Inspections Division
Date: 05/01/14

PENSOTTI Solenne Series

PCI Series

The **Solenne PCI** series is a wall-mounted, fully condensing, heat and micro-storage gas boiler with an internal stainless steel indirect water heater. Incorporating our patented Duopass system, the **PCI** series boiler will provide an abundant quantity of domestic hot water. This patented system consists of a stainless steel indirect water heater and a brazed plate heat exchanger.

Upon a demand for domestic hot water the **Solenne PCI** series boiler responds immediately, re-heating the water in the storage tank and pre-heating the entering cold water through the brazed plate heat exchanger.

With a ready supply of stored domestic hot water and the pre-heating of cold water entering the indirect water heater the **PCI** series has a dramatically increased recovery rate when compared to that of any standard combi-boiler. The **Solenne PCI** series is a viable alternative to many applications where an external indirect water heater would normally be required; saving valuable space while reducing material and installation costs.

MODEL	BTUH INPUT MAXIMUM	BTUH INPUT MINIMUM	WEIGHT (LBS.)	HEIGHT	WIDTH	DEPTH	DHW FLOW RATE @ 63 F RISE	DHW STORAGE (GALS.)	HEAT TEMP. RANGE	DHW TEMP. RANGE	CONC. VENT SIZE
PCI 18/8	61,419	8,014	114.5	31.1"	17.7"	13"	3.1 GPM	2.11	86-176°F	95-160°F	3.15"/5"
PCI 34/20	116,013	34,121	146	35.5"	19.5"	18.9"	4.5 GPM	5.30	86-176°F	95-160°F	3.15"/5"

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Available in 3 distinct styles, **Solenne**, series boilers will accommodate most residential and light commercial heat and hot water applications. All **Solenne** boilers are wall-mounted, fully condensing with sealed combustion systems and a choice of 3 multiple venting options.

Unlike many other boilers, **Solenne** boilers are fully packaged making installation simpler, quicker, and less expensive. No matter which style you choose, every **Solenne** boiler offers a long list of standard features:

- Clean, appliance quality, metal cabinet
- Quality stainless steel heat exchanger
- Premix stainless steel gas burner
- Self diagnostic control system with digital display, heat and domestic water temperature control, freeze protection, circulator exercise function and outdoor temperature reset capability
- Dependable negative pressure gas valve
- Reliable direct spark ignition system
- Quiet, electronic variable speed blower
- Oversized stainless steel and copper brazed plate domestic hot water heat exchanger with electronic flow switch (combi and micro storage boilers)
- Built-in 3 speed circulator with automatic air vent
- Built-in expansion tank
- Internal low water safety switch
- Simple push button conversion to LP gas
- Convenient piping kit with isolation valves
- Service friendly design provides quick, easy access to all internal components
- Warranty; 2 year on parts and 10 years on the stainless steel heat exchanger

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