

**Title:** Heat Reclaim Installation Control Input i-Controller REV.112

## Overview

When a FLō unit with Heat Reclaim is installed on a customer site, connections between the FLō HVAC controller (i-Controller) and the site's refrigeration controller must be completed for proper heat reclamation from the refrigeration system. This document describes the steps necessary to connect a FLō unit with Heat Reclaim and i-Controller to an Emerson E2E refrigeration controller installed on the refrigeration system.

**NOTE:** Improper coil installation or controller programming will greatly compromise the performance of your unit. Verify the following steps to ensure correct installation and operation.

- Verify all piping connections between the refrigeration system and CES heat reclaim coil.
- A 24V isolation relay (dry contacts) is provided inside the FLō unit. This relay is connected to the FLō i-Controller heat reclaim output and is used for valve operation.
- Pull and connect a two-conductor wire from the contacts of isolation relay in the FLō unit to the heat reclaim input control points on the refrigeration control boards.
- Verify the refrigeration controller is programmed to receive a signal from the FLō i-Controller to initiate heat reclaim.
- Verify proper heat transfer from the refrigeration system to the FLō heat reclaim coil before leaving the site.

