



Technical Notice: 3.2A Transformer Breaker

Rev.: 05 December 2014
P/N: TB14.001

At the end of November 2014 EnerTech's transformer vendor discovered the 3.2A breakers housed in the 75VA transformer have potential for a no trip failure. Only the water-to-water units are affected because HT, XT, and CT units with factory installed transformers have fuses on the ECM fan board. The ST and RT do not contain a transformer. Also, the MPD and MPH air handlers do not use the 75VA transformer with the 3.2A breaker.

Only WS036-084, WD120, and WT036-144 water-to-water units do not have an external fuse protected circuit. The affected date range was September 1 to November 30 of 2014 (S/N: M1409**** to M1411****). Also, a date range can be viewed on the transformer label (see Figure 1). Transformers with date codes between 1435 and 1446 are known to be affected by the breaker issue. The transformer breaker quality was addressed with the vendor and a breaker change has been made on all future transformers.

This is an elective, non-mandatory modification. For further prevention of a transformer failure, EnerTech is offering a replacement transformer and labor for the change out of the transformer. A warranty claim form must be filed and the unit and transformer must meet the criteria listed above. Units after November 30, 2014 (S/N: M1412****) are being manufactured with new transformers with sufficient breakers. The part number for the replacement transformer is 1145000001.

Figure 1.

