

TERMOVAR 6440AF DIVERTING VALVE



The TERMOVAR DIVERTING VALVE is an automatic thermally operated diverting valve for solid-fuel boiler installations with a storage tank.

Having a TERMOVAR AF valve installed in your system will improve overall efficiency and improve the effectiveness of the heat storage tank system.

Installation and Function

When heat is called for in the heating zones, return water returns to the boiler or storage tank through ports #1 and #3 of the Termovar AF valve. If the return water gets above 165° F, port #3 starts to close as port #2 opens; causing the return water to re-circulate through the heating zones calling for heat. Closing port #3 causes water from the boiler to be diverted to the storage tank rather than to the heating zones. The Termovar AF valve modulates the mixing of the supply and return water for most efficient operation of the boiler and heat storage system.

The Termovar AF valve is installed on the return header. Port #1 is connected to return from heat zones. Port #2 is connected to supply manifold. Port #3 is connected to return from heat exchange coils in tank and the return to the boiler (see diagram below).

