



# Uponor

RADIANT HEATING AND  
COOLING SYSTEMS

ENGINEERED  
PLASTIC (EP)  
HEATING MANIFOLD

FREQUENTLY  
ASKED QUESTIONS

## Engineered Plastic (EP) Heating Manifold FAQs

### What are the benefits of using an EP Heating Manifold?

The Uponor Engineered Plastic (EP) Heating Manifold, designed for use with radiant floor heating and cooling applications, is comprised of thermoplastic, high-performance, advanced materials suitable for use under conditions of high impact, heat and moisture. The state-of-the-art EP Heating Manifolds are available in 2 through 8 loops and are a lightweight, economically priced and sustainable choice for both residential and commercial radiant applications.

### Does the EP Heating Manifold have an oxygen barrier?

The EP Heating Manifold does not contain an EVOH coating. However, because the manifold is a small portion of a radiant system, oxygen permeation through the manifold is negligible and poses minimal risk to the ferrous components in the system.

### Can I incorporate additional loops to the manifold?

Yes. Uponor offers single loops for the manifold system, allowing expansion up to 12 loops.

### What temperature is the EP Heating Manifold capable of handling?

The EP Heating Manifold is rated with the following capabilities:

- 140°F at 87 psi
- 158°F at 72 psi
- 176°F at 58 psi
- 194°F at 43 psi

### Is the EP Heating Manifold easy to install?

Yes. The manifold comes with a mounting bracket for fast and easy installation on a wall. Simply snap the manifold into the mounting bracket and installation is complete.

### What are my options for using this in a large commercial complex?

The EP Heating Manifold is available in 2 through 8 loops and accommodates 15.4 gallons per minute (gpm). Uponor also offers single loops to extend the service up to 12 loops total.

### Can I use this manifold for other applications in addition to radiant floor heating and cooling?

Yes. However, for plumbing applications, Uponor recommends using a manifold specifically suited for that application. For concerns or questions regarding what type of manifold is appropriate for a specific application, please consult your local Uponor representative.

### Is there a warranty for these manifolds?

Yes. Uponor offers the same warranty for all its quality manifold products, including the new EP Heating Manifold. Uponor offers a five-year limited warranty for Home Comfort Team (HCT) members and an 18-month limited warranty for non-HCT members.

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