ECM Smart Circulator – Grundfos Magna 3

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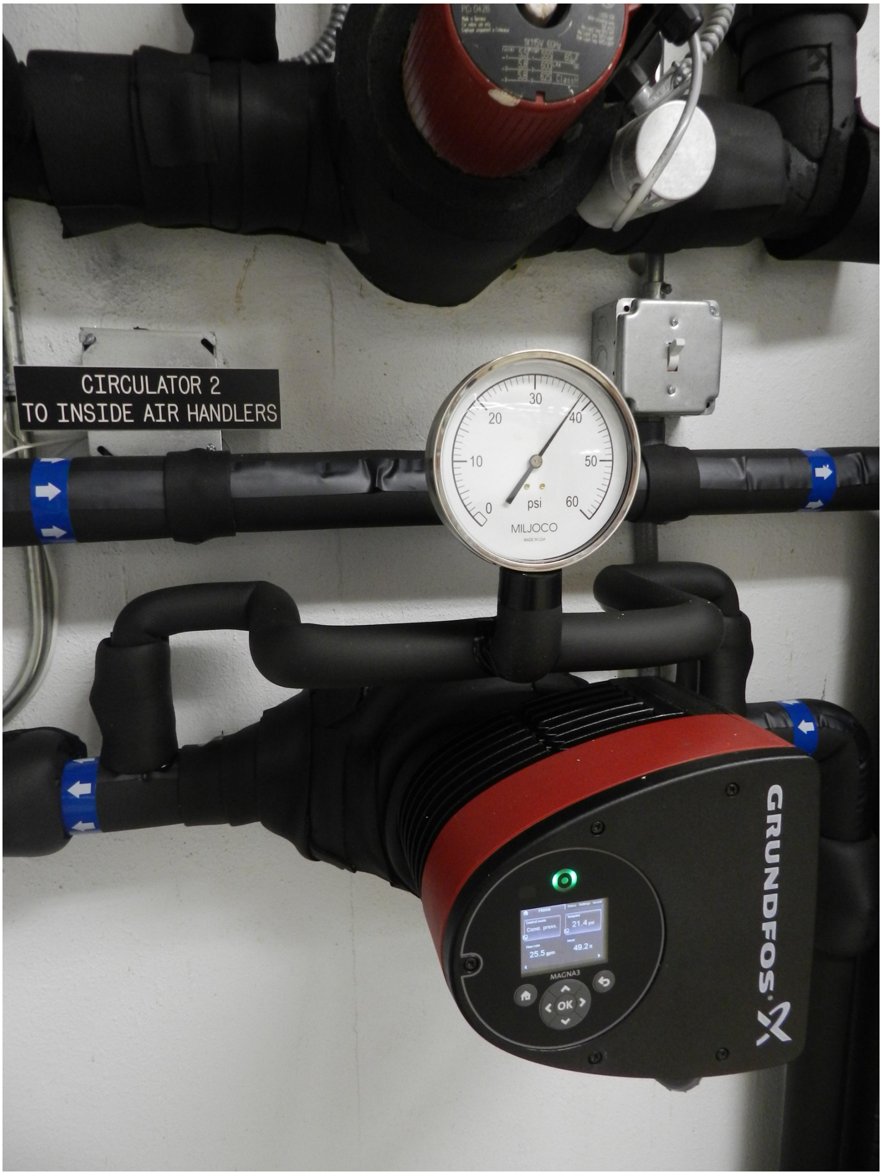

In addition to the Bell Gossett EcoCirc XL, we also offer the Grundfos Magna 3, which is the flagship ECM circulator for Grundfos. It too has a tremendous amount of features and was also originally designed for the commercial market. We have had great success with Grundfos circulators in general and have found that the Magna in particular is very easy to work with. Its advantage over the Bell Gossett circulator is its large display screen which simplifies programming.

“Like its predecessor, MAGNA3 is the ideal pump for heating and cooling applications as well as domestic hot water circulation systems. It is designed to handle liquids down to 14°F, which makes it suitable for both tough industrial tasks and ground source heat pump systems (GSHP). Furthermore, the liquid temperature (14°F to 230°F) is now independent of the ambient temperature (32°F to 104°F). So whether your project requires heating or cooling – MAGNA3 is the pump for you.”

“MAGNA3 is the most efficient circulator available on the market today. The longer version is this: With the lowest Energy Efficiency Index (EEI) in the world, below 0.20, you can achieve energy savings of up to 75% compared to a typical installed circulator. With the unique Autoadapt control these savings can be as much as 85% and thereby a remarkably fast return on investment.”

“MAGNA3 gives you new opportunities with more intelligent control modes, optimized building management communication and a built-in heat energy meter. It also allows you to save pump throttling valves in the system. It is fair to say that we have raised the bar for intelligent pumping.”

“MAGNA3 is a truly full-range pump with more than 25 different single and twin circulators in cast iron or stainless steel. We have also increased the maximum head to 60 Ft and the flow to 550 GPM. Get ready to specify a perfectly sized circulator pump for any HVAC AUTOadapt application.” (from the Grunfos website)

Our goal is to be **Martha’s Vineyard’s premier plumbing and HVAC shop –** we appreciate the opportunity to service and upgrade your hydronic circulation system.