

### ITEM 10A. SLIP JOINT GASKETS AND RINGS

| Size            | Code No.        | Part No. | Description                    |
|-----------------|-----------------|----------|--------------------------------|
| 1-1/2"          | 5306058         | F-3      | Red Friction Ring              |
|                 | 5322001         | VBF-5    | Black Slip Joint Gasket        |
|                 | 0319086/5319086 | S-30     | Flexible Seat                  |
|                 | 0319079         | S-21     | Rigid Seat (rubber over brass) |
| 1-1/2" x 1-1/4" | 0396062         | F-105    | Slip Joint Gasket – Rigid      |
| 1-1/4"          | 5306057         | F-3      | Red Friction Ring              |
|                 | 5322176         | VBF-5    | Black Slip Joint Gasket        |
|                 | 0307052/5307052 | G-21     | Rigid Seat (rubber over brass) |
| 1"              | 5306056         | F-3      | Red Friction Ring              |
|                 | 5306115         | F-5      | Black Slip Joint Gasket        |
| 3/4"            | 5306055         | F-3      | Red Friction Ring              |
|                 | 5306113         | F-5      | Black Slip Joint Gasket        |

For use with 3/4" H-600-A Bak-Chek® screwdriver control stop For use with 3/4" H-600-A Bak-Chek® screwdriver control stop

RW for use with Reclaimed Water Flushometers

Sloan products are also available in satin, brushed nickel, chrome, gold and polished brass finishes – contact factory for part numbers.

# Royal® Flushometer

## PARTS LIST

| Item         No.         Code No.         Part No.         Description           1.         301172PKA-72         CP Cover         301435PKA-72-HE         CP High Efficiency Cover           2.         301136         A-71         Inside Cover         Inside Cover           3.         —         Dual-Filtered Bypass Diaphragm Assembly           3.         —         Dial-Compliant Tiple Seal Handle Assembly           3.         —         O301209         B-7.4         CP ADA-Compliant Tiple Seal Handle Assembly           3.         3002264         B-7.4         CP ADA-Compliant Tiple Coupling Assembly         3030140           3.         S001139         A-31         Handle Back Per Spud Coupling Assembly         3030140           3030140         F-5.74         1-114" (32 mm) CP Spud Coupling Assembly         3030145           3030140         F-5.74         1-114" (32 mm) x 9" (228 mm) CP Vacuum Breaker  | PAR  | IS LIST  |                  |   |
|---|------|----------|------------------|---|
| 0301435PKA-72-HE         CP High Efficiency Cover           030136         A-71         Inside Cover (Purple)           3.         —         Dual-Filtered Bypass Diaphragm Assembly<br>(refer to table and diagram on following page)           4.         0302390         B-73-A         CP ADA-Compliant Triple Seal Handle Assembly           9002267         B-73-A         CP ADA-Compliant Triple Seal Handle Assembly           7.         0302309         B-74-A         CP ADA-Compliant Handle           9002264         B-74-A         CP ADA-Compliant Handle           90302109         B-74-A         CP ADA-Compliant Handle           9.         3002306         B-51-A         Triple Seal Handle Repair Kit           9.         5301139         A-31         Handle Gasket - 48 per package           10.         0306146         F-5-AU         1-1/2" (38 mm) CP Spud Coupling Assembly           0306146         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           10.         S22300         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393000         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393000         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393000         V-600-AA         1-1/4" (32 mm) x 9"   |      | Code No. | Part No.         | Description   |
| 2.         0301168         A-71         Inside Cover           0301336         A-71-1         Inside Cover (Purple)           3.         —         Dual-Filtered Bypass Diaphragm Assembly<br>(refer to table and diagram on following page)           4.         0302300         B-73-A.         CP ADA-Compliant Triple Seal Handle Assembly           0302167         B-73-A. CP CADA-Compliant Triple Seal Handle Assembly         Compliant Triple Seal Handle Assembly           7.         0302308         B-74-A.         CP ADA-Compliant Handle           0302264         B-74-A. CP ADA-Compliant Handle         Compliant Mandle           0302265         F-5-A.         Triple Seal Handle Repair Kit           9.         5301139         A-31         Handle Gasket – 48 per package           10.         0306146         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306146         F-5-AU         1-1/2" (38 mm) CP Spud Coupling Assembly           10.         S22182         V-651-A         High Back Pressure Vacuum Breaker Repair Kit           12.         3393006         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393000         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker<   | 1.   | 0301172P | <b>K</b> A-72    | CP Cover  |
| 0301336         A-71-1         Inside Cover (Purple)           3.         —         Dual-Hitered Bypass Diaphragm Assembly<br>(refer to table and diagram on following page)           4.         0302300         B-73-A. CP ADA-Compliant Triple Seal Handle Assembly           5.         0301082         A-6         CP Handle Coupling           6.         0302109         B-7-A         CP ADA-Compliant Handle           0302264         B-74-A         CP ADA-Compliant Handle           0302255         F-5-AV         CP ADA-Compliant Handle           0302264         B-74-A. CP ADA-Compliant Handle         0302265           9.         5301139         A-31         Handle Gasket – 48 per package           10.         3026152         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306140         F-5-AI         1-1/2" (38 mm) CP Spud Coupling Assembly           0306141         F-5-AI         1-1/2" (32 mm) X 9" (228 mm) CP Vacuum<br>Breaker           3393006         V-600-AA         1-1/4" (32 mm) X 9" (228 mm) CP Vacuum<br>Breaker           3393007         V-600-AA         1-1/2" (38 mm) X 9" (228 mm) CP Vacuum<br>Breaker           3393007         V-600-AA         1-1/2" (38 mm) X 9" (228 mm) CP Vacuum<br>Breaker           3308386         H-500-A         1-1/2" (38 mm) X 9" (228 mm) CP Vacuum<br>Breake   |      | 0301435P | <b>K</b> A-72-HE | CP High Efficiency Cover                                |
| 3.         —         Dual-Filtered Bypass Diaphragm Assembly<br>(refer to table and diagram on following page)           4.         0302267         B-73-A         CP ADA-Compliant Triple Seal Handle Assembly           5.         0302267         B-73-A-PH         CP ADA-Compliant Triple Seal Handle Assembly           7.         0302238         B-74-A         CP ADA-Compliant Handle           0302264         B-74-A         CP ADA-Compliant Handle           0302265         B-51-A         Triple Seal Handle Repair Kit           9.         5301139         A-31         Handle Gasket - 48 per package           10.         0306140         F-5-AU         3/4" (19 mm) CP Spud Coupling Assembly           0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306141         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306142         V-600-AA         1-1/4" (32 mm) CP Vacuum Breaker Repair Kit           12.         3393006         V-600-AA         1-1/4" (32 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/4" (22 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) Y 9" (228 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/2" (38 mm) CP Bak-Checker           30308676         H-551   | 2.   | 0301168  | A-71             | Inside Cover  |
| 3.         —         Dual-Filtered Bypass Diaphragm Assembly<br>(refer to table and diagram on following page)           4.         0302267         B-73-A         CP ADA-Compliant Triple Seal Handle Assembly           5.         0302267         B-73-A-PH         CP ADA-Compliant Triple Seal Handle Assembly           7.         0302238         B-74-A         CP ADA-Compliant Handle           0302264         B-74-A         CP ADA-Compliant Handle           0302265         B-51-A         Triple Seal Handle Repair Kit           9.         5301139         A-31         Handle Gasket - 48 per package           10.         0306140         F-5-AU         3/4" (19 mm) CP Spud Coupling Assembly           0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306141         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306142         V-600-AA         1-1/4" (32 mm) CP Vacuum Breaker Repair Kit           12.         3393006         V-600-AA         1-1/4" (32 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/4" (22 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) Y 9" (228 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/2" (38 mm) CP Bak-Checker           30308676         H-551   |      | 0301336  | A-71-1           | Inside Cover (Purple)                                   |
| 4.         0302390         B-73-A         CP ADA-Compliant Triple Seal Handle Assembly           5.         0301082         A-6         CP Handle Coupling           6.         0302109         B-7-A         CP Socket Assembly           7.         0302284         B-74-A         CP ADA-Compliant Handle           9.         5301139         A-31         Handle Gasket - 48 per package           10.         0306125         F-5-AW         3/4" (19 mm) CP Spud Coupling Assembly           0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306141         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306142         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306143         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306146         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           10.         3323162         V-651-A         High Back Pressure Vacuum Breaker           3393006         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           13.         0308676         H-550         CP Stop Coupling           14.         0308801         H-551-A  | 3.   | —        |                  | Dual-Filtered Bypass Diaphragm Assembly                 |
| 0302267         B-73-A-PH         CP ADA-Compliant Triple Seal Handle Assembly           5.         0301082         A-6         CP Handle Coupling           6.         0302109         B-7-A         CP Cocket Assembly           7.         0302288         B-74-A         CP ADA-Compliant Handle           0302264         B-74-A-PH         CP ADA-Compliant Handle           9.         330139         A-31         Handle Gasket - 48 per package           10.         0306125         F-5-AW         3/4" (19 mm) CP Spud Coupling Assembly           0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           03061410         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           03061416         F-5-AU         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (32 mm) x 9" (228 mm) CP Vacuum Breaker           13.         0308676         H-551         AC   |      |          |                  | (refer to table and diagram on following page)          |
| 5.         0301082         A-6         CP Handle Coupling           6.         0302109         B-7-A         CP Socket Assembly           7.         0302389         B-74-A         CP ADA-Compliant Handle           0302264         B-74-A-PH         CP ADA-Compliant Handle (Purple Handle)           8.         302030         B-51-A         Triple Seal Handle Repair Kit           9.         5301139         A-31         Handle Gasket - 48 per package           10.         0306125         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306146         F-5-AT         1-1/2" (38 mm) CP Spud Coupling Assembly           10.         SEE SLIP JOINT GASKETS AND RINGS TABLE BELOW LEFT           11.         323182         V-651-A         High Back Pressure Vacuum Breaker Repair Kit           12.         3393006         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           13.         0308676         H-550         CP Stop Coupling           14.         0308801         H-51-A         CP Adjustable Tailpiece 2-1/16" (52 mm long)           3308384         H-570-A <th>4.</th> <th>0302390</th> <th>B-73-A</th> <th>CP ADA-Compliant Triple Seal Handle Assembly</th>   | 4.   | 0302390  | B-73-A           | CP ADA-Compliant Triple Seal Handle Assembly            |
| 6.         0302109         B-7-A         CP Socket Assembly           7.         0302389         B-74-A         CP ADA-Compliant Handle           8.         3302306         B-51-A         Triple Seal Handle Repair Kit           9.         5301139         A-31         Handle Gasket – 48 per package           10.         0306125         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306140         F-5-AT         1-1/2" (38 mm) CP Spud Coupling Assembly           0306140         F-5-AT         1-1/2" (38 mm) CP Spud Coupling Assembly           10A.         SEE SLIP JOINT GASKETS AND RINGS TABLE BELOW LEFT           11.         3323006         V-600-AA           1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           13.         0308676         H-550         CP Stop Coupling           14.         0308801         H-551-A         CP Adjustable Taiplece 2-1/16" (52 mm long) Standard Length*           15A         5306896         H-553         O-ring - 24 per package           15B   |      | 0302267  | B-73-A-PH        | CP ADA-Compliant Triple Seal Handle Assembly            |
| 7.         0302389         B-74-A         CP ADA-Compliant Handle           0302264         B-74-A-PH         CP ADA-Compliant Handle (Purple Handle)           8.         3302306         B-51-A         Triple Seal Handle Repair Kit           9.         5301139         A-31         Handle Gasket – 48 per package           10.         0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306146         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306146         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306146         F-5-AU         1-1/2" (38 mm) CP Spud Coupling Assembly           10.         S2E11P         JOINT GASKETS AND RINGS TABLE BELOW LEFT           11.         3323182         V-600-AA         3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           13.         0308676         H-550         CP Stop Coupling           14.         0308801         H-551-A         CP Adjustable Tailpice 2-1/16" (52 mm long)           158.         5308696         H-552         Locking Ring – 12 per package           158. <t< th=""><th>5.</th><th>0301082</th><th>A-6</th><th>CP Handle Coupling</th></t<>   | 5.   | 0301082  | A-6              | CP Handle Coupling                                      |
| 0302264         B-74-A-PH         CP ADA-Compilant Handle (Purple Handle)           8.         3302306         B-51-A         Triple Seal Handle Repair Kit           9.         5301139         A-31         Handle Gasket – 48 per package           10.         0306125         F-5-AW         3/4" (19 mm) CP Spud Coupling Assembly           0306146         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306146         F-5-AU         1-1/2" (38 mm) CP Spud Coupling Assembly           10.         SEE SLIP JOINT GASKETS AND RINGS TABLE BELOW LEFT           11.         323182         V-651-A         High Back Pressure Vacuum Breaker Repair Kit           3393006         V-600-AA         3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           33         0308676         H-550         CP Stop Coupling           14.         0308676         H-551         O-ring - 24 per package           15B         5308381         H-552         Locking Ring - 12 per package           16.         3308386         H-700-A         3/4" (19 mm) CP Bak-Chek* Screwdriver Stop           0388141         H-700-A-RW  | 6.   | 0302109  | B-7-A            | CP Socket Assembly                                      |
| 8.         3302306         B-51-A         Triple Seal Handle Repair Kit           9.         5301139         A-31         Handle Gasket – 48 per package           10.         0306125         F-5-AW         3/4" (19 mm) CP Spud Coupling Assembly           0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           10.         SEE SLIP JOINT GASKETS AND RINGS TABLE BELOW LEFT           11.         3323182         V-651-A         High Back Pressure Vacuum Breaker Repair Kit           12.         3393004         V-600-AA         3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           13.         0308676         H-550         CP Stop Coupling           14.         030801         H-551-A         CP Adjustable Tailpiece 2-1/16" (52 mm long) Standard Length*           158.         5308381         H-552         Locking Ring – 12 per package           16.         3308364         H-700-A         1" (25 mm) CP Bak-Chek® Screwdriver St   | 7.   | 0302389  | B-74-A           | CP ADA-Compliant Handle                                 |
| 9.         5301139         A-31         Handle Gasket – 48 per package           10.         0306125         F-5-AW         3/4" (19 mm) CP Spud Coupling Assembly           0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306146         F-5-AT         1-1/2" (38 mm) CP Spud Coupling Assembly           10.         SEE SLIP JOINT GASKETS AND RINGS TABLE BELOW LEFT           11.         3323182         V-661-A         High Back Pressure Vacuum Breaker Repair Kit           3393007         V-600-AA         3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           333007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3330007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3330007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           13.         0308676         H-550         CP Stop Coupling           14.         0308801         H-551         CP Adjustable Tailpiece 2-1/16" (52 mm long) Standard Length*           15A         5308686         H-574         CP Adjustable Tailpiece 2-1/16" (52 mm long) Standard Length*           15A         5308381         H-552         Locking Riing -12 per package </th <th></th> <th>0302264</th> <th>B-74-A-PH</th> <th>CP ADA-Compliant Handle (Purple Handle)</th> |      | 0302264  | B-74-A-PH        | CP ADA-Compliant Handle (Purple Handle)                 |
| 9.         5301139         A-31         Handle Gasket – 48 per package           10.         0306125         F-5-AW         3/4" (19 mm) CP Spud Coupling Assembly           0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306146         F-5-AT         1-1/2" (38 mm) CP Spud Coupling Assembly           10.         SEE SLIP JOINT GASKETS AND RINGS TABLE BELOW LEFT           11.         3323182         V-661-A         High Back Pressure Vacuum Breaker Repair Kit           3393007         V-600-AA         3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           333007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3330007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3330007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           13.         0308676         H-550         CP Stop Coupling           14.         0308801         H-551         CP Adjustable Tailpiece 2-1/16" (52 mm long) Standard Length*           15A         5308686         H-574         CP Adjustable Tailpiece 2-1/16" (52 mm long) Standard Length*           15A         5308381         H-552         Locking Riing -12 per package </th <th>8.</th> <th>3302306</th> <th>B-51-A</th> <th>Triple Seal Handle Repair Kit</th>            | 8.   | 3302306  | B-51-A           | Triple Seal Handle Repair Kit                           |
| 0306125         F-5-AW         3/4" (19 mm) CP Spud Coupling Assembly           0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           0306146         F-5-AT         1-1/2" (38 mm) CP Spud Coupling Assembly           10A.         SEE SLIP JUINT GASKETS AND RINGS TABLE BELOW LEFT           11.         3323182         V-651-A         High Back Pressure Vacuum Breaker Repair Kit           3393004         V-600-AA         3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393081         H-555         CP Stop Coupling           14.         0308606         H-553         O-ring - 24 per package           15B.         5308381         H-552         Locking Ring - 12 per package           16.         330836         H-700-A         3/4" (19 mm) CP Bak-Chek® Screwdriver Stop           0388142         H-700-A-RW 3/4" (19 mm) CP Bak-Chek® Screwdri   | 9.   | 5301139  | A-31             |   |
| 0306140         F-5-AU         1-1/4" (32 mm) CP Spud Coupling Assembly           10A         SEE SLIP JOINT GASKETS AND RINGS TABLE BELOW LEFT           11.         3223182         V-651-A         High Back Pressure Vacuum Breaker Repair Kit           12.         3393004         V-600-AA         3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393006         H-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393008         H-551         CP Stop Coupling           14.         0308801         H-552         Locking Ring – 12 per package           158.         5308381         H-552         Locking Ring – 12 per package           16.         3308364         H-700-A         1" (25 mm) CP Bak-Chek® Screwdriver Stop           3308384         H-700-A         1" (25 mm) CP Bak-Chek® Screwdriver Stop           330833         H-541-ASD<  | 10.  | 0306125  | F-5-AW           |   |
| 0306146         F-5-AT         1-1/2" (38 mm) CP Spud Coupling Assembly           10A.         SEE SLIP JOINT GASKETS AND RINGS TABLE BELOW LEFT           11.         322182         V-651-A         High Back Pressure Vacuum Breaker Repair Kit           12.         3393004         V-600-AA         3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           3308801         H-550         CP Stop Coupling           14.         0308801         H-551-A         CP Adjustable Tailpiece 2-1/16" (52 mm long) Standard Length*           15B.         5308381         H-552         Locking Ring - 12 per package         16           16.         3308386         H-700-A         1" (25 mm) CP Bak-Chek* Screwdriver Stop  |      |          |                  |   |
| 323         323 <th></th> <th></th> <th></th> <th></th>   |      |          |                  |   |
| 11.         3323182         V-651-A         High Back Pressure Vacuum Breaker Repair Kit           12.         3393004         V-600-AA         3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           13.         0308676         H-550         CP Stop Coupling           14.         0308801         H-551-A         CP Adjustable Tailpiece 2-1/16" (52 mm long) Standard Length*           15A.         5308696         H-553         0-ring - 24 per package           15B.         5308381         H-552         Locking Ring - 12 per package           16.         3308366         H-700-A         1" (25 mm) CP Bak-Chek® Screwdriver Stop           0388141         H-700-A-RW 1" (25 mm) CP Bak-Chek® Screwdriver Stop         0388142           030812         H-60-A-RW 3/4" (19 mm) CP Bak-Chek® Screwdriver Stop         0388142           17.         3308856         H-543-ASD         Control Stop Repair Kit 1           18.         0308612         H-622         CP Bonnet 1           0308843         H-577         CP Bonnet 1         0308843           1-577         CP Bonnet 1         0308844         H-582 <th>10A</th> <th></th> <th>-</th> <th></th>  | 10A  |          | -                |   |
| 12.         3393004         V-600-AA         3/4" (19 mm) x 9" (228 mm) CP Vacuum Breaker           3393006         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum Breaker           13.         0308676         H-550         CP Stop Coupling           14.         0308801         H-551-A         CP Adjustable Tailpiece 2-1/16" (52 mm long) Standard Length*           15A.         5308696         H-553         O-ring – 24 per package         168           15B.         5308381         H-552         Locking Ring – 12 per package         168           16.         3308386         H-700-A         1" (25 mm) CP Bak-Chek* Screwdriver Stop         0388141           17.         1308853         H-541-ASD         Control Stop Repair Kit *         3308854           18.         0308612         H-622         CP Bonnet *         0308842           19.         3308856         H-543-ASD         Control Stop Repair Kit *           18.         0308612         H-622         CP Bonnet *         0308843           19.         3308772         H-1010-A         Vandal Resistant Control Stop Cap Assembly *           19.         3308772         H-1010-A         Vandal Resistant Control S   |      |          |                  |   |
| 3393006         V-600-AA         1-1/4" (32 mm) x 9" (228 mm) CP Vacuum<br>Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum<br>Breaker           13.         0308676         H-550         CP Stop Coupling           14.         0308801         H-551-A         CP Adjustable Tailpiece 2-1/16" (52 mm long)<br>Standard Length*           15A.         5308696         H-553         O-ring – 24 per package           16.         3308386         H-700-A         1" (25 mm) CP Bak-Chek® Screwdriver Stop           0388141         H-700-A-RW 1" (25 mm) CP Bak-Chek® Screwdriver Stop         0388142           17.         3308856         H-543-ASD         Control Stop Repair Kit 1           3308856         H-543-ASD         Control Stop Repair Kit 2           18.         0308612         H-622         CP Bonnet 1           0308843         H-577         CP Bonnet 1         DISCONTINUED           19.         3308772         H-1010-A         Vandal Resistant Control Stop Cap Assembly 1           19.         3008843         H-573         Control Stop Cap CP 1           0308848         H-573         Control Stop Cap CP 1           0308847         H-1010-A         Vandal Resistant Control Stop Cap Assembly 1           H-600 3/4"         Stop only<  |      |          |                  |   |
| Breaker           3393007         V-600-AA         1-1/2" (38 mm) x 9" (228 mm) CP Vacuum<br>Breaker           13.         0308676         H-550         CP Stop Coupling           14.         0308801         H-551-A         CP Adjustable Tailpiece 2-1/16" (52 mm long)<br>Standard Length*           15A.         5308696         H-553         O-ring – 24 per package           16.         3308386         H-700-A         1" (25 mm) CP Bak-Chek® Screwdriver Stop           0388141         H-700-A-RW         1" (25 mm) CP Bak-Chek® Screwdriver Stop           0388142         H-700-A         3/4" (19 mm) CP Bak-Chek® Screwdriver Stop           0388142         H-700-A-RW         3/4" (19 mm) CP Bak-Chek® Screwdriver Stop           0388142         H-700-A-RW         3/4" (19 mm) CP Bak-Chek® Screwdriver Stop           17.         3308856         H-543-ASD         Control Stop Repair Kit *           18.         0308612         H-622         CP Bonnet *           0308843         H-577         CP Bonnet *         DiscontrulueD           19.         3308770         H-1010-A         Vandal Resistant Control Stop Cap Assembly *           14-600 3/4" Stop only         Uo9-A         Vandal Resistant Control Stop Cap Assembly *           19.         3308776 </th <th>12.</th> <th></th> <th></th> <th></th>  | 12.  |          |                  |   |
| Breaker           13.         0308676         H-550         CP Stop Coupling           14.         0308801         H-551-A         CP Adjustable Tailpiece 2-1/16" (52 mm long)<br>Standard Length*           15A.         5308696         H-553         O-ring – 24 per package           16B.         5308381         H-552         Locking Ring – 12 per package           16.         3308386         H-700-A         1" (25 mm) CP Bak-Chek* Screwdriver Stop           0388141         H-700-A-RW         1" (25 mm) CP Bak-Chek* Screwdriver Stop           0388142         H-700-A-RW         3/4" (19 mm) CP Bak-Chek* Screwdriver Stop           03088142         H-700-A-RW         3/4" (19 mm) CP Bak-Chek* Screwdriver Stop           17.         3308856         H-541-ASD         Control Stop Repair Kit †           3308856         H-543-ASD         Control Stop Repair Kit †           0308812         H-622         CP Bonnet †           0308843         H-577         CP Bonnet †           0308843         H-577         CP Bonnet *           0308843         H-573         Control Stop Cap CP *           0308848         H-573         Control Stop Cap CP *           0308848         H-574         Control Stop Cap With Bumper *           -(-YO Variation  |      |          |                  | Breaker   |
| 14.       0308801       H-551-A       CP Adjustable Tailpiece 2-1/16" (52 mm long)<br>Standard Length*         15A.       5308696       H-553       O-ring – 24 per package         15B.       5308381       H-552       Locking Ring – 12 per package         16.       3308386       H-700-A       1" (25 mm) CP Bak-Chek® Screwdriver Stop         0388141       H-700-A-RW       1" (25 mm) CP Bak-Chek® Screwdriver Stop         0388142       H-700-A-RW       3/4" (19 mm) CP Bak-Chek® Screwdriver Stop         0388143       H-541-ASD       Control Stop Repair Kit †         308856       H-543-ASD       Control Stop Repair Kit †         0308812       H-622       CP Bonnet †         0308814       H-577       CP Bonnet †         0308814       H-577       CP Bonnet †         0308814       H-577       CP Bonnet †         0308814       H-573       Control Stop Cap Assembly †         3308790       H-1010-A       Vandal Resistant Control Stop Cap Assembly †         3308790       H-1009-A       Vandal Resistant Control Stop Cap Assembly †         19.       3308790       H-1009-A       Vandal Resistant Control Stop Cap Assembly †         19.       3308738       H-573       Control Stop Cap CP †         0308843  |      | 3393007  | V-600-AA         |   |
| Standard Length*           15A.         5308696         H-553         O-ring – 24 per package           15B.         5308381         H-552         Locking Ring – 12 per package           16.         3308386         H-700-A         1" (25 mm) CP Bak-Chek® Screwdriver Stop           3308384         H-700-A-RW         1" (25 mm) CP Bak-Chek® Screwdriver Stop           3308384         H-700-A         3/4" (19 mm) CP Bak-Chek® Screwdriver Stop           3308385         H-541-ASD         Control Stop Repair Kit †           3308856         H-543-ASD         Control Stop Repair Kit †           3308856         H-622         CP Bonnet †           0308812         H-622         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308892         H-1010-A         Vandal Resistant Control Stop Cap Assembly †           3308790         H-1009-A         Vandal Resistant Control Stop Cap Assembly †           3308790         H-1009-A         Vandal Resistant Control Stop Cap Assembly †           4-600 3/4" Stop only         Soomrol Stop Cap CP †         Control Stop Cap CP †           0308484         H-582         Control Stop Cap With Extended Bumper †           (-YO Variation)   | 13.  | 0308676  | H-550            | CP Stop Coupling  |
| 15A.       5308696       H-553       0-ring – 24 per package         15B.       5308381       H-552       Locking Ring – 12 per package         16.       3308386       H-700-A       1" (25 mm) CP Bak-Chek® Screwdriver Stop         3308384       H-700-A-RW       1" (25 mm) CP Bak-Chek® Screwdriver Stop         3308384       H-700-A-RW       3/4" (19 mm) CP Bak-Chek® Screwdriver Stop         0388142       H-700-A-RW       3/4" (19 mm) CP Bak-Chek® Screwdriver Stop         038853       H-541-ASD       Control Stop Repair Kit †         3308856       H-543-ASD       Control Stop Repair Kit †         0308812       H-622       CP Bonnet †         0308843       H-577       CP Bonnet †         0308844       H-577       CP Bonnet *         0308870       H-1010-A       Vandal Resistant Control Stop Cap Assembly *         H-600 3/4" Stop only       Yandal Resistant Control Stop Cap Assembly *         H-600 3/4" Stop only       Yandal Resistant Control Stop Cap Assembly *         0308738       H-573       Control Stop Cap CP *         0308866       H-574       Control Stop Cap With Bumper *         (-Y0 Variation)       (-Y0 Variation)         22.       3308867       H-576       Control Stop Cap with Extended Bumper *  | 14.  | 0308801  | H-551-A          |   |
| 15B. <b>5308381</b> H-552       Locking Ring – 12 per package         16. <b>3308386</b> H-700-A       1" (25 mm) CP Bak-Chek® Screwdriver Stop <b>3308384</b> H-700-A-RW       1" (25 mm) CP Bak-Chek® Screwdriver Stop <b>3308384</b> H-700-A-RW       3/4" (19 mm) CP Bak-Chek® Screwdriver Stop <b>3308385</b> H-541-ASD       Control Stop Repair Kit † <b>3308856</b> H-543-ASD       Control Stop Repair Kit ‡ <b>18. 0308612</b> H-602       CP Bonnet ‡ <b>0308843</b> H-577       CP Bonnet ‡ <b>DISCONTINUED</b> 19. <b>3308772</b> H-1010-A       Vandal Resistant Control Stop Cap Assembly ‡         H-600 3/4" Stop only       H-600 3/4" Stop only       Stop only         20. <b>0308738</b> H-573       Control Stop Cap CP ‡         21. <b>308866</b> H-574       Control Stop Cap With Bumper †         (-YO Variation)       (-YO Variation)       Stases         22. <b>330875</b> H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw         Purple Flange (not shown) <b>3308768</b> H-636-AA       1" (25 mm) Sweat Solder Kit w/ Cast Set Screw         Sign (not shown) <b>3308788</b> H-636-AA       1" (25 mm) Sweat Solder Kit w/ C   | 15A. | 5308696  | H-553            |   |
| 16.       3308386       H-700-A       1" (25 mm) CP Bak-Chek® Screwdriver Stop         3308384       H-700-A-RW       1" (25 mm) CP Bak-Chek® Screwdriver Stop         3308384       H-700-A-RW       3/4" (19 mm) CP Bak-Chek® Screwdriver Stop         0388142       H-700-A-RW       3/4" (19 mm) CP Bak-Chek® Screwdriver Stop         0388142       H-700-A-RW       3/4" (19 mm) CP Bak-Chek® Screwdriver Stop         17.       3308856       H-541-ASD       Control Stop Repair Kit †         3308856       H-543-ASD       Control Stop Repair Kit ‡         18.       0308612       H-622       CP Bonnet †         0308892       H-608-RW       CP Bonnet †       0308892         19.       3308772       H-1010-A       Vandal Resistant Control Stop Cap Assembly †         19.       3308790       H-1009-A       Vandal Resistant Control Stop Cap Assembly *         19.       3308790       H-1009-A       Vandal Resistant Control Stop Cap Assembly *         19.       3308790       H-573       Control Stop Cap CP *         21.       3308866       H-574       Control Stop Cap CP *         21.       3308866       H-574       Control Stop Cap with Extended Bumper *         (-YG Variation)       23.       3388015       H-1015       Flow Con   |      |          |                  |   |
| 0388141         H-700-A-RW         1" (25 mm) CP Bak-Chek® Screwdriver Stop           3308384         H-700-A         3/4" (19 mm) CP Bak-Chek® Screwdriver Stop           0388142         H-700-A-RW         3/4" (19 mm) CP Bak-Chek® Screwdriver Stop           17.         3308853         H-541-ASD         Control Stop Repair Kit †           3308856         H-543-ASD         Control Stop Repair Kit ‡           18.         0308612         H-622         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308843         H-577         CP Bonnet †           0308843         H-577         CP Bonnet †           0308843         H-577         CP Bonnet *           0308843         H-577         CP Bonnet *           0308700         H-1010-A         Vandal Resistant Control Stop Cap Assembly *           H-600 3/4" Stop only         H-600 3/4" Stop only         H-600 3/4" Stop only           20.         0308738         H-573         Control Stop Cap CP *           21.         3308866         H-574         Control Stop Cap with Bumper *           (-YO Variation)         (-YO Variation)         23.           23         3388015         H-101   |      |          |                  |   |
| 3308384         H-700-A         3/4" (19 mm) CP Bak-Chek* Screwdriver Stop           0388142         H-700-A-RW         3/4" (19 mm) CP Bak-Chek* Screwdriver Stop           17.         3308853         H-541-ASD         Control Stop Repair Kit †           3308856         H-543-ASD         Control Stop Repair Kit †           18.         0308612         H-622         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308843         H-577         CP Bonnet *           0308843         H-577         CP Bonnet *           0308843         H-577         CP Bonnet *           030870         H-1010-A         Vandal Resistant Control Stop Cap Assembly *           H-600 3/4" Stop only         H-600 3/4" Stop only           20.         0308738         H-573         Control Stop Cap CP *           21.         3308866         H-574         Control Stop Cap with Bumper *           (-YO Variation)         (-YO Variation)         23.         3388015         H-1015           22.         3308736         H-634-AA-RW 1" (25 mm) Sweat So  | 10.  |          |                  |   |
| 0388142         H-700-A-RW         3/4" (19 mm) CP Bak-Chek* Screwdriver Stop           17.         3308853         H-541-ASD         Control Stop Repair Kit †           308856         H-543-ASD         Control Stop Repair Kit †           18.         0308612         H-622         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308843         H-577         CP Bonnet †           0308843         H-577         CP Bonnet †           0308892         H-1010-A         Vandal Resistant Control Stop Cap Assembly †           3308772         H-1010-A         Vandal Resistant Control Stop Cap Assembly †           3308790         H-1009-A         Vandal Resistant Control Stop Cap Assembly ‡           H-600 3/4" Stop only         Yati Stop only         Yati Stop only           20.         0308738         H-573         Control Stop Cap CP ‡           21.         3308866         H-574         Control Stop Cap With Bumper †           (-YO Variation)         (-YO Variation)         Yatiation)           22.         3308867         H-576         Control Kit (not Shown) (HEU Only)           23.         3388015         H-1015         Flow Control Kit (not Shown) (HEU   |      |          |                  | · · · · · · · · · · · · · · · · · · ·                   |
| 17.       3308853       H-541-ASD       Control Stop Repair Kit †         3308856       H-543-ASD       Control Stop Repair Kit †         18.       0308612       H-622       CP Bonnet †         0308892       H-608-RW       CP Bonnet †       0308892         0308892       H-608-RW       CP Bonnet †       0308892         19.       3308772       H-1010-A       Vandal Resistant Control Stop Cap Assembly †         3308790       H-1009-A       Vandal Resistant Control Stop Cap Assembly †         19.       3308790       H-1009-A       Vandal Resistant Control Stop Cap Assembly †         20.       0308738       H-573       Control Stop Cap CP †         0308848       H-582       Control Stop Cap CP †         0308848       H-582       Control Stop Cap CP †         0308848       H-574       Control Stop Cap with Bumper †         (-YO Variation)       Control Stop Cap with Extended Bumper †         22.       3308867       H-576       Control Kit (not Shown) (HEU Only)         23.       3388015       H-1015       Flow Control Kit (not Shown) (HEU Only)         24.       3308736       H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw         Purple Flange (not shown)       3308785       H-636-AA <t< th=""><th></th><th></th><th></th><th></th></t<>   |      |          |                  |   |
| 3308856         H-543-ASD         Control Stop Repair Kit ‡           18.         0308612         H-622         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308843         H-577         CP Bonnet †           0308843         H-577         CP Bonnet †           0308843         H-577         CP Bonnet †           0308872         H-1010-A         Vandal Resistant Control Stop Cap Assembly †           3308790         H-1009-A         Vandal Resistant Control Stop Cap Assembly †           4-600         3/4" Stop only         H-600 3/4" Stop only           20.         0308738         H-573         Control Stop Cap CP †           0308848         H-582         Control Stop Cap CP †           0308848         H-574         Control Stop Cap with Bumper †           (-YO Variation)         Control Stop Cap with Extended Bumper †           (-YO Variation)         Control Stop Cap with Extended Bumper †           (-YG Variation)         S308735         H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw           Purple Flange (not shown)         3308736         H-636-AA 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw           S308755         H-636-AA         1"   | 17   |          |                  |   |
| 18.         0308612         H-622         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308843         H-577         CP Bonnet †           0308843         H-577         CP Bonnet †           19.         3308772         H-1010-A         Vandal Resistant Control Stop Cap Assembly †           3308790         H-1009-A         Vandal Resistant Control Stop Cap Assembly †           4-600 3/4" Stop only         Yanga Resistant Control Stop Cap Assembly †           20.         0308738         H-573         Control Stop Cap CP †           0308848         H-582         Control Stop Cap CP †           0308866         H-574         Control Stop Cap with Bumper †           (-YO Variation)         Control Stop Cap with Extended Bumper †           22.         3308867         H-576         Control Kit (not Shown) (HEU Only)           23.         3388015         H-1015         Flow Control Kit (not Shown) (HEU Only)           24.         3308736         H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw           Purple Flange (not shown)         3308785         H-636-AA         1" (25 mm) Sweat Solder Kit w/ Cast S   | 17.  |          |                  |   |
| 0308892         H-608-RW         CP Bonnet †           0308892         H-608-RW         CP Bonnet †           0308843         H-577         CP Bonnet †           19.         3308772         H-1010-A         Vandal Resistant Control Stop Cap Assembly †           3308790         H-1009-A         Vandal Resistant Control Stop Cap Assembly †           4.600         3/4" Stop only           20.         0308738         H-573           Control Stop Cap CP †         0308848           0308848         H-582           Control Stop Cap CP †           0308866         H-574           Control Stop Cap with Bumper †           (-YO Variation)           22.         3308867           H-576         Control Stop Cap with Extended Bumper †           (-YG Variation)         (-YG Variation)           23.         3388015         H-1015           H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw           Purple Flange (not shown)         3308736           H-636-AA-RW 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw           Flange (not shown)         3308785           3308788         H-636-AA           1" (25 mm) Sweat Solder Kit w/ Cast Set Screw           Purple Flange (not shown)  | 10   |          |                  |   |
| 0308843         H-577         CP Bonnet * – DISCONTINUED           19.         3308772         H-1010-A         Vandal Resistant Control Stop Cap Assembly *           3308790         H-1009-A         Vandal Resistant Control Stop Cap Assembly *           H-600 3/4" Stop only         H-573         Control Stop Cap CP *           0308848         H-582         Control Stop Cap CP *           0308866         H-574         Control Stop Cap CP *           21.         3308866         H-574         Control Stop Cap With Bumper *           .(-YO Variation)         Control Stop Cap with Extended Bumper *         (-YO Variation)           22.         3308867         H-576         Control Stop Cap with Extended Bumper *           .(-YG Variation)         Elsew         Purple Flange (not shown)           23.         3388015         H-1015         Flow Control Kit (not Shown) (HEU Only)           24.         3308736         H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw           Purple Flange (not shown)         3308785         H-636-AA 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw           S308788         H-636-AA         3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw           Purple Flange (not shown)         3308788         H-636-AA  | 10.  |          |                  |   |
| <ul> <li>19. 3308772 H-1010-A Vandal Resistant Control Stop Cap Assembly †<br/>3308790 H-1009-A Vandal Resistant Control Stop Cap Assembly †<br/>H-600 3/4" Stop only</li> <li>20. 0308738 H-573 Control Stop Cap CP †<br/>0308848 H-582 Control Stop Cap CP †</li> <li>21. 3308866 H-574 Control Stop Cap with Bumper †<br/>(-YO Variation)</li> <li>22. 3308867 H-576 Control Stop Cap with Extended Bumper †<br/>(-YG Variation)</li> <li>23. 3388015 H-1015 Flow Control Kit (not Shown) (HEU Only)</li> <li>24. 3308736 H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw<br/>Purple Flange (not shown)</li> <li>3308785 H-636-AA 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw<br/>Purple Flange (not shown)</li> <li>3308788 H-636-AA 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw</li> </ul>   |      | 0300092  | 11-000-111       | GF DUILIEL  |
| 3308790       H-1009-A       Vandal Resistant Control Stop Cap Assembly *         H-600 3/4" Stop only       H-573       Control Stop Cap CP *         0308738       H-573       Control Stop Cap CP *         21.       3308866       H-574       Control Stop Cap with Bumper *         22.       3308867       H-576       Control Stop Cap with Extended Bumper *         23.       3388015       H-1015       Flow Control Kit (not Shown) (HEU Only)         24.       3308736       H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)         3308786       H-636-AA-RW 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw Flange (not shown)         3308788       H-636-AA       3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)  |      | 0308843  | H-577            | CP Bonnet <sup>‡</sup> – <b>DISCONTINUED</b>            |
| H-600 3/4" Stop only           20.         0308738         H-573         Control Stop Cap CP †           0308848         H-582         Control Stop Cap CP †           21.         3308866         H-574         Control Stop Cap with Bumper †           22.         3308867         H-576         Control Stop Cap with Extended Bumper †           23.         3388015         H-1015         Flow Control Kit (not Shown) (HEU Only)           24.         3308736         H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)           3308736         H-636-AA-RW 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw Flange (not shown)           3308785         H-636-AA         1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)           3308788         H-636-AA         3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw   | 19.  | 3308772  | H-1010-A         | Vandal Resistant Control Stop Cap Assembly <sup>+</sup> |
| 0308738         H-573         Control Stop Cap CP †           0308848         H-582         Control Stop Cap CP ‡           21.         3308866         H-574         Control Stop Cap with Bumper †           (-YO Variation)         (-YO Variation)           22.         3308867         H-576         Control Stop Cap with Extended Bumper †           (-YG Variation)         (-YG Variation)         (-YG Variation)           23.         3388015         H-1015         Flow Control Kit (not Shown) (HEU Only)           24.         3308735         H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)           3308736         H-636-AA-RW 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw Flange (not shown)           3308785         H-636-AA         1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)           3308788         H-636-AA         3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw  |      | 3308790  |                  | Vandal Resistant Control Stop Cap Assembly <sup>‡</sup> |
| 0308848         H-582         Control Stop Cap CP ‡           21.         3308866         H-574         Control Stop Cap with Bumper †<br>(-YO Variation)           22.         3308867         H-576         Control Stop Cap with Extended Bumper †<br>(-YG Variation)           23.         3388015         H-1015         Flow Control Kit (not Shown) (HEU Only)           24.         3308735         H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw<br>Purple Flange (not shown)           3308736         H-636-AA-RW 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw<br>Flange (not shown)           3308785         H-636-AA           3308788         H-636-AA           3308788         H-636-AA   | 20   | 0308738  | H-573            |   |
| 21. <b>3308866</b> H-574       Control Stop Cap with Bumper †<br>(-YO Variation)         22. <b>3308867</b> H-576       Control Stop Cap with Extended Bumper †<br>(-YG Variation)         23. <b>3388015</b> H-1015       Flow Control Kit (not Shown) (HEU Only)         24. <b>3308735</b> H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw<br>Purple Flange (not shown) <b>3308736</b> H-636-AA-RW 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw<br>Flange (not shown) <b>3308785</b> H-636-AA       1" (25 mm) Sweat Solder Kit w/ Cast Set Screw<br>Purple Flange (not shown) <b>3308788</b> H-636-AA       3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw  | 20.  |          |                  |   |
| 22.       3308867       H-576       Control Stop Cap with Extended Bumper †<br>(-YG Variation)         23.       3388015       H-1015       Flow Control Kit (not Shown) (HEU Only)         24.       3308735       H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw<br>Purple Flange (not shown)         3308736       H-636-AA-RW 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw<br>Flange (not shown)         3308785       H-636-AA         1" (25 mm) Sweat Solder Kit w/ Cast Set Screw<br>Purple Flange (not shown)         3308788       H-636-AA         3308788       H-636-AA         3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw  | 21.  |          |                  | Control Stop Cap with Bumper †                          |
| 23.       3388015       H-1015       Flow Control Kit (not Shown) (HEU Only)         24.       3308735       H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)         3308736       H-636-AA-RW 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw Flange (not shown)         3308785       H-636-AA         1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)         3308786       H-636-AA         1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)         3308788       H-636-AA         3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw  | 22.  | 3308867  | H-576            | Control Stop Cap with Extended Bumper †                 |
| <ul> <li>3308735 H-634-AA-RW 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw<br/>Purple Flange (not shown)</li> <li>3308736 H-636-AA-RW 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw<br/>Flange (not shown)</li> <li>3308785 H-636-AA 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw<br/>Purple Flange (not shown)</li> <li>3308788 H-636-AA 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw</li> </ul>   | 23   | 3388015  | H-1015           |   |
| Purple Flange (not shown)         3308736       H-636-AA-RW 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw Flange (not shown)         3308785       H-636-AA       1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)         3308788       H-636-AA       3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw  |      |          |                  |   |
| <ul> <li>3308736 H-636-AA-RW 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw Flange (not shown)</li> <li>3308785 H-636-AA 1" (25 mm) Sweat Solder Kit w/ Cast Set Screw Purple Flange (not shown)</li> <li>3308788 H-636-AA 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw</li> </ul>  | ∠+.  | 0000100  |                  |   |
| Flange (not shown)         3308785       H-636-AA       1" (25 mm) Sweat Solder Kit w/ Cast Set Screw         Purple Flange (not shown)         3308788       H-636-AA       3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw  |      | 2200700  | 1 0              |   |
| 3308785H-636-AA1" (25 mm) Sweat Solder Kit w/ Cast Set Screw<br>Purple Flange (not shown)3308788H-636-AA3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw   |      | 3308/36  |                  |   |
| Purple Flange (not shown)           3308788         H-636-AA         3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw  |      |          | 0 (              | ,   |
| <b>3308788</b> H-636-AA 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw   |      | 3308785  |                  |   |
|   |      |          |                  | · · · · · · · · · · · · · · · · · · ·                   |
| Flange (not shown)  |      | 3308788  |                  | 3/4" (19 mm) Sweat Solder Kit w/ Cast Set Screw         |
|   |      |          | Flange (not sh   | nown)   |

# **Royal® Flushometer**

#### **DUAL-FILTERED DIAPHRAGM ASSEMBLY**

Available in diaphragm only and Royal® Performance™ Kits.

Royal® Performance™ Kit includes dual-filtered diaphragm assembly (item 3), handle repair kit with triple seal packing (item 8), high back pressure vacuum breaker repair kit (item 11), and one tailpiece O-ring (item 15A). DIAPHRAGM ONLY KIT contains "drop-in" dual-filtered diaphragm assembly (item 3) ONLY.

The dual-filtered diaphragm can be used in Royal,® Regal,® and similar diaphragm-style valve bodies. For use in Sloan valve bodies with a bellshaped cover (manufactured before 1964), replace the bottom filter ring in these kits with a blue A-108 filter ring (not shown Sloan Code No. 5301283).

NOTE: In January 1998, the Royal® diaphragm design was upgraded to a preassembled unit with two (2) plastic filtering rings attached to the rubber diaphragm (one on top and one on bottom). If the flushometer you are servicing has our older, segmented diaphragm with brass by-pass hole, refer to our Regal section for additional troubleshooting information.



### **ROYAL® PERFORMANCE KIT**

| art No. | Description  | Relief<br>Valve <sup>+</sup>  | Refill<br>Head*   | Flow<br>Ring  |
|---------|--|---|---|---|
| -1101-A | Low Consumption Water Closets-1.6 gpf (6.0 Lpf)**                  | Green   | Gray  | Smooth  |
| -1102-A | Water Saver Water Closets-3.5 gpf (13.2 Lpf)**                     | White   | Gray  | Smooth  |
| -1103-A | 9 Liter European Water Closets-2.4 gpf (9.0 Lpf)                   | Blue  | Gray  | Smooth  |
| -1106-A | Wash Down Urinals-0.5 gpf (1.9 Lpf)                                | Green   | Black   | Smooth  |
| -1107-A | Low Consumption Urinals-1.0 gpf (3.8 Lpf)**                        | Green   | Black   | Slotted   |
| -1108-A | Water Saver Urinals-1.5 gpf (5.7 Lpf)**                            | Black   | Black   | Smooth  |
|         | 1101-A<br>1102-A<br>1103-A<br>1106-A<br>1106-A<br>1107-A<br>1108-A | 1101-ALow Consumption Water Closets-1.6 gpf (6.0 Lpf)**1102-AWater Saver Water Closets-3.5 gpf (13.2 Lpf)**1103-A9 Liter European Water Closets-2.4 gpf (9.0 Lpf)1106-AWash Down Urinals-0.5 gpf (1.9 Lpf)1107-ALow Consumption Urinals-1.0 gpf (3.8 Lpf)** | 1101-ALow Consumption Water Closets-1.6 gpf (6.0 Lpf)**Green1102-AWater Saver Water Closets-3.5 gpf (13.2 Lpf)**White1103-A9 Liter European Water Closets-2.4 gpf (9.0 Lpf)Blue1106-AWash Down Urinals-0.5 gpf (1.9 Lpf)Green1107-ALow Consumption Urinals-1.0 gpf (3.8 Lpf)**Green1108-AWater Saver Urinals-1.5 gpf (5.7 Lpf)**Black | 1101-A       Low Consumption Water Closets-1.6 gpf (6.0 Lpf)**       Green       Gray         1102-A       Water Saver Water Closets-3.5 gpf (13.2 Lpf)**       White       Gray         1103-A       9 Liter European Water Closets-2.4 gpf (9.0 Lpf)       Blue       Gray         1106-A       Wash Down Urinals-0.5 gpf (1.9 Lpf)       Green       Black         1107-A       Low Consumption Urinals-1.0 gpf (3.8 Lpf)**       Green       Black         1108-A       Water Saver Urinals-1.5 gpf (5.7 Lpf)**       Black       Black |

slots than urinal refill heads (bla

#### DIAPHRAGM ONLY KIT

LOW

The colors of the relief valve and the refill head plus the shape of flow ring identify the flush volume of a DUAL-FILTERED DIAPHRAGM

ASSEMBLY

| Code No. | Part No.    | Description  | Relief<br>Valve <sup>†</sup> | Refill<br>Head* | Flow<br>Ring     |
|----------|-------------|--|------------------------------|-----------------|------------------|
| 3301502  | A-1041-A    | Low Consumption Water Closets-1.6 gpf (6.0 Lpf)**              | Green                        | Gray            | Smooth           |
| 3301501  | A-1038-A    | Water Saver Water Closets-3.5 gpf (13.2 Lpf)**                 | White                        | Gray            | Smooth           |
| 3301505  | A-1044-A    | 9 Liter European Water Closets-2.4 gpf (9.0 Lpf)               | Blue                         | Gray            | Smooth           |
| 3301504  | A-1043-A    | Wash Down Urinals-0.5 gpf (1.9 Lpf)                            | Green                        | Black           | Smooth           |
| 3301503  | A-1042-A    | Low Consumption Urinals-1.0 gpf (3.8 Lpf)**                    | Green                        | Black           | Slotted          |
| 3301500  | A-1037-A    | Water Saver Urinals-1.5 gpf (5.7 Lpf)**                        | Black                        | Black           | Smooth           |
| 3301506  | A-1045-A    | High-Efficiency Water Closets-1.28 gpf (4.8 Lpf)               | Blue                         | Gray            | Smooth           |
| 3301142  | A-1047-A    | High-Efficiency Urinals-0.25 gpf (1.0 Lpf) with White Inserts  | White                        | HEU Black       | Smooth           |
| 3301143  | A-1050-A    | High-Efficiency Urinals-0.125 gpf (0.5 Lpf) with White Inserts | Blue                         | HEU Black       | Smooth           |
| 3301594  | A-1075-A-B> | K High-Efficiency Water Closets-1.28 gpf (4.8 Lpf) RW          | Blue                         | Black           | Smooth           |
| 3301592  | A-1073-A-B> | K High-Efficiency Urinals-0.5 gpf (1.9 Lpf) RW                 | Green                        | Black           | Smooth + Slotted |
| 3301591  | A-1077-A-B  | K High-Efficiency Urinals-0.25 gpf (1.0 Lpf) RW                | White                        | HEU Black       | Smooth           |
| 3301590  | A-1070-A-B  | K High-Efficiency Urinals-0.125 gpf (0.5 Lpf) RW               | Blue                         | HEU Black       | Smooth           |
|          |             |  |                              |                 |                  |

+ Consult factory for availability of replacement plastic relief valves (green, black, blue, and white) and brass relief valves.

NOTE: For older water closets that require 4.5 gpf (17.0 Lpf), choose kits A-1102-A or A-1038-Á, but remove the flow ring before use. For blowout-style urinals that require 3.5 gpf (13.2 Lpf), choose kits A-1102-A or A-1038-A. For service sinks that require 6.5 gpf (24.6 Lpf), order A-36-A diaphragm repair kit (not shown Sloan Code No. **3301036**) and remove the flow ring before use. Regulations for low consumption fixtures prohibit the use of higher flush volumes.

\*Closet refill heads (gray) have larger slots than urinal refill Heads (black).

\*\* Water Saver (3.5 gpf closet and 1.5 gpf urinal) and Low Consumption (1.6 gpf closet and 1.0 gpf urinal) fixtures must use matching gpf (Lpf) diaphragm kits; using a smaller gpf (Lpf) kit in fixtures not intended for less volume will result in inadequate dilution in urinals and improper evacuation in closets.

BW for use with Reclaimed Water Flushometers.

# Royal® Flushometer

#### **TROUBLESHOOTING GUIDE**

**ATTENTION INSTALLERS:** With the exception of the control stop inlet, **DO NOT USE** pipe sealant or plumbing grease on any valve component or coupling! To protect the chrome or special finish of Sloan flushometers, **DO NOT USE** toothed tools to install or service these valves. Use our A-50 Super-Wrench or other smooth-jawed wrench to secure couplings. Regulations for low consumption fixtures (1.6 gpf/6.0 Lpf closets and 1.0 gpf/3.8 Lpf urinals) prohibit use of higher flush volumes.

#### 1. Flushometer does not function (no flush).

- A. Control stop or main supply valve is closed. Open control stop or main supply valve.
- B. Handle assembly is damaged. Replace B-73-A handle or repair with B-51-A handle repair kit.
- C. Relief valve is damaged. Replace relief valve.

#### 2. Handle leaks.

A. Handle seal or handle assembly is damaged. Replace B-73-A handle or repair with B-51-A handle repair kit.

### 3. Water splashes from fixture.

- A. Control stop is open wider than necessary. Adjust control stop for desired delivery of water volume.
- B. Water saver/conventional diaphragm assembly is installed on low consumption fixture or closet diaphragm assembly is installed on urinal fixture. Determine the required flush volume (see label on valve or markings on fixture). Replace diaphragm assembly or relief valve for appropriate flush volume of fixture.

#### 4. Volume of water is insufficient to adequately siphon fixture.

- A. Control stop is not open wide enough. Adjust control stop for desired delivery of water volume.
- B. Diaphragm assembly is damaged. Replace diaphragm assembly.
- C. Low consumption diaphragm assembly is installed on water saver/ conventional fixture or urinal diaphragm assembly is installed on closet fixture. Determine the required flush volume (see label on valve or markings on fixture). Replace diaphragm assembly or relief valve for appropriate flush volume of fixture.
- D. Inadequate water volume or pressure is available from supply. Increase flow rate or pressure to the valve. If gauges are not available to measure supply pressure/volume, remove relief valve from diaphragm assembly and open the control stop.

If the fixture siphons: Additional water volume is required. Install higher flushing volume relief valve or diaphragm assembly or cut flow ring from guide. **IMPORTANT: LAWS AND REGULATIONS PROHIBIT THE USE OF HIGHER FLUSHING VOLUMES THAN LISTED ON FIXTURE OR FLUSHOMETER.** 

If the fixture **DOES NOT** siphon (or a low consumption flush is required): Additional steps must be taken to increase the water pressure and/or volume at the water supply. Contact fixture manufacturer for minimum supply requirements of fixture.

#### 5. Flushometer valve closes immediately (short flush).

- A. Worn or damaged diaphragm assembly. Replace diaphragm assembly.
- B. Handle assembly is damaged. Replace B-73-A handle or repair with B-51-A handle repair kit.
- C. Low consumption diaphragm assembly is installed on water saver/ conventional fixture or urinal diaphragm assembly is installed on closet fixture. Determine the required flush volume (see label on valve or markings on fixture). Replace relief valve or diaphragm assembly for appropriate flush volume of fixture.

#### 6. Length of flush is too long (long flush) or fails to shut off.

- A. Bypass hole (upper filter ring) of diaphragm assembly is dirty. Remove the diaphragm assembly. Disassemble the filter rings from the diaphragm, wash under running water, and reassemble. Replace as necessary.
- B. Relief valve or diaphragm assembly is damaged. Replace relief valve or diaphragm assembly.
- C. Water saver/conventional diaphragm assembly is installed on low consumption fixture or closet diaphragm assembly is installed on urinal fixture. Determine the required flush volume (see label on valve or markings on fixture). Replace diaphragm assembly or relief valve for appropriate flush volume of fixture.
- D. Inside cover is damaged. Install new A-71 part.
- E. Line water pressure dropped and is insufficient to close valve. Close the control stop until pressure is restored.
- F. Relief valve is not seated properly. Disassemble diaphragm components (relief valve, filter rings, and diaphragm unit), wash under running water, and reassemble. Replace as necessary.

#### 7. Chattering noise is heard during flush.

- A. Inside cover is damaged. Install new A-71 part.
- B. Relief valve or diaphragm assembly is damaged. Replace relief valve or diaphragm assembly.

### CARE AND CLEANING INSTRUCTIONS

**DO NOT USE** abrasive or chemical cleaners to clean flushometers that may dull the luster and attack the chrome or decorative finish. Use **ONLY** mild soap and water, then wipe dry with a clean towel or cloth. When cleaning the bathroom tile, protect the flushometer from any splattering of cleaner. Acids and cleaning fluids can discolor or remove chrome plating.

When assistance is required, please contact Sloan Technical Support at: 1-888-SLOAN-14 (1-888-756-2614).