The WiFi Snow Melting Control 670 operates hydronic and electric heating equipment designed to melt snow and/or ice from roads and walkway surfaces. The control works with the tekmar Snow/Ice Sensor 090 or Snow Sensor 095 to automatically detect snow or ice and operates a single boiler, steam valve, or electric cable to supply heat to the slab. Boiler return protection is provided to non-condensing boilers using a mixing valve or variable speed injection mixing pump. The tekmar Connect mobile application allows for remote operation and monitoring of the snow melting system from anywhere in the world.
Sample Application Drawing

Sample Mechanical diagram

Sample Electrical diagram

Legend
B1 = Mod-Con Boiler
BP = Boiler Pump
M1 = Actuating Motor 741
P1 = System Pump
S1 = Outdoor Sensor 070
S2 = Snow / Ice Sensor 090
S3 = Mix Supply Sensor 082
S4 = Boiler Supply Sensor 082
V1 = Mixing Valve 710 Series

All specifications are subject to change without notice.