

Applications

No more shoveling! Snow and ice melting is an easy add-on with a hot water system. Prior to the installation of the concrete or asphalt driveway, continuous plastic tubing is laid down and tied to a wire mesh grid in a serpentine pattern. With proper controls and embedded sensors, the system can automatically turn on and circulate a glycol-based solution through the tubing, heating it sufficiently to melt the snow or ice.

Plenty of hot water! With hydronic heating, hot water recovery takes a fraction of the time of a standard water heater. Never run out of hot water again when you hook up an indirect water heater to your existing boiler. By circulating (but not mixing) the boiler water through the domestic water tank, you ensure maximum performance and long operating life.

Small but mighty baseboards! Radiant baseboards tuck along walls and under windows. Very low profile baseboard radiators provide plenty of heat in a small package. Connected to the boiler system, usually through the floor space, these baseboards can be painted or finished to match the room décor, as long as the openings remain clear.

Warm feet! Underfloor tubing delivers comfortable, "invisible" heat. Ideal for the bath or kitchen. A continuous circuit of plastic tubing is laid under most finished flooring materials. Usually it is imbedded in a lightweight concrete mix, but can also be laid down in the grid pattern between recessed/grooved floor panels.

Radiant style! Decorative and efficient panel radiators heat mittens, towels and the entire room. Flat panel radiators are mounted flush to the wall and are connected to the boiler. This allows the warm boiler water to circulate quietly through the panels, heating the surrounding area, as well as any wet outerwear or towels for quick drying.

Air conditioning is possible! Air conditioning without traditional heating ducts? Of course. There are many choices to deliver the necessary cooling during hot humid summers. Separate cooling systems can either provide complete whole-house solutions through mini-ducts or can provide localized spot cooling utilizing ductless systems.

Soothing spas! Hot tubs and pools are heated easily from the same boiler. Indoor or outdoor swimming pools and hot tub spas can be heated with the same boiler by using a heat exchanger. The chlorinated pool or spa water never mixes with the boiler water, yet the heat is efficiently transferred to the pool or spa.

