

# PPCH (or PPCH-G) pressure controller, Rack mounting, and removing or installing the external enclosure

**FLUKE**®

**Calibration**

*This procedure is intended for users or other authorized personnel trained on operation of PPCH pressure controllers*

## Purpose

This document describes how to rack mount a PPCH or PPCH-G pressure controller. It also shows how to remove or install the optional external enclosure that is intended to be used when PPCH is not rack mounted. Note that PPCH has an internal steel enclosure that is a yellowish color for safety and integrity. The internal enclosure does not have feet on it.

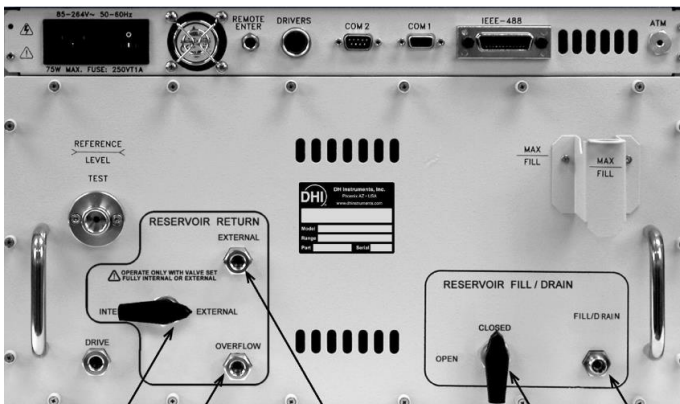
## Notes

Refer to Section 2.2.1 “INSTALLATION IN A 19 IN. RACK MOUNT” in the PPCH Operation and Maintenance Manual for additional information.

PPCH weighs more than 50 kg (110 lb). Take appropriate precautions to lift and place it safely. It is the user’s responsibility to support PPCH adequately on the sides and/or rear when installing it in a rack mount system

## Instructions to remove external enclosure

1. Place the PPCH on a strong table or bench with enough room in front of the PPCH to slide it out of its external enclosure. The required space is just more than double the depth of the PPCH.
2. Remove interconnect tubing and fittings from the PPCH back panel before removing the external enclosure. This includes anything on the TEST, DRIVE IN, OVERFLOW, EXTERNAL and FILL/DRAIN ports.



3. Remove the eight (8) front panel bolts with a flat head screwdriver.
4. With at least two persons, slide the PPCH out of the front of the external enclosure.



### Instructions to rack mount (partially from manual)

1. Remove PPCH from the optional external enclosure if not already removed.
2. Plan where the PPCH will be installed in a rack. The front panel is 6U (10.5 in. or 26.7 cm.) high. Due to PPCH controller's weight, it is necessary to use a rail system to support it along the sides and/or rear. These are typically supplied by the rack mount system vendor.
3. Install PPCH into the rack mount system using eight (8) heavy duty front panel bolts provided by the rack vendor. Support the sides and/or rear using support rails.

### Instructions to remove external enclosure

1. Place the PPCH on a strong table or bench with enough room in back of the PPCH to place the external enclosure behind it.
2. Place the external enclosure behind the PPCH.
3. Slide the PPCH into its external enclosure.
4. Install the eight (8) front panel bolts with a flat head screwdriver.

*End*

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Electrical	RF	Temperature	Pressure	Flow	Software
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