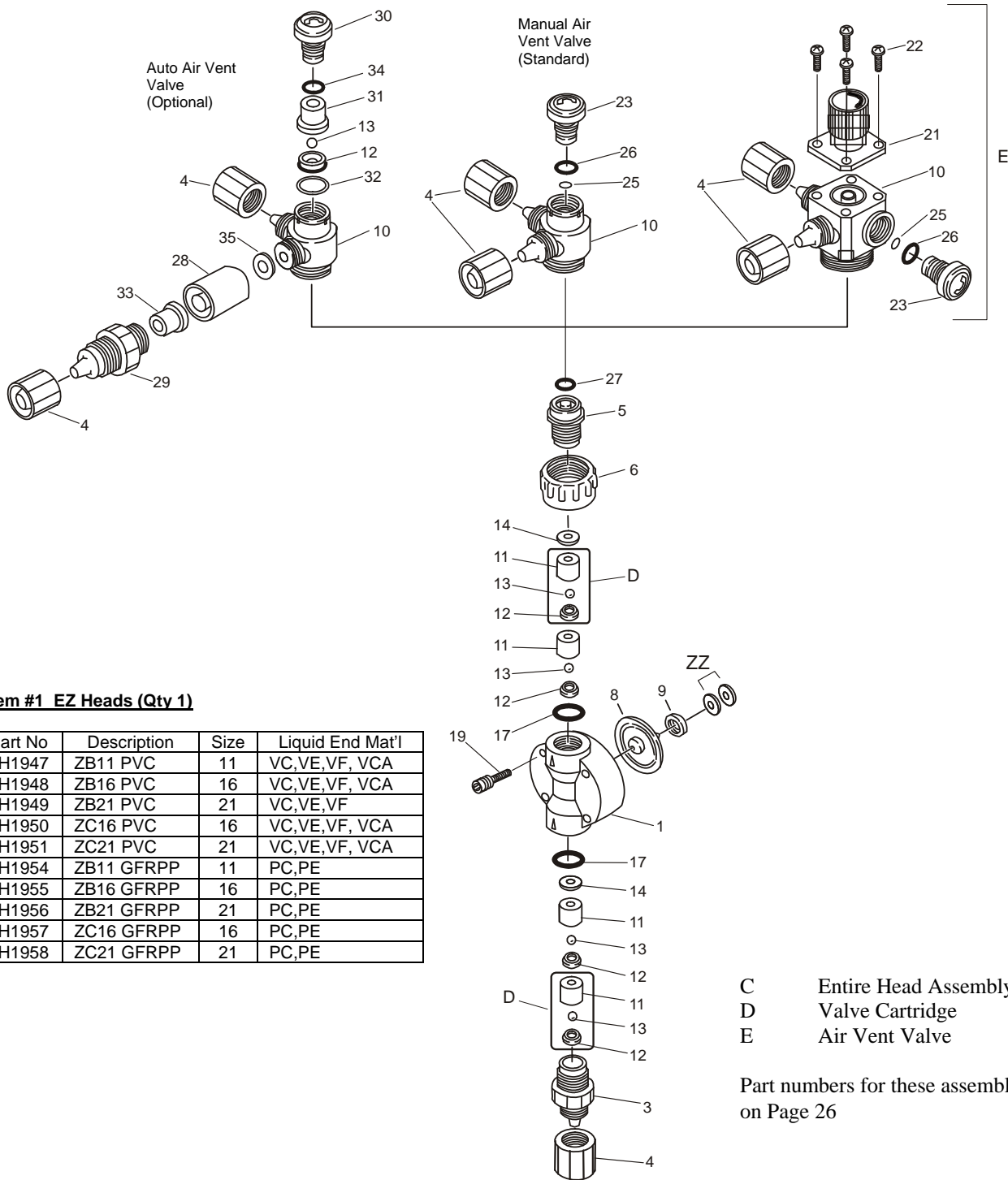


## 5.0 EXPLODED VIEW & PARTS GUIDE

### PVC/GFRPP Liquid End Exploded View #1

For EZ pump model sizes 11, 16, and 21



#### Item #1 EZ Heads (Qty 1)

| Part No | Description | Size | Liquid End Mat'l |
|---------|-------------|------|------------------|
| EH1947  | ZB11 PVC    | 11   | VC,VE,VF, VCA    |
| EH1948  | ZB16 PVC    | 16   | VC,VE,VF, VCA    |
| EH1949  | ZB21 PVC    | 21   | VC,VE,VF         |
| EH1950  | ZC16 PVC    | 16   | VC,VE,VF, VCA    |
| EH1951  | ZC21 PVC    | 21   | VC,VE,VF, VCA    |
| EH1954  | ZB11 GFRPP  | 11   | PC,PE            |
| EH1955  | ZB16 GFRPP  | 16   | PC,PE            |
| EH1956  | ZB21 GFRPP  | 21   | PC,PE            |
| EH1957  | ZC16 GFRPP  | 16   | PC,PE            |
| EH1958  | ZC21 GFRPP  | 21   | PC,PE            |

C Entire Head Assembly  
D Valve Cartridge  
E Air Vent Valve

Part numbers for these assemblies are on Page 26

## PVC/GFRPP Liquid End Exploded View #1

### Components

| Item | Part No                     | Description                               | Qty   | Size  | Liquid End Mtl        |
|------|-----------------------------|---|-------|---|-----------------------|
|      | 3                           | EH0400 Housing, Valve, 3/8 PVC            | 1     | 11, 16, 21                                    | VC, VE, VF, VCA       |
|      |                             | EH0418 Housing, Valve, 3/8 GFRPP          | 1     | 11, 16, 21                                    | PC, PE                |
|      | 4                           | EH0401 Nut, Coupling, 3/8 PVC             | 3     | 11, 16, 21                                    | VC, VE, VF, VCA       |
|      |                             | EH0419 Nut, Coupling, 3/8 GFRPP           | 3     | 11, 16, 21                                    | PC, PE                |
|      | 5                           | EH0294 Fitting, Air Vent, PVC             | 1     | 11, 16, 21                                    | VC, VE, VF, VCA       |
|      |                             | EH0315 Fitting, Air Vent, GFRPP           | 1     | 11, 16, 21                                    | PC, PE                |
|      | 6                           | EH0295 Nut, Lock, Air Vent, PVC           | 1     | 11, 16, 21                                    | VC, VE, VF, VCA       |
|      |                             | EH0316 Nut, Lock, Air Vent, GFRPP         | 1     | 11, 16, 21                                    | PC, PE                |
| *    | 8                           | EH1971 Diaphragm, Z11                     | 1     | 11  | all                   |
|      |                             | EH1972 Diaphragm, Z16                     | 1     | 16  | all                   |
|      |                             | EH1973 Diaphragm, Z21                     | 1     | 21  | all                   |
| *    | 9                           | EH0059 Retainer, Z11                      | 1     | 11  | all                   |
|      |                             | EH0083 Retainer, Z16                      | 1     | 16  | all                   |
|      |                             | EH0067 Retainer, Z21                      | 1     | 21  | all                   |
|      | 10                          | EH0402 Body, Manual Air Vent, PVC         | 1     | 11, 16, 21                                    | VC, VE, VF            |
|      |                             | EH0420 Body, Manual Air Vent, GFRPP       | 1     | 11, 16, 21                                    | PC, PE                |
|      |                             | EH0861 Body, Auto Air Vent, PVC           | 1     | 11, 16, 21                                    | VCA                   |
|      |                             | EH1406 Body, Multifunction Valve, PVC     | 1     | 11, 16, 21                                    | VCM, VEM, VFM         |
|      |                             | EH1407 Body, Multifunction Valve, GFRPP   | 1     | 11, 16, 21                                    | PCM, PEM              |
| *    | 11                          | EH0060 Guide, Valve, .188 PVC             | 4     | 11  | VC, VE, VF, VCA       |
|      |                             | EH0318 Guide, Valve, .188 GFRPP           | 4     | 11  | PC, PE                |
|      |                             | EH0068 Guide, Valve, .250 PVC             | 4     | 16, 21  | VC, VE, VF, VCA       |
|      |                             | EH1534 Guide, Valve, .250 GFRPP           | 4     | 11, 21  | PC, PE                |
| *    | 12                          | EH0061 Seat, Valve, .188 FKM              | 4 (5) | 11  | VC, PC (VCA)          |
|      |                             | EH0048 Seat, Valve, .188 EPDM             | 4     | 11  | VE, PE, VF            |
|      |                             | EH0069 Seat, Valve, .250 FKM              | 4     | 16, 21  | VC, PC                |
|      |                             | EH0071 Seat, Valve, .250 EPDM             | 4     | 16, 21  | VE, PE, VF            |
| *    | 13                          | EH0025 Ball, Valve, .188 CE               | 4 (5) | 11  | VC, VE, PC, PE, (VCA) |
|      |                             | EH0084 Ball, Valve, .250 CE               | 4     | 16, 21  | VC, VE, PC, PE, VCA   |
|      |                             | E00063 Ball, Valve 0.188 PTFE             | 4     | 11  | VF                    |
|      |                             | E00064 Ball, Valve 0.250 PTFE             | 4     | 16, 21  | VF                    |
| *    | 14                          | EH0026 Gasket, Valve, .188 & .250 PTFE    | 2     | 11, 16, 21                                    | VC, VE, VF, VCA       |
|      |                             | EH0580 Gasket, Valve, .188 & .250 PTFE    | 2     | 11, 16, 21                                    | PC, PE                |
| *    | 17                          | EH0027 O-Ring, S14 FKM                    | 2     | 11, 16, 21                                    | VC, PC, VCA           |
|      |                             | EH0050 O-Ring, S14 EPDM                   | 2     | 11, 16, 21                                    | VE, PE, VF            |
|      | 19                          | EH1987 Bolt, M4 x 40 w/PW & SW, 316SS     | 4     | B11, 16, 21                                   | all                   |
|      |                             | EH1986 Bolt, M4 x 35 w/PW & SW, 316SS     | 4     | C16, 21                                       | all                   |
|      |                             | E90374 Multifunction Valve Top Asm        | 1     | 11, 16, 21                                    | all xxM ends          |
|      | 22                          | EH1410 Screw, M4 x 10, SS304, PP          | 4     | 11, 16, 21                                    | all xxM ends          |
|      | 23                          | EH0299 Knob, Manual Air Vent Valve, PVC   | 1     | 11, 16, 21                                    | VC, VE, VF            |
|      |                             | EH0321 Knob, Manual Air Vent Valve, GFRPP | 1     | 11, 16, 21                                    | PC, PE                |
| *    | 25                          | EH0300 O-Ring, P4 FKM                     | 1     | 11, 16, 21                                    | VC, PC, VCA           |
|      |                             | EH0301 O-Ring, P4 EPDM                    | 1     | 11, 16, 21                                    | VE, PE, VF            |
| *    | 26                          | EH0302 O-Ring, P10A FKM                   | 1     | 11, 16, 21                                    | VC, PC, VCA           |
|      |                             | EH0303 O-Ring, P10A EPDM                  | 1     | 11, 16, 21                                    | VE, PE, VF            |
| *    | 27                          | EH0304 O-Ring, P7 FKM                     | 1     | 11, 16, 21                                    | VC, PC, VCA           |
|      |                             | EH0305 O-Ring, P7 EPDM                    | 1     | 11, 16, 21                                    | VE, PE, VF            |
|      | 28                          | EH0864 Fitting, Adapter, AAVV, PVC        | 1     | 11, 16, 21                                    | VCA                   |
|      | 29                          | EH0867 Fitting, AAVV, PVC                 | 1     | 11, 16, 21                                    | VCA                   |
|      | 30                          | EH0774 Knob, AAVV, PVC                    | 1     | 11, 16, 21                                    | VCA                   |
|      | 31                          | EH0862 Guide, Valve, AAVV, Titanium       | 1     | 11, 16, 21                                    | VCA                   |
|      |                             | E00080 Guide, Valve, AAVV, HC276          | 1     | 11, 16, 21                                    | VCA-H                 |
|      | 32                          | EH0775 Spacer, AAVV, PVC                  | 1     | 11, 16, 21                                    | VCA                   |
|      | 33                          | EH0865 Tube, Valve, AAVV, FKM             | 1     | 11, 16, 21                                    | VCA                   |
|      | 34                          | EH0776 O-Ring, S12, FKM                   | 1     | 11, 16, 21                                    | VCA                   |
|      | 35                          | EH0866 Gasket, AAVV, FKM                  | 1     | 11, 16, 21                                    | VCA                   |
|      | ZZ                          | ----- Brass Spacers                       |       | Drive specific/Reuse when replacing diaphragm |                       |
| *    | Included in spare parts kit |   |       |   |                       |