



Boiler/Building Management Interface (BMI) For Hydronic and Domestic Hot Water Heating Boilers

FEATURES

NEW BOILER/BUILDING MANAGEMENT INTERFACE (BMI) - Provides connections for energy management systems and/or boiler sequencing controls and allows these systems to control the firing rate of all Genesis and VF Boiler models.

WORKS WITH GENESIS STAGE FIRED MODELS AND MODULATING VF BOILER MODELS - Provides contacts and allows energy management systems or boiler sequencers to control the stage firing of 2, 3, and 4 stage Genesis Boilers. When used with modulating VF Boilers the BMI accepts a 0 to 10 volt signal from energy management systems or boiler sequencers for a fully modulating system with optimum temperature control and maximum system efficiency.

PROVIDES SMOOTH SYSTEM OPERATION AND PREVENTS BOILER SHORT CYCLING - The BMI is recommended wherever energy management systems and/or boiler sequencing controls are used to control the firing rate to match the heat demand of the facility. By providing access to the firing rate of the boiler, the energy management systems and/or boiler sequencing controls can better control the system temperature which helps to prevent boiler short cycling and provides smoother overall system operation.

Note - Can be ordered with the boiler and factory installed or ordered as a kit for field upgrade.

RECOMMENDED FOR USE WITH A. O. SMITH PROVIDED TEKMAR CONTROLS -

- 9005409105 - tekmar 274 Control - Can manage 4 - on/off boilers, 2 - 2-stage boilers, 1 - 3-stage boilers, or 1 - 4-Stage boiler (Has set point for domestic hot water and outdoor reset for hydronic heating systems)
- 9005408105 - tekmar 268 Control - Can manage 9 - on/off boilers, 4 - 2-stage boilers, 3 - 3-stage boilers, or 2 - 4-Stage boilers (Has set point for domestic hot water and outdoor reset for hydronic heating systems)
- 9007563005 - tekmar 275 Control - Can manage 1 to 4 modulating boilers with 0 to 10 Volt Signal (Has set point for domestic hot water and outdoor reset for hydronic heating systems)

Please note that the above listed tekmar controls can all be used for both hydronic heating and/or domestic hot water heating systems. All three controls include a remote 1/2" tank temperature probe well to be installed in the hot water storage tank or hydronic heating return loop for optimum temperature sensing.

A. O. Smith
Part # 9007866005



Factory Mounting Location

