



BENCHMARK NX START-UP FORM

Please complete **one (1) form for each UNIT** at the site and return to AERCO for warranty validation within 30 days of start-up. After completion, e-mail this form to: **STARTUP@AERCO.COM**.

Please ensure that the Edge X Firmware is updated as the first step in the startup process

Form Completed By: _____ Date: _____

Location

Installation Site
Name: _____

Company: _____

Street Address: _____

Phone #: _____

City, State, Zip: _____

AERCO Sales Rep: _____

Startup Technician

Name: _____

Startup Technician is: ☐ ATT Technician ☐ AMT Technician ☐ Non-AERCO Trained Technician

UNIT SERIAL #: _____

Equipment Classification

Unit Type: ☐ BMK NX 399 ☐ BMK NX 500

Number at Site _____

Benchmark NX Models

Please go to the section corresponding to the boiler you are starting up, fill in the combustion calibration values from the unit just started, and the Gateway section. Optionally, add any notes you wish to include on the [Additional Notes](#) page.

Once completed, e-mail this form to: **STARTUP@AERCO.COM**.

NOTE: For proper oxygen (O₂) and combustion calibration settings, consult OMM-0183.

BMK NX 399 - Burner Combustion & Adjustment		LOW FIRE	HIGH FIRE
Operating Temperature Set Point (°F):	Starting Modulation Rate (%):		
Modulation Rate (%):			
Oxygen O2 High Fire (4.5% to 6.0% Natural Gas): Low Fire (5.0% to 6.5% Natural Gas)			
Carbon Monoxide CO (should not exceed 200 PPM):			
Nitrogen Oxide NOx (%):			
Vent Pressure – Individual Venting (Range: -0.25" W.C. to +0.60" W.C.):			
Vent Pressure – Common Venting (Range: -0.25" W.C. to +0.25" W.C.):			
Net Vent Temperature (°F) - Gross vent temp minus ambient air temp.:			

BMK NX 500 - Burner Combustion & Adjustment		LOW FIRE	HIGH FIRE
Operating Temperature Set Point (°F):	Starting Modulation Rate (%):		
Modulation Rate (%):			
Oxygen O2 High Fire (4.5% to 6.0% Natural Gas): Low Fire (4.5% to 6.0% Natural Gas)			
Carbon Monoxide CO (should not exceed 200 PPM):			
Nitrogen Oxide NOx (%):			
Vent Pressure – Individual Venting(Range: -0.25" W.C. to +0.60" W.C.):			
Vent Pressure – Common Venting (Range: -0.25" W.C. to +0.25" W.C.):			
Net Vent Temperature (°F) - Gross vent temp minus ambient air temp.:			

ADDITIONAL NOTES: