

# TECHNICAL INFORMATION COMMUNICATION



**United  
Technologies**

Building & Industrial Systems

Quality and Continuous Improvement

**Number:** TIC2014-0013

**Date:** 12/1/2014

**Title:** Incorrect Indoor Coil Charge Addition

**Product Category:** Air Conditioners/Heat Pumps

## Products Affected

24VNA948, 189BNV048, 25VNA848, 288BNV048



## Situation

For communicating systems with indoor coil models FE4AN(B,F)005 and CSPH\*60 and the above listed outdoor units including circuit board (AOC) version 1 & 2, the wall control is showing an incorrect refrigerant addition for indoor coil charge.

## Technical Information

For air conditioner models 24VNA948 and 189BNV048, the wall control will display the value of 1 lb. 8 oz. additional refrigerant charge when the system is properly charged (rather than 0 lb. 0 oz.). For heat pump models 25VNA848 and 288BNV048, the wall control will display the value of 2 lbs. 3 oz. additional refrigerant charge when the system is properly charged (rather than 0 lb. 0 oz.).

Example wall control screen:

24VNA948 and 189BNV048	25VNA848 and 288BNV048
charge weigh in	charge weigh in
expected factory charge: 7 lb 8 oz	expected factory charge: 8 lb 5 oz
add for line set: 0 lb 12 oz	add for line set: 0 lb 12 oz
add for indoor coil size: 1 lb 8 oz	add for indoor coil size: 2 lb 3 oz
back  done	back  done

A system that is overcharged may result in a fault code 71. The charge addition value is written into the circuit board (AOC) software and *will be corrected in version 3.*

Only trained and qualified personnel should design, install, repair and service HVAC systems and equipment. All national standards and safety codes must be followed when designing, installing, repairing and servicing HVAC systems and equipment. It is the responsibility of the Dealer to ensure local codes, standards, and ordinances are met.