**Application:**

Fully automatic snow melt circuit isolated from boiler/heat source circuit through the use of a heat exchanger (one low temp. circuit - fully automatic modulating water temperature for snow melting c/w snow/ice detector and in-slab sensor)  
(one high temp. circuit off boiler/heat source primary loop for snow melt heat exchanger)

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**Control Sequence:**
- Snow melt control unit provides the correct water temperature for the HeatLink® snow melting system. By correlating outside air temperature, surface moisture, supply and return system water, boiler return water & slab temperature for the snow melt circuit, the control unit then activates the 4-way mixing valve motor which in turn modulates the supply water temperature to the snow melting circuits (see ELECT 1.12 & 1.13).
- Boiler to fire either: 1) Independently on its own operating controls or 2) By activation through a relay of the snow melting controls. APPLICATION TO USE OPTION (____).
- Primary pump (P-2) to be wired through a relay which will be activated by the snow melt control (see ELECT 2.5).
- Pumps (P-1 & P-2) to be wired directly with their own disconnect switches. System pump P-2 to operate either: 1) Continually or 2) By activation through a relay of the snowmelt controller (see ELECT 2.10)  
FOR THIS PARTICULAR APPLICATION P-2 TO OPERATE AS PER OPTION (____).