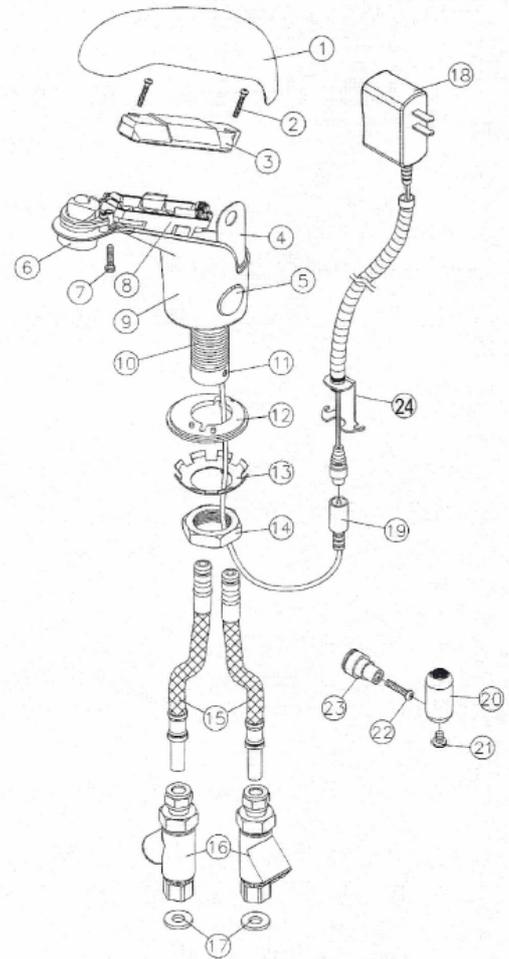


# INSTALLATION INSTRUCTIONS

## Hydrotek Mixing Automatic Faucet w/ Manual Control (AC Powered)

Model H-5000EM

1. Prior to installing this faucet, thoroughly flush all water lines and replace stop washers, if necessary.
2. To ensure proper operation, " DRY TEST " the faucet by plugging the Power Adapter (18) into a wall outlet and connecting the Power Adapter output lead to the faucet Input Wire Lead (19). The faucet should immediately perform a self-adjustment and diagnostic function. If you see the indicator light flash and hear a clicking sound, proceed to the next step. If there is no flash of light or clicking sound, recheck power source and connections.
3. Unplug Power Adapter (18) from the wall outlet. Disconnect the Power Adapter output lead from the faucet's AC Input Lead (19).
4. Rotate the Supply Tube Locking Screw (11) fully clockwise. Insert the ends of both Supply Tubes (15) (with O-rings) fully into the bottom of the Mounting Rod (10) by twisting and pushing until properly seated. Rotate Supply Tube Locking Screw (11) counter-clockwise until the red indicator marking on the Locking Screw is at its closest position to the red indicator marking on the Mounting Rod. This is necessary to ensure that the Supply Tubes have been properly locked into the Mounting Rod.
5. Install In-Line Filters (16) onto stop valves using Nylon Washers (17).
6. Unscrew the Mounting Nut (14) from the Mounting Rod (10) and completely remove both the Mounting Nut (14) and the Star Locking Washer (13).
7. From above the deck, carefully feed the faucet's AC Input Lead (19), Supply Tubes (15), and Mounting Rod (10) into the deck mounting hole and seat the faucet in the correct mounting location.
8. From below the deck, feed the AC Input Lead (19) and Supply Tubes (15) through the keyed Star Locking Washer (13) and Mounting Nut (14). Slide the Locking Washer and Mounting Nut up onto the Mounting Rod (10) and tighten Mounting Nut on the Mounting Rod to securely lock faucet to the deck.
9. Connect the Supply Tubes (15) to the In-Line Filter compression fittings (16) and securely tighten.
10. Attach Armored Cable Bracket (24) to the bottom of the Mounting Rod (10) using the existing Mounting Rod screws.
11. Connect the Power Adapter (18) output lead to the faucet's AC Input Connector (19). Plug the Power Adapter into the electrical wall outlet.
12. Turn water on and check for leaks. Place your hands under the faucet spout to activate water flow. Remove hands and water should stop.
13. To adjust the temperature in internal adjustment mode, open the faucet body's Top Cover (1) and remove the Lock for V.R. Access Cover (4) and the V.R. Access Cover (5) from the faucet body. Temperature Adjustment slotted shaft will now be exposed in the body opening. With a flat-bladed screwdriver, rotate the shaft clockwise for cooler temperature, or counter-clockwise for warmer water temperature. Replace the Access Cover and Access Cover Lock when done.
14. To install the faucet's external adjustor handle, open the faucet body Top Cover (1) and remove the Lock for V.R. Access Cover (4) and the V.R. Access Cover (5) from the faucet body. The Temperature Adjustment Shaft will now be exposed in the body opening.
15. Install the Mix Shaft Extender (23) on the Temperature Adjustment Shaft and secure with the Screw (22).
16. Attach Adjustor Handle (20) to the Shaft Extender (23) with the Screw (21).
17. To externally adjust the temperature, rotate the Adjustor Handle clockwise for cooler temperature, or counter-clockwise for warmer water temperature.
18. To turn faucet on manually, pull Adjustor Handle (20) out, from the faucet body. Push handle in, toward the faucet body to shut off water



| Part Number Descriptions          |                                  |
|-----------------------------------|----------------------------------|
| 1. Top cover                      | 13. Star locking washer          |
| 2. Screws (2)                     | 14. Mounting nut                 |
| 3. Inside cover                   | 15. Supply tube (2)              |
| 4. Lock for V.R. Access cover     | 16. In-line filter (2)           |
| 5. V.R. Access cover              | 17. Nylon washer (2)             |
| 6. Aerator                        | 18. Plug-in power adapter        |
| 7. V.R. Screw for top cover       | 19. AC input connector           |
| 8. PCB                            | 20. Adjustor handle              |
| 9. Faucet body                    | 21. Screw for adjustor handle    |
| 10. Mounting rod                  | 22. Screw for mix shaft extender |
| 11. Locking screw for supply tube | 23. Mix shaft extender           |
| 12. Rubber gasket                 | 24. Armored cable bracket        |

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