

Ideally hydronic pipe should not be affected by the fluid it is carrying, and the fluid should not be affected by the pipe.

Sadly, many HVAC system use a compromised material called carbon steel for hydronic piping. Water oxidizes steel, which causes pitting, scale build-up, and eventually leads to failure of the pipe. These affects are mitigated through the use of closed systems where possible, chemical treatment, PH-treatment, etc. Still, metal pipes produce rust which gums up valves, clogs strainers, and accumulates in low velocity areas.



Wonder if you did not have to compromise? Wonder if an ideal piping material was available... an economically feasible material that required no maintenance? Wonder no longer.

## Aquatherm Pipe:

- Does not rust
- Provides a lower installed cost compared to other welded or soldered system
- Has the lowest friction loss of any pipe on the market
- Does not require chemical treatment
- Does not require an open flame, glues, or chemicals to fuse it together; It uses heat fusion to bond
- Limit liability of theft on jobsites (it has no scrap value... unlike copper which is often stolen from jobsites and sold)
- Requires less external insulation (due to R-value~1)
- Resist condensation if left exposed
- Mitigates sound transmission and physical vibrations
- Can be directly buried underground
- Will not burst if water freezes within it (above -20F)
- Forms a monolithic piping system when assembled (no gaskets, solder, weld slag, glue, etc.)
- Approved and used for HVAC, domestic water, sprinkler systems, irrigation, chemical drains, and food grade applications
- Available in pipe sizes ranging from 3/8" up to 24" diameter
- Proven 40+ year track record of installation around the world

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Better in every way... now that's progress!

