

Matala Quartz Sleeve Replacement Instructions.

NOTICE

Matala Quartz Sleeve Design Change.

Please note as of January 2019 the replacement quartz sleeve for the Matala Stainless Steel UVC 40w, 75w, 150w and 300w is now only available with one end closed and one end open.

(The original quartz sleeve was a double open end sleeve.)

The new sleeve should be carefully inserted into the stainless steel body with the open end in the direction of the electrical connection.

Quartz Sleeve Replacement Instructions:

- 1- Turn off the power supply and turn off the water pump to stop the influent water.
- 2- Discharge the residual water in the UV housing by unscrewing the small drain plug in bottom of housing. Wrap this drain plug with 3 to 4 wraps of Teflon tape and thread back into the housing.
- 3- Remove the UV lamp.
- 4- Unscrew the compression nuts from both sides of the UV housing.
- 5- Carefully remove the brown Viton o-ring from both ends of the quartz sleeve. For proper seal we recommend to replace the brown Viton o-rings once per year during cleaning or sleeve replacement.
- 6- Slowly pull out the quartz sleeve from the UV housing. **(DO NOT ALLOW THE QUARTZ SLEEVE TO DROP INTO THE HOUSING, THIS COULD CAUSE BREAKAGE.)** To prevent the quartz sleeve from falling inside the housing, use your finger or a skinny wooden dowel to hold the sleeve up while slowly and gently pulling the sleeve out of the opposite end of the housing.
- 7- With a damp rag, clean both ends of the housing to remove any debris which may interfere with a proper seal with the new quartz sleeve.
- 8- Make note of a brown flat gasket on both ends of the new quartz sleeve. This flat gasket acts as a safety cushion between the quartz sleeve and the housing. The outer edge of this flat gasket should be approximately $\frac{3}{4}$ " from the end of the sleeve. The flat gasket should not interfere with the compression fitting of the Viton o-ring.
- 9- Slowly insert the new quartz sleeve into the housing. Hold up the quartz sleeve with your fingers and **DO NOT ALLOW THE SLEEVE TO DROP INTO THE HOUSING.** Carefully align the quartz sleeve with opposite end of housing so that the sleeve extends an equal distance on both ends of the housing. The sleeve should extend approximately $\frac{1}{2}$ " on either end of the housing.
- 10- Dampen the brown Viton o-ring with water and slide over each end of sleeve. Maintain an equal extension of sleeve on both ends and use your finger to seat the Viton o-ring into the compression groove.
- 11- Screw the compression nuts back over the quartz sleeve and Viton o-ring with firm hand pressure only.
- 12- Reinstall the UV lamp.

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