**IMPORTANT** INSTALLATION INSTRUCTIONS

The Style 5177 with 3 1/2" swivel must be locked in place as follows:

1. Thread the nozzle onto the monitor outlet.
2. Rotate the motor into required location.
3. Tighten the socket head set screw in the side of the swivel using a 3/16" hex wrench.
4. Plug in motor connector.

**MAXIMUM OPERATING PRESSURE**: 200 PSI.

**FLOW RATING**: 250-1000 OR 250-1250 GPM AT 80 PSI.

**WARNING:**

The electrical control system must incorporate a current limiting circuitry set for a minimum of 3 amps for 12 volts (1.5 amps for 24 volts). Without circuitry set, motor may become inoperable if stalled during operation.

**ASSEMBLY NOTES:**

- USE PARKER O-LUBE ON ALL O-RINGS AND MATING SURFACES UNLESS OTHERWISE NOTED.
- USE PERMABOND #LM-113 OR LOCTITE #222.
- USE PRIMER T AND PERMABOND HH120 OR LOCTITE 277.
- TORQUE TO 35-45 IN-LBS.
- USE LOW-TEMP LUBRIPLATE.
- GREASE BODY FACE (ITEM #12) AND O-RING (ITEM #21) WITH PARKER O-LUBE.
- TIGHTEN CONE POINT SET SCREW BETWEEN TWO BALL BEARINGS UNTIL IT BOTTOMS OUT IN SWIVEL PLUG HOLE (SWIVEL SHOULD BE FIXED). THEN BACK OUT APPROX. 1 TURN UNTIL SWIVEL TURNS SMOOTHLY. THEN, STAKE THE FIRST THREAD TO PREVENT SCREW FROM BACKING OUT.
- CENTER A BALL IN THE LOADING HOLE. SCREW IN SET SCREW UNTIL IT MAKES CONTACT WITH THE BALL. BACK OUT SET SCREW "SLIGHTLY" UNTIL SPINDEL MOVES FREELY.
- DIMPLE AT ASSEMBLY.
- WATER MUST BE ABLE TO DRAIN BETWEEN BAFFLE CUP (ITEM "1") AND THROAT (ITEM "27") WHEN ASSEMBLED. IF THE BAFFLE CUP IS TIGHT AGAINST THE THROAT, ADD A SECOND SHIM (ITEM "59"). (A PIECE OF PAPER SHOULD BE ABLE TO SLIDE BETWEEN THE BAFFLE CUP AND THROAT).
- DO NOT OVERTIGHTEN.
- APPLY PERMABOND 113 OR LOCTITE 222 ALONG SHAFT IN AREA WHERE NUT WILL BE INSTALLED. WIPE OFF EXCESS AFTER ASSEMBLING NUT.
- THOROUGHLY CLEAN THREADS OF PLUG AND MATING PART AND APPLY LOCTITE 425.

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**TECHNICAL SERVICE PARTS**

**STYLE 5177**

**PRODUCT 1250 GPM ELECTRIC AKROMATIC**

**DESCRIPTION**

1. **BAFFLE ASSEMBLY - 1250GPM**
   - Item: 51600001
   - QTY: 1

2. **BAFFLE ASSEMBLY - 500GPM**
   - Item: 51600045
   - QTY: 1

3. **BAFFLE ASSEMBLY - 750GPM**
   - Item: 765008
   - QTY: 1

4. **BAFFLE ASSEMBLY - 1000GPM**
   - Item: 51600002
   - QTY: 1

5. **NUT HEX NYLON 1/2-13**
   - Item: 120054
   - QTY: 1

6. **SWIVEL - 2 1/2”**
   - Item: 101420
   - QTY: 1

7. **SWIVEL - 3 1/2”**
   - Item: 109625
   - QTY: 1

8. **BALL STAINLESS STEEL 1/4”OD (2 1/2” SWIVEL)**
   - Item: 765186
   - QTY: 1

9. **BALL STAINLESS STEEL 1/4”OD (3 1/2” SWIVEL)**
   - Item: 765154
   - QTY: 1

10. **PLUG SWIVEL**
    - Item: -
    - QTY: -

11. **GASKET (2 1/2” SWIVEL)**
    - Item: -
    - QTY: -

12. **GASKET (3 1/2” SWIVEL)**
    - Item: -
    - QTY: -

13. **SLEEVE PATTERN**
    - Item: 126552
    - QTY: 1

14. **O-RING 2-149 (3 1/2” SWIVEL)**
    - Item: -
    - QTY: -

15. **O-RING 2-344**
    - Item: -
    - QTY: -

16. **THROAT**
    - Item: 119703
    - QTY: 1

17. **SHAVER STREAM**
    - Item: 119705
    - QTY: 1

18. **C, O-RING 2-235**
    - Item: -
    - QTY: -

19. **SCREW SOCKET HEAD CONE POINT SET 1/4-20 x 1/2”**
    - Item: 765186
    - QTY: 38

20. **BAND ID 1000GPM @ 80PSI**
    - Item: 704787
    - QTY: 1

21. **BAND ID 1250GPM @ 80PSI**
    - Item: 704787
    - QTY: 1

22. **TAG CE**
    - Item: 773356
    - QTY: 1

23. **SHIM**
    - Item: -
    - QTY: 2

24. **SCREW ALLEN HEAD CUP POINT SET 1/4-20 x 3/16”**
    - Item: 765008
    - QTY: 1

25. **C, O-RING 2-244**
    - Item: -
    - QTY: -

26. **HOUSING PATTERN ACTUATOR**
    - Item: 119498
    - QTY: 1

27. **12V MOTOR ASSEMBLY WITH SPEED CLIP**
    - Item: 50770028
    - QTY: 1

28. **24V MOTOR ASSEMBLY WITH SPEED CLIP**
    - Item: 50770029
    - QTY: 1

29. **12V MOTOR ASSEMBLY WITH DEUTSCH CONNECTOR**
    - Item: 33560006
    - QTY: 1

30. **24V MOTOR ASSEMBLY WITH DEUTSCH CONNECTOR**
    - Item: 33560008
    - QTY: 1

31. **O-RING 2-015**
    - Item: -
    - QTY: -

32. **WORM PATTERN ACTUATOR**
    - Item: -
    - QTY: -

33. **COLLAR OVERRIDE**
    - Item: 119500
    - QTY: 1

34. **PIN ROLL 1/16” x 3/8”**
    - Item: -
    - QTY: -

35. **O-RING 2-118**
    - Item: -
    - QTY: -

36. **O-RING 2-029**
    - Item: -
    - QTY: -

37. **D, PIN ROLL 1/8” x 1/2”**
    - Item: 744288
    - QTY: 1