



Ray Boiler Instills Confidence in Leading Contractor

Toronto, Canada – When it comes to installing complex heating systems, Peter Kinsey, owner of Canadian In-Floor based in Toronto, Canada, has a long track record of success and a reputation as a leader in the field. As a former contractor trainer for Wirsbo, one of the largest radiant floor heating manufacturers in the industry, Kinsey has turned over 15 years of experience into his own thriving business. Canadian In-Floor specializes in designing and installing geothermal, solar, and hydronic-based heating systems for the commercial and residential markets.

According to Kinsey, as the demand for more efficient heating systems continues to grow, his team has become much more involved in the installation of heating systems into LEED-certified buildings and residential homes looking to “go green.”

“Typically we install heating systems in what could be considered ‘starter castles’ – 12,000, 22,000, or 25,000 square feet,” Kinsey explains. “In many of these homes, we’re working on boiler systems that generate heat for multiple applications, so it’s critical that we can tell our customers with confidence that the boiler will last the lifetime of the house.”

Recently, Kinsey’s hydronic appliance of choice has been the new Ray™ boiler, developed by Mestek, Inc., a leader in commercial and residential HVAC technologies, based in Westfield, Massachusetts. Ray is the first-ever high efficiency, low water content, fully condensing cast iron boiler, delivering 40,000 – 199,000 Btuhs at 92.7% AFUE.

These unique features led Kinsey to choose the Ray boiler for a recent system they installed in a 12,000 square foot home in Toronto. A complex project, it called for a complete radiant floor heating system, three air handlers, two indirect water heaters,

pool heating and a snowmelt system. To accommodate the system load, Kinsey installed three Ray boilers managed by an Internet based building automation system.

“We’re using the Ray because we need to know we have a boiler that can handle the job and handle it for a long time,” he said. “With Ray’s cast iron condensing design, we don’t have to be concerned about its longevity – we don’t have to worry about it failing in five years due to thermal stresses or problems with glycol or water pH or hardness. In addition, the fact that there is little pressure drop across the boiler is a fabulous feature.”

Kinsey also points out that the lifetime warranty on the heat exchanger gives both he and his customers added peace of mind.

Another feature of the Ray boiler that was critical when designing the hydronic system for this particular house was its proprietary SmartCycle™ control, which accommodates a 0-10VDC signal from the building automation system, which allows his team to optimize the boiler’s efficiency.

“The SmartCycle control has many great features that provide us with a level of information you just don’t see with other controls,” said Kinsey. “There is a lot of logged history available, so if we have a problem, we can just scroll through and find out exactly what happened and when, then troubleshoot as necessary. It’s easy to read, very helpful, and gives us the flexibility of connecting a number of boilers with just a single cable.”

So far Kinsey has installed approximately 15 Ray boilers and expects to have completed installation of about 20 more by this December. “Ray has all the features of other modulating, condensing boilers, but its engineering and proprietary controls allow it to do much more,” he said. “For me, it just instills confidence.”

To learn more about Ray, please visit www.KnowSomethingMore.com.