

To: Residential Distributors and Dealers
From: Technical Service Department
Date: December 18, 2009
Re: Revision 5.1 Thermostat Controller

NORDYNE is introducing a software update to the iQ Drive Controller, Version 5.10. This now supersedes Version 5.0 as the current version. Version 5.10 primarily addresses some minor software issues which are described below, mostly dealing with the G7 modulating gas furnace.

Version 5.10 resolves the following issues:

1. A modulating gas furnace would not modulate properly (i.e., remaining in Step 1) when responding to a large demand or when coming out of a large setback (Version 5.0 only).
2. Occasionally after a power loss, the controller would require re-configuration (displaying "CONFIGURATION NEEDED").
3. In iQ Drive systems using G6 gas furnaces (only), the blower would not shut off after the first furnace usage when mode was changed from HEAT to OFF (Version 5.0 only).
4. For iQ Drive systems starting in AUTO mode, in some cases heat would not start if the heating setpoint was raised above room temperature using Temporary Hold.
5. When running an iQ system from TEST MODE it was previously possible to start a furnace while the air conditioner was running.
6. In systems combining a modulating gas furnace with a non-iQ air conditioner or heat pump, the CFM per ton selections were wrong with 5 ton outdoor units. Also, a 4.5 ton option was incorrectly shown.
7. The way in which a modulating gas furnace operates when a heat pump is locked out due to low outdoor temperature has been enhanced. Generally, the change lets the furnace modulate longer before turning off.

If you have a customer with a complaint related to issues 1 – 5 above, follow normal warranty procedures and have the controller returned to Doug Priestley at

Nordyne
8000 Phoenix Parkway
O'Fallon, Mo 63368
ATTN: Doug Priestley

When the controller is received, the warranty claim will be processed.

Part Numbers with Version 5.10:

	Maytag	Westinghouse, Tappan, Frigidaire, NuTone, Broan
iQ Thermostat Kit	920620E	920621E
iQ Controller	920339E	920340E

Thank you
Nordyne Technical Service