

FCU Kit (Fan Coil Unit Control Kit)

Job Name _____
Purchaser _____
Submitted to _____
Unit Designation _____

Location _____
Engineer _____
Reference ☐ Approval ☐ Construction ☐
Schedule # _____

Specifications

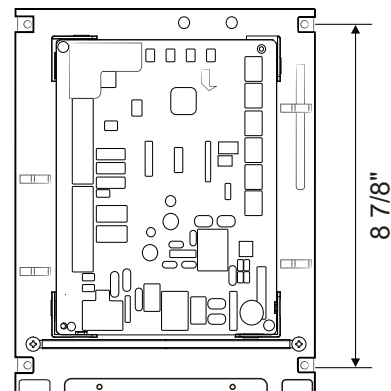
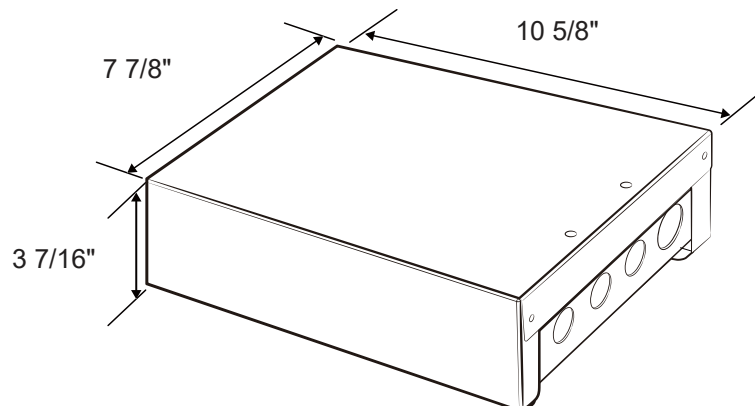
Power	Ø/V/Hz		1 / 208-230 VAC / 60
	MCA	A	2.75
	MOP	A	15
	Rated Capacity	Fan Output (H/M/L) ¹	208 - 230VAC, 60Hz, 1Ph, 1A
		Water Valve output	208 - 230VAC, 60Hz, 1Ph, 0.5A
Compatible Controllers	Wired Control	Advanced Controller	MWR-WG00UN
		Simplified Touch Controller	MWR-SH11UN
	Interface Module		VCTRL05P-1
	Central Control (requires interface module)	DMS 2.5	VCTRL09P-1
		BACnet Gateway	VCTRL02P-1
		Central Touch Controller	VCTRL01P-1
Accessories	Wired Control	Advanced Controller	☐ VSTAT04P-1
		Simplified Touch Controller	☐ VSTAT02P-1
	External Temperature Sensor		☐ VCTRL11P-1
	Interface Module		☐ VCTRL05P-1

¹ If fan motor current is greater than 1A, a field-provided relay will be required.

- Room temperature will be sensed via wired controller or VCTRL11P-1 external temperature sensor (field-provided)
- Includes two sets of water pipe temperature sensors
- Fan control output: 208-230VAC ON/OFF
- Interface module VCTRL05P-1 is required to connect FCU kit to Lennox central control options

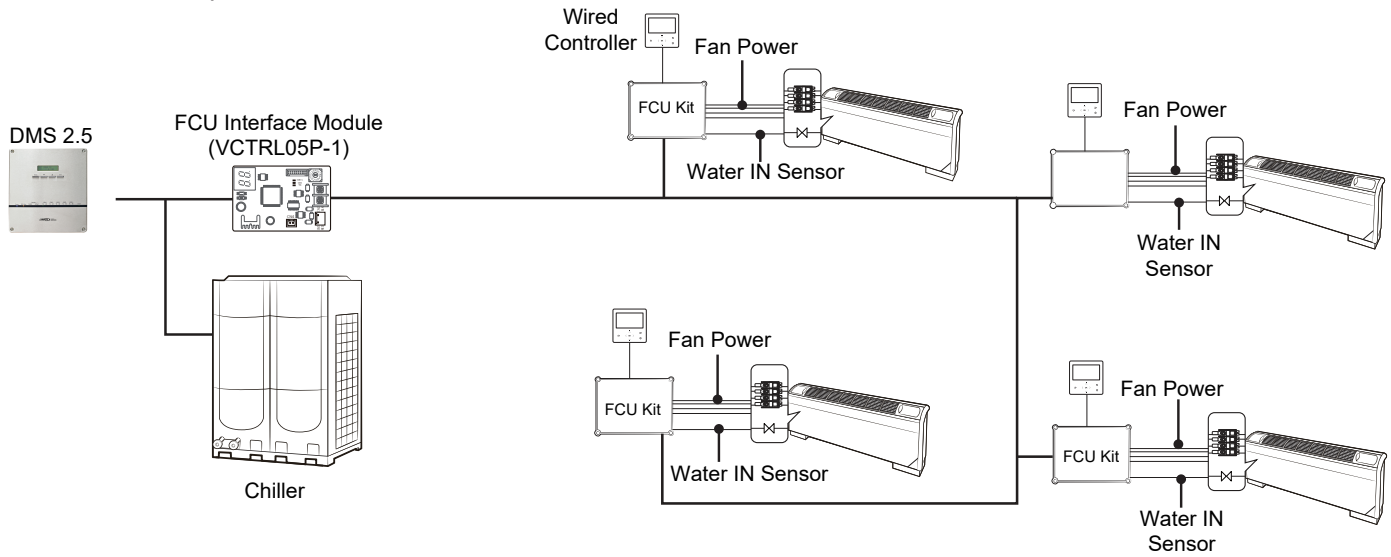
Features

- Communication and control interface kit for connection of third-party fan coil units (FCU) to Lennox control systems (local wired controller and/or Lennox central controls).
- Provides multiple input and output options
- Can be used along with Chiller systems or standalone to control water valves, fan motors, etc. with Lennox controls
- Supports connection of single speed, multi-speed, and variable speed fan motors.
- Supports 2 pipe or 4 pipe systems.
- Supports ON/OFF and variable position water valves.
- Multiple fan coil units can be connected to a single VCTRL04P-1 (group control)
- Dry contact input to enable/disable FCU via external contact
- Built-in wireless signal receiver for FCU option settings and programming via wireless controller



FCU Kit (Fan Coil Unit Control Kit)
Connection Examples

Typical connection example



Central control connection example

