# KMC CONTROLS

## *FlexStat Backplate Incompatibility*

*Released August 2013*

## *Applicable Models*

FlexStats.

## *Issue*

> ### ⚠ CAUTION
>
> **To avoid damaging multiple FlexStats, do NOT attempt to install a BAC-12xxxx FlexStat on an older BAC-10000 series backplate! The older backplate must be replaced.**
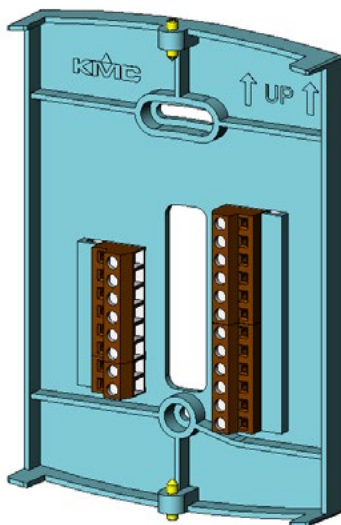
The original BAC-10000 series FlexStats (discontinued in August 2013) had three external inputs. Newer **BAC-12xxxx/13xxxx/14xxxx FlexStats have six external inputs and are not compatible with the older BAC-10000 series backplates.**

BAC-12xxxx FlexStats (with extra pins) can be (improperly) plugged into a BAC-10000 series backplate, resulting in the power, inputs, and MS/TP communications connections being mismatched. **In such a case, that FlexStat will be damaged and possibly the MS/TP communications circuitry of other FlexStats on the same MS/TP network! Even after replacing the backplate and installing a new FlexStat, other FlexStats on the network might no longer communicate properly on the network!**
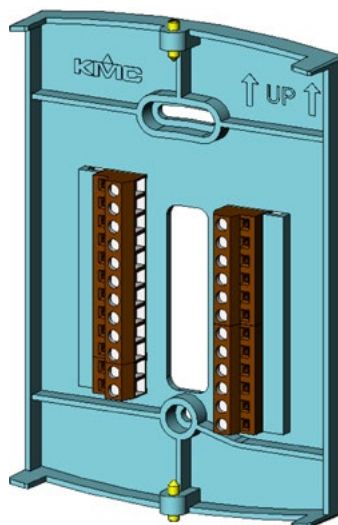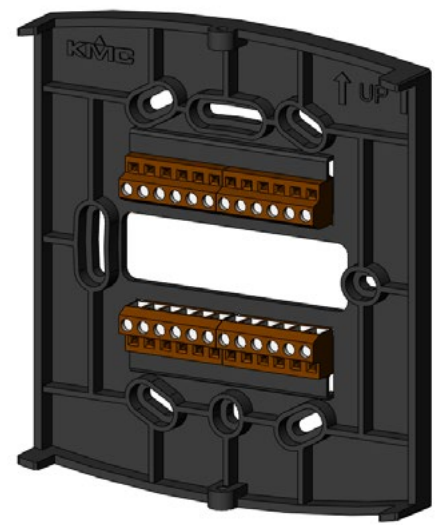
BAC-13xxxx/14xxxx $CO_2$ FlexStats have a larger backplate with horizontal instead of vertical terminals. These FlexStats are unlikely to be accidentally forced onto a wrong backplate.



**(Discontinued) BAC-10000 Series Backplate**

**BAC-12xxxx Backplate**

**BAC-13xxxx/14xxxx Backplate**

## *Solution*

When replacing a BAC-10000 series FlexStat with a BAC-12xxxx/13xxxx/14xxxx FlexStat, **replace the old backplate** with the one included with the new FlexStat.

NOTE: For specifications, see the **BAC-12xxxx/13xxxx/14xxxx Series FlexStat Data Sheet** (914-035-01) and/or the **BAC-10000 Series FlexStat Data Sheet** (913-035-01).