



Turbine Assembly Kit (PVC)

This Kit includes the replacement Turbine Assembly for your FTB690 Series Meter



M-4410A /0307

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!!! WARNING !!!

During turbine removal, liquid may spill. Follow the liquid manufacturer's safety precautions for clean up of minor spills.

Use with Kits:

FTB691-RK	FTB694-RK
FTB691-NPT-RK	FTB694-NPT-RK
FTB692-RK	FTB695-RK
FTB692-NPT-RK	FTB695-NPT-RK
FTB693-RK	
FTB693-NPT-RK	

1. Ensure all liquid is drained from the old turbine. Wear protective clothing as necessary. Remove the old turbine. If the new turbine is not immediately installed, cap the lines as necessary.
2. Remove the computer display from the old turbine by removing the four screws. Mount the computer on the new turbine checking that the O-ring is fully seated before tightening the screws.

NOTE: You can rotate the computer electronics 180 degrees before you install the computer. The meter must be installed with the arrow pointed in the direction of flow.

3. Verify the display is working by performing a rotor test. Blow through the meter in the direction of the arrow to test rotor. DO NOT USE COMPRESSED AIR. The volume amount on the computer display should change.
4. To install the meter, use only primer and solvents approved for PVC gluing. Install the meter with arrow pointed in the direction of flow.
5. Check meter accuracy before using. Make sure there is no air in the system by starting the flow until it runs steadily. Then stop the flow using a valve or nozzle.
6. Hold down DISPLAY button for three seconds to zero the meter's Batch Total. When zeroes appear, release the button.
7. Meter an exact known volume into an accurate container. For best results, meter with one continuous full stream.
8. Check the readout. If the amount metered is accurate, field calibration is not necessary. If not, refer to the Calibration Section in your Owner's Manual.



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WARNING: These products are not designed for use in, and should not be used for, human applications.

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If the unit malfunctions, it must be returned to the factory for evaluation. OMEGA's Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective, it will be repaired or replaced at no charge. OMEGA's WARRANTY does not apply to defects resulting from any action of the purchaser, including but not limited to mishandling, improper interfacing, operation outside of design limits, improper repair, or unauthorized modification. This WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of having been damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of OMEGA's control. Components in which wear is not warranted, include but are not limited to contact points, fuses, and triacs.

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The purchaser is responsible for shipping charges, freight, insurance and proper packaging to prevent breakage in transit.

FOR **WARRANTY** RETURNS, please have the following information available BEFORE contacting OMEGA:

1. Purchase Order number under which the product was PURCHASED,
2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems relative to the product.

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1. Purchase Order number to cover the COST of the repair,
2. Model and serial number of the product, and
3. Repair instructions and/or specific problems relative to the product.

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