

# Clearflow®

DIELECTRIC WATERWAY FITTINGS

## INSTALLATION INSTRUCTIONS

1. Examine the plastic end shields of the fitting to verify no damage has occurred as the result of shipping or handling. Any product which contains such damage should not be installed.
2. Apply a compatible thread sealant or appropriate gasket lubricant in order to assure a leak-tight joint will be obtained. Consult individual manufacturer's instructions for grooved-end products.
3. Align the male threads carefully in the fitting using slight inward pressure to assist thread alignment. This step is necessary, as the plastic ends are specially designed to isolate the dissimilar metals in the waterway.
4. Tighten the connection using conventional techniques as with any other threaded joint. Excessive force to obtain a leak-tight joint should not be necessary due to the precision manufacture of the product. In the event greater than normal forces are required, the joint should be inspected for any signs of interference. **WARNING:** Heat should never be applied to the dielectric waterway, as it will result in damage to the plastic liner. In the event high temperature soldering and/or brazing alloys are used, consult the solder manufacturer regarding special precautions which may be necessary to prevent overheating the lining.

## 1/2" IPS & 3/4" IPS



### THREAD X THREAD

Clearflow® fittings in sizes 1/2" IPS and 3/4" IPS have a ring-groove in the fitting body which locks the thermoplastic lining inside the steel casing. A special ClearFlow® label identifies the fittings.

## 1" IPS & 4" IPS



### THREAD X THREAD



### THREAD X GROOVE

Clearflow® fittings in sizes 1" IPS and larger feature Perfection Corporation's new, two-piece thermoplastic liner with pre-formed end shields. A special ClearFlow® label identifies the fittings.



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[www.elster-perfection.com](http://www.elster-perfection.com)

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Also approved by various state and local agencies.

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