

Commercial Equipment, Controls, and Networking Policy

To insure the highest level of support for the York commercial equipment referenced on this quote, submittal, purchase order or invoice, please be aware of the following:

- The protocol in the Simplicity family of controls, standard in most York commercial equipment, is ModBus RTU. While compatible with ModBus RTU front end packages, some changes to registers, drivers, and/or data points may be required. ***Costs associated with these changes are not covered under warranty by either York or Virginia Air.***
- Some third party gateways (or translators), which allow a Simplicity equipped unit to communicate with other network protocols and front end software packages, can be factory installed. The factory, and Virginia Air as their distributor, can only support the Modbus RTU side of the network. Depending on the protocol or front end software being applied to the gateway, some changes to registers, drivers, and/or data points may be required. ***Costs associated with these changes are not covered under warranty by either York or Virginia Air.***
- Modlinc is a gateway designed by JCI to allow the Simplicity family of controls to communicate with their ConneXsys front end, a BACnet MS/TP open protocol. Modlinc can be applied to other BACnet MSTP front ends. The factory, and Virginia Air as their distributor, can only support the Modbus RTU side of the network. However some changes to registers, drivers, and/or data points may be required. ***Costs associated with these changes are not covered under warranty by either York or Virginia Air.***

Factory Authorized Equipment Start Up Requirements

To insure any unit can perform as designed, while delivering its expected capacities for its full life cycle, it must be applied, installed, started (or commissioned) and maintained as per factory guidelines. Virginia Air sells all York equipment with the expectation that the units will be installed, started and maintained by a technician qualified to perform such tasks. Please be aware of the following:

- As per York's factory warranty policy, Millennium packaged units ***MUST*** be started by a technician having previously attended a two day factory authorized seminar, passing the exam with a grade of 70% or higher.
- A completed start up form must be faxed (804-419-0357) or emailed to Jack Bartell (jackbartell@virginiaair.com). This form will be reviewed for accuracy, then be forwarded to the factory.
- Units not started by a factory authorized technician will have all DOA labor denied and may have, at the factory's discretion, all part warranties denied as well. These actions are designed to protect all parties, particularly the end user.
- When requested, Virginia Air can provide supervisory start up assistance for all York products at a cost of \$950 per day (plus expenses).
- The amount of time required will be based on the number of units being started, as well as the type of units, with an estimate provided on a per job basis.
- As this service is supervisory in nature, the contactor is required to supply a service technician with tools and meters.
- A completed and signed Pre-Start Up Checklist must be on file prior to the actual start up taking place.
- Air balance of York Equipment is ***NOT*** included in warranty or start-up costs. Drive sheave calculations, adjustments, or replacements required to match measured CFM to specified CFM are the responsibility of the installing contractor.

Additional Items Which May Have An Effect On Equipment Warranty

- Extended protection plans, sold with equipment as part of the original sale or purchased after the sale within the allowable time frame, will not be submitted to the factory (and as such will not be considered in effect) unless a completed start up form is on file.
- Completed extended protection plan forms must be submitted to Virginia Air by the contractor who purchases the equipment. Neither Virginia Air nor the factory can be held accountable for plans which are purchased, but for which no registration forms are submitted.
- If equipment is purchased by one contactor then sold, started, or commissioned by another contractor, it is the responsibility of the contractor to whom we sold the equipment to insure all subsequent parties are aware of these policies.



Millennium PRE START UP CHECK LIST

Requested Start Up Date(s) _____

Jobsite Name _____ Contact _____

Jobsite Address _____ Phone _____

Installing Contractor _____ Contact _____

Installing Contractor Address _____ Phone _____

Start Up Technician Name _____ Cell Phone _____

Controls Contractor _____ Contact _____

Controls Contractor Address _____ Phone _____

Air Balance Contractor _____ Contact _____

Air Balance Contractor Address _____ Phone _____

Number of units to be started _____ Unit Control Package _____ Front End Protocol _____

- Units have been verified as to correct nomenclature and voltage
- Curbs have been set and measured to be proper dimensions
- Units have been set using six point lift with spreader bars
- Power Wiring has been run to each unit
- Control wiring has been run to each unit
- Network wiring has been run to each unit (if applicable)
- If VAV system, control wire required to force boxes open has been run
- If VAV system the duct and building static pressure tubing has been run as per I/O
- Required CFM for each unit is known (*pulley changes required to match airflow are not covered by warranty*)
- The controls and/or air balance contractor will have a technician on site (if applicable)
- Factory or distributor personnel are on site in a supervisory capacity and the contractor is required to have a technician with tools and meters on site at all times.

This form must be completed and faxed to the VA Air TSM prior to their arrival on the jobsite. Failure to insure these items have been completed prior to start up will result in delays and additional charges

Contractor Signature _____ Date Submitted _____