

Easier Vacuum Recordings

Often it is not easy to “tap into” the oil supply line on a burner in order to install the vacuum sensor for the OnWatch Model 41 or 51. Ken Reardon (Ken’s Oil & Burner Service Inc, Danvers MA) put together some fittings that make the job a lot easier. He keeps these adapters in his OnWatch kit.

Why are vacuum readings important? When you don’t know what is causing an intermittent problem, the more data you can gather the better. Vacuum problems can be very tricky and very elusive. For example, a vacuum problem in an overhead line can take months to develop and then will disappear when you install a vacuum gauge. See OTJ #13. Why make your job more difficult when a couple of minutes more on installation will provide so much more information?

The threads on the OnWatch vacuum sensor are 1/8-inch male IP, so the object is to get to 3/8-inch tubing without having to do major piping changes. As the picture shows, Ken made easy-to-install adapters for both flared and compression fittings. The tubing is 3/8-inch OD, which happens to fit inside the brass adapters, so it can be sweated on easily.

Thanks for the information, Ken.

