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# Adjustment Instructions and Parts List for the HFP Valve

## Model No. S90-252 HFP
## Model No. E90-252HFP

### HFP Valve Adjustment Instructions

*NOTE: Refer to the illustration and parts list on page 2.*

1. Turn off the water supply to the HFP valve.
2. Insert a 3/16” hex wrench into the broached/hex end of the lifting stem (Item 8).
3. Holding the lifting stem (Item 8) in place, back off the stop nut (Item 21).
4. Back off the bar nut (Item 19) by turning the handle assembly (Item 1).
5. Tighten the bonnet nut (Item 3).
6. Run the bar nut (Item 19) down by turning the handle assembly (Item 1) until the bar nut sits on the stainless steel washer (Item 2). Then back off the bar nut approximately 1/4" turn until the handle assembly returns to its original position.
7. Tighten the stop nut (Item 21) down on the bar nut (Item 19).
8. Open the water supply line to the unit. Test for leaks and adequate water flow.

### Troubleshooting Instructions for Valve Leakage

*NOTE: Through normal daily usage the valve may begin to leak. If leakage occurs, follow the procedure outlined below (refer to the illustration and parts list on page 2):*

1. Turn off the water supply to the HFP valve.
2. Loosen the bonnet nut (Item 3) only. DO NOT loosen the stop nut (Item 21) or the bar nut (Item 19).
3. Remove the bonnet nut (Item 3) and handle assembly (Item 1) to expose the lifting stem (Item 8).
4. Check the condition of the faucet washer (Item 14) at the end of the lifting stem (Item 8). If the faucet washer is scored or worn, replace it with a new one.
5. If the faucet washer (Item 14) is undamaged, or after replacing the faucet washer, re-insert the lifting stem (Item 8) into the casing pipe (Item 7). Care must be taken to make sure the guide (Item 10) does not get hung up as the lifting stem is lowered.
6. Hand tighten the bonnet nut (Item 3).
7. Open the water supply line to the unit. Test for leaks and adequate water flow.

Bradley S19-220HFP12 Eyewash Station Frost Proof Wall
Bradley S19-220HFP18 Eyewash Station Frost Proof Wall
Bradley S19-220HFP8 Eyewash Station Frost Proof Wall Mount



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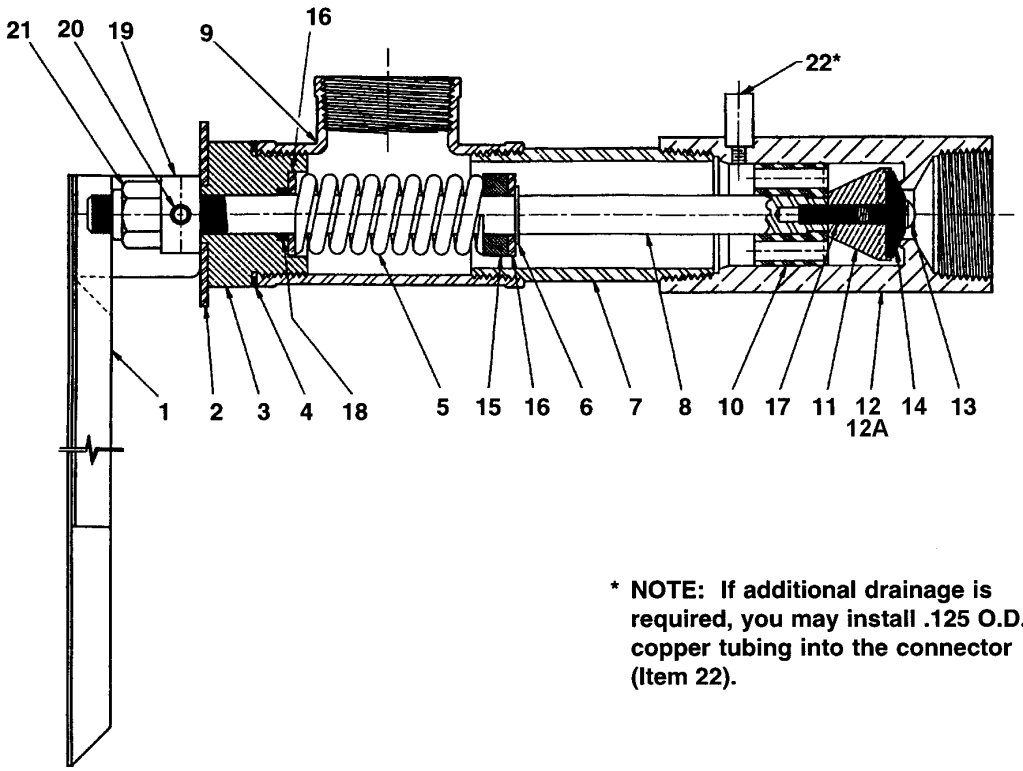
# HFP Valve Parts Breakdown




*** NOTE: If additional drainage is required, you may install .125 O.D. copper tubing into the connector (Item 22).**

| Item | Part No. | Qty | Description |
|---|---|---|---|
| 1 | S08-040 | 1 | HANDLE ASSY. |
| 2 | 142-002BB | 1 | STN. STL. WASHER |
| 3 | 110-108 | 1 | BONNET NUT |
| 4 | 124-001BS | 1 | GASKET |
| 5 | 135-001AP | 1 | SPRING |
| 6 | 132-012 | 1 | RETAINING RING |
| 7 | 113-772 | 1 | CASING PIPE (18" BURY DEPTH) |
| 7 | 113-773 | 1 | CASING PIPE (3' BURY DEPTH) |
| 7 | 113-774 | 1 | CASING PIPE (4' BURY DEPTH) |
| 7 | 113-775 | 1 | CASING PIPE (5' BURY DEPTH) |
| 7 | 113-776 | 1 | CASING PIPE (6' BURY DEPTH) |
| 7 | 113-987 | 1 | CASING PIPE (3' EUROPE) |
| 8 | 120-022K | 1 | LIFTING STEM (18" BURY DEPTH) |
| 8 | 120-022D | 1 | LIFTING STEM (3' BURY DEPTH) |
| 8 | 120-022E | 1 | LIFTING STEM (4' BURY DEPTH) |
| 8 | 120-022F | 1 | LIFTING STEM (5' BURY DEPTH) |
| 8 | 120-022G | 1 | LIFTING STEM (6' BURY DEPTH) |

| Item | Part No. | Qty | Description |
|---|---|---|---|
| 8 | 120-022L | 1 | LIFTING STEM (3' EUROPE) |
| 9 | 169-727A | 1 | TEE |
| 10 | 145-072 | 1 | GUIDE |
| 11 | 132-011 | 1 | RETAINER |
| 12 | 118-246 | 1 | VALVE BODY ASSY. |
| 12A | 118-246B | 1 | VALVE BODY ASSY. EUROPE |
| 13 | 160-138 | 1 | MACHINE SCREW |
| 14 | 169-920 | 1 | FAUCET WASHER |
| 15 | 182-061 | 1 | SPACER |
| 16 | 142-002CC | 3 | WASHER |
| 17 | 160-251 | 1 | SCREW STUD |
| 18 | 125-001CD | 1 | O-RING |
| 19 | 110-109 | 1 | BAR NUT |
| 20 | 165-038 | 2 | ROLL PIN |
| 21 | 161-061 | 1 | STOP NUT |
| 22 | 169-890 | 1 | CONNECTOR |



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