Jumper Assembly Read Flush QLT 180(Not Shown)   |
| 5    | 11887     | Jumper Assembly Red Flush Switch AL(Not Shown)  |
| 6    | 11888     | Harness Assembly Platform SLJT1000-2(Not Shown) |
| 7    | 45046     | Latch #2 Medium SS                              |
| 8    | 45047     | Guide Latch #2 MED                              |
| 9    | 45048     | Washer Latch #2 MED                             |
| 10   | 45364001X | Chamber Mixing Assembly QLT 180 Day             |
| 11   | 620051427 | Switch Rocker Sealed                            |
| 12   | 45508200X | Valve Block Assembly QLT Generic                |
| 13   | 45514100X | Pump Assembly QLT 180                           |
| 14   | 45542     | Manifold Bracket QLT 180 2 FLAV                 |
| 15   | 55145     | Wrap, Tye 5 1/2 inch Long (Not Shown)           |
| 16   | 720509312 | Manifold Assembly Water QLT/QST2                |
| 17   | 720520301 | Base Platform QLT QST2                          |
| 18   | 720522011 | Bracket Support Platform QST2                   |
| 20   | 7245541   | Label Run Flush QLT 180                         |
| 21   | 7245821   | Label Clean                                     |
| 23   | 07115001  | Screw TF 8-32 TRPH 12SS                         |

# PUMP ASSEMBLY

P/N 45185X

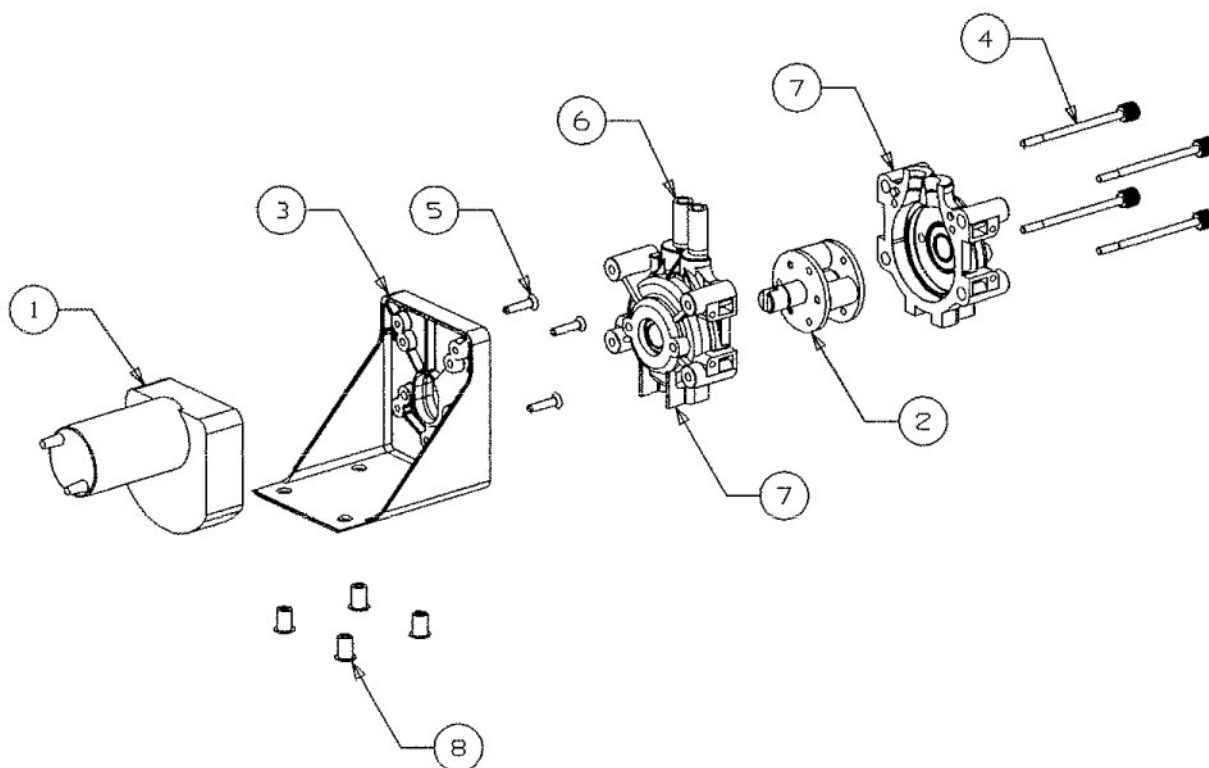


Figure 9.

**Table 9. Pump Assembly**

| Item | Part No. | Description                                          |
|------|----------|------------------------------------------------------|
| 1    | 45016001 | Pump Gear Motor                                      |
| 2    | 45728001 | Rotor Assembly (Thick Wall)                          |
| 3    | 45050    | Pump & Motor Mounting Block                          |
| 4    | 70555    | Screw MA 08-32 TRPH 84 SS                            |
| 5    | 0702905  | Screw #8X3/4" FHMS                                   |
| 6    | 45098    | Pump Tubing Kit (Pump Tubing, Clamps & Instructions) |
| *    | 45078    | Pump Assembly (Items 2 & 7)                          |
| 7    | 45727    | Pump Body, Front/Rear                                |
| *    | 70730    | Nut Well #8-32                                       |
| *    | 0704107  | Screw #8-32 x 5/8 THMS SS                            |



GENERIC BOTTLE ASSEMBLY  
P/N 720401107

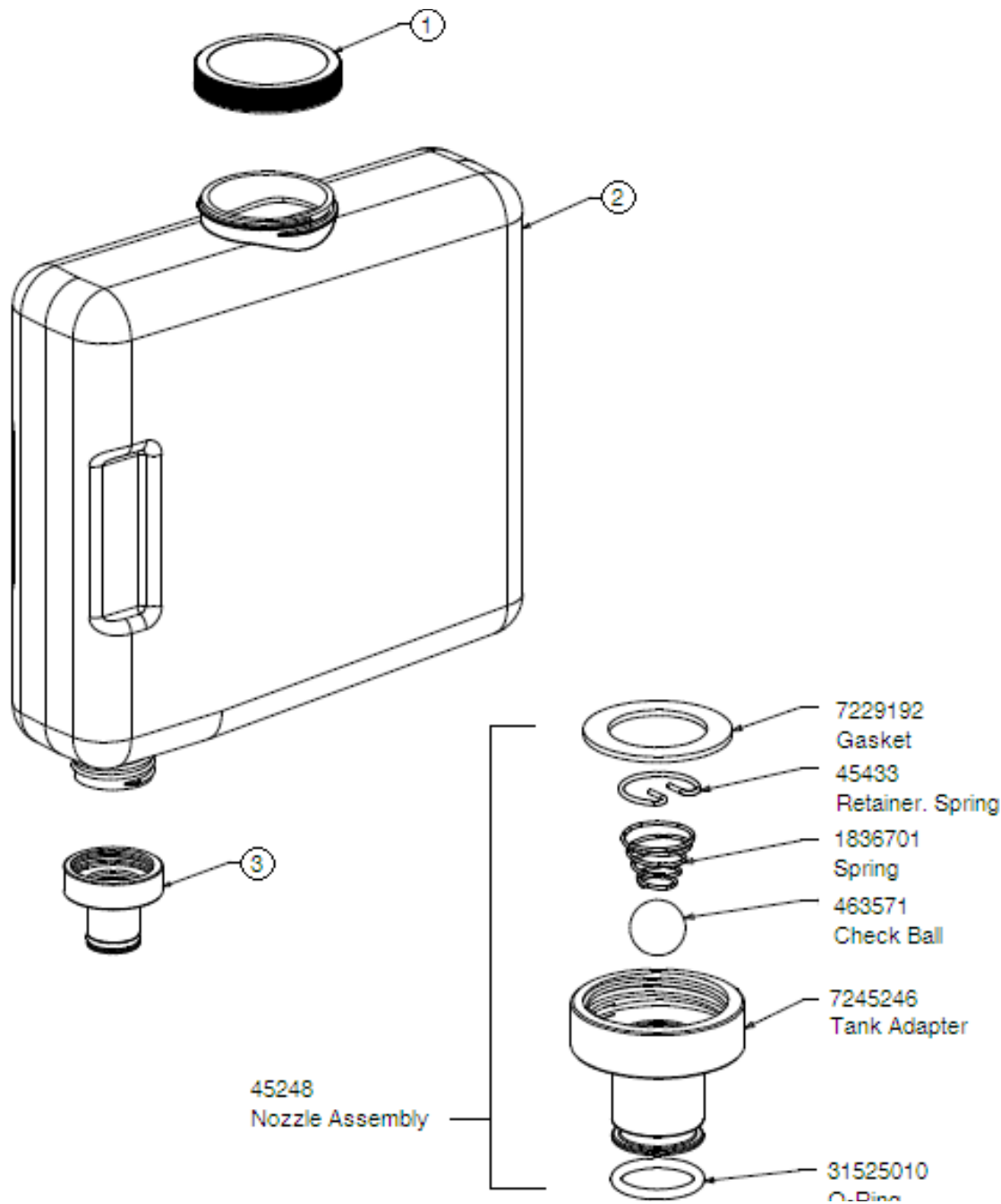


Figure 10.

Table 10. Generic Bottle Assembly

| Item | Part No.  | Description           |
|------|-----------|-----------------------|
| 1    | 720202010 | Cap 400 Series QST    |
| 2    | 720401106 | Bottle Refillable QST |

Table 10. Generic Bottle Assembly

| Item | Part No. | Description              |
|------|----------|--------------------------|
| 3    | 45248    | Adapter Assembly, Bottle |



## RECOMMENDED SPARE PARTS BASED ON 10 UNITS

| Part No.  | Description                            | Qty |
|-----------|----------------------------------------|-----|
| 620073088 | Condenser Fan Motor 115V 60Hz          | 1   |
| 620073721 | Condenser Fan Motor 230V 50/60Hz       | 1   |
| 18367     | Spring, Coil S/S - water solenoid      | 2   |
| 620072316 | Power Supply 27V RPS 120S              | 1   |
| 45098     | Pump tubing kit                        | 4   |
| 45432     | Inner door switch                      | 1   |
| 7245699   | Flow control / bonnet assembly         | 1   |
| 620710107 | Rubber gasket                          | 1   |
| 19695001  | Guide, water solenoid                  | 1   |
| 31525037  | O-ring - dispensing nozzle             | 1   |
| 45016001  | Pump gear motor                        | 2   |
| 45091001  | Main water solenoid valve              | 1   |
| 45728001  | Pump rotor assembly                    | 1   |
| 48520001  | Coil, 24VDC, valve block               | 1   |
| 48979103  | Spool & sleeve Assy w/ o-ring          | 2   |
| 59328001  | Fuse, 6.25 amp                         | 1   |
| 620071645 | Global Ice Bank Control 120/230V       | 1   |
| 720500014 | Drip tray grill                        | 1   |
| 720500104 | Drip tray grill                        | 1   |
| 720500710 | Door gasket                            | 1   |
| 720502800 | Agitator motor                         | 1   |
| 620073748 | Fan Motor, Cabinet 115V/60HZ           | 2   |
| 620073749 | Fan Motor, Cabinet 230V/50HZ           | 2   |
| 720508801 | Push button control board              | 1   |
| 720508802 | Portion control board                  | 2   |
| 702511606 | Ballast Board                          | 1   |
| 720703502 | Foam gasket , lower door               | 1   |
| 620073089 | Cond Quest Elite Pro R290              | 1   |
| 548000278 | Board Door Breakout Control            | 1   |
| 620072238 | Dryer R290 2.36G 1/4ODF                | 1   |
| 620074101 | Compressor Kit Assembly Quest R290 2FL | 1   |
| 620072324 | System Controls E-Box QST R230         | 1   |
| 620073390 | Harn Motor and Valve Ctrl-NO SOLD      | 1   |
| 620049320 | Harn Combined Compressor Condenser     | 1   |
| 620072330 | Harn E-Box Power Input and Water       | 1   |
| 620072331 | Harn E-Box to Cabinet                  | 1   |
| 620072334 | Harn Merchandiser Power                | 1   |
| 620072335 | Harn Door On/Off                       | 1   |
| 620072336 | Harn P2P Dispense Keypad               | 1   |
| 620072337 | Harn Pump Deck SOLD OUT                | 1   |
| 71860290  | Armature Solenoid                      | 1   |
| 620715835 | Nozzle Static Mixer Asm                | 1   |
| 720704005 | Latch Door Male                        | 1   |

