

Anti-Freeze Protection for the AERCO Modulex Boiler

Antifreeze HVAC glycol, where required, must be suitable for aluminum heat exchangers when used with the high efficiency AERCO Modulex boiler. This is a common requirement for all aluminum boilers and is practiced in North America and Europe. Traditional propylene glycol is not suitable for aluminum heat exchangers: the pH of the glycol at various dilutions is in excess of 9.5, whereas the pH must be lower than 8.5 (tap water is 6.5-8.0 pH) for use with aluminum.

There are several suitable aluminum safe propylene glycols available that can provide the same levels of burst, freeze and corrosion inhibiting protection as traditional propylene glycols. Listed below is one company with aluminum safe products for use in the Modulex boiler:

Rhomar Water Management, Inc.

Springfield, MO

Phone: **1-800-543-5975**, Fax: 417-862-6410

<http://www.rhomarwater.com>

Inhibited Glycol: **RhoGard**

Treatment: **Pro-Tek**

Cleaner: **Hydro-Solv**