

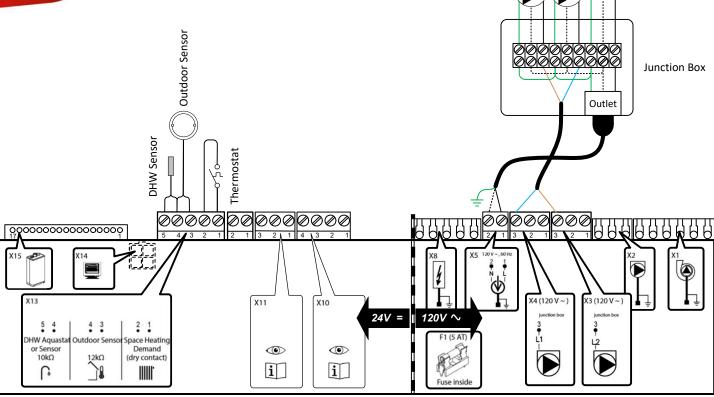
CAUTION: This drawing is a simple schematic guide to a successful installation. There may be many necessary components not shown here. We require that our boilers be installed by licensed and experienced trades people who are familiar with the applicable local and national codes. System design is to be completed by an experienced hydronic designer or Engineer. It is necessary to carefully read and follow the installation instructions that come with the boiler along with the application drawing that fits your system.

SFB Radiant System DRAWN BY DATE MIKE SENK 10/26/2023 DESCRIPTION

Radiant heating with an indirect water heater

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P2

P1 120VAC Supply

## **Wiring Notes**

- No external voltages are to be applied to any terminals except power supply terminals of X5.
- Controller is fused for a total draw of 5A; maximum amperage draw of 2A per pump.
- Outdoor sensor installed on North-facing exterior wall for accurate reading of outdoor temperature.

## **Parameter Settings**

PARAMETER	DESCRIPTION	SETTING
P001	System Type	1
P075	Boiler Setpoint during DHW	176
P076	DHW Mode	2
P081	Three-way Valve Operation	0
P089	Water Heater Setpoint (DHW Sensor Only)	140
P090	X4 Relay Operation	0
P091	X3 Relay Operation	5
P101	X13 4-5 Function	3

SFB Radiant System Wiring				
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