



EcoStep® Refrigeration Controller



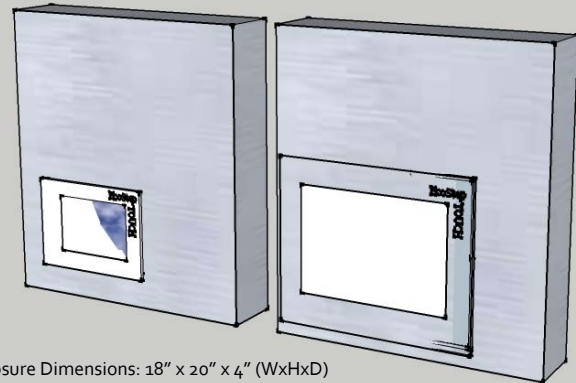
The **EcoStep® Refrigeration Controller** utilizes the latest in Mass Flow Control Technology to regulate precise evaporator temperatures for a wide variety of applications.

Choose your own scope of work—we can provide the control system only or choose to have a turnkey installation performed onsite (and everything in between)

Take advantage of all the energy savings available:

- Advanced Evaporator Fan Speed Control using ECM motors
- Stepper Motor Regulators do not consume energy when room conditions are at steady-state
- LED, fluorescent, or incandescent lighting with User Edited Timing and Control
- Compressor Unloading via Mass Flow Control
- Compatible with Natural Refrigerant CO₂
- Add ECS Custom Condensing Units and Evaporators or supply your own
- Available with 6", 8" or 10" class Touchpanel

6", 8" or 10" Touchpanel—Same Enclosure Size



Enclosure Dimensions: 18" x 20" x 4" (WxHxD)

*ADA Compliant for hallway surface mounting without panel extensions

Figure 1. Control Panel

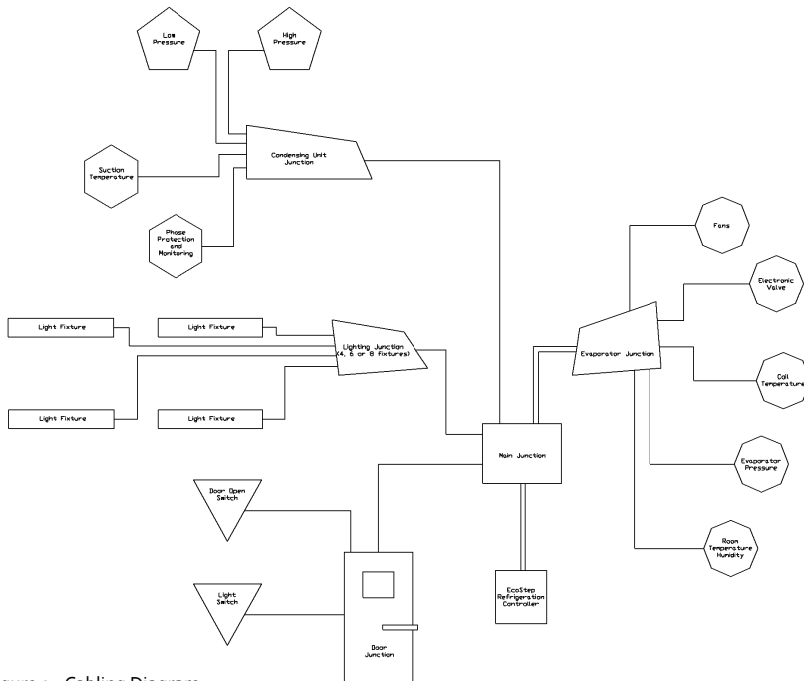


Figure 2. Cabling Diagram

- Cable installation can eliminate the need for costly electrician services during the installation
- Cable Systems are available for any size Controlled Environment Room
- Cable Systems are UL/CSA approved for installation without any additional protective devices and/or conduit
- Connectors are keyed for simple and accurate assembly
- Plug-n-Play: Connect peripheral devices on the fly (e.g. room lighting can be turned prior to startup to ease installation)

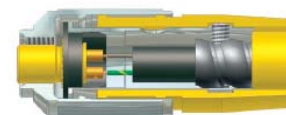


Figure 3. ArmorFast by Turck