



Pre Factory Start-up Check List Fixed Speed

Here are the main items that must be completed before we can do a factory start-up and warranty registration.

- ☐ Read and understand installation specs in owner's manual (provided on CD with equipment)
- ☐ Air compressor uncrated, removed from pallet, and located in the final location
- ☐ Voltage verification (wrong voltage will void warranty)
- ☐ Properly sized electrical wire, disconnect, and fuses per IR specs
- ☐ Incoming power wired to air compressor starter
- ☐ Incoming power wired in for air dryer
 - ☐ For NVC (Cycling Dryers) turn power on at least 8 hours prior to the scheduled start-up time so the thermal mass can reach temperature
- ☐ Vent port with shutoff valve plumbed in directly on the compressor discharge (required for proper LOTO)
- ☐ Condensation drain lines plumbed in and ran to a collection vessel or oil/water separator
- ☐ All air lines plumbed in and ready for use (if not then contact IR to discuss how the compressed air will be handled)
- ☐ Ensure NO check valves are installed in the compressed air piping

Please schedule accordingly! There may be a service call lead-time of 5 days for a certified service technician to do the factory start-up.

- Any time to correct the above issues is additional and will be charged above and beyond the startup cost.
- Any warranty issues found during start-up will be corrected at no charge.

Any questions regarding proper installation can be answered by your Sales Engineer. Please check each box and sign below indicating you have read and understand the requirements above

Company Name: _____

Date: _____

Print Name: _____

Title: _____

Signature: _____

Phone #: _____

General Installation Guidelines

A properly installed compressed air system will give you years of reliable service avoiding extra costs from routine maintenance and downtime. Consider the following points:

- **Accessibility:** allow 36" min. around each unit for service and repairs.
- **Air flow** is needed for cooling and to feed the compressor.
- **Temperature:** Air compressors prefer ambient temperatures between 40 and 100 degrees F.
- **Cleanliness:** Dirt and clutter decrease the life of equipment. Do not locate paints, chemicals, and alcohols around compressor intake.
- **Lighting:** Daily inspections and repairs are faster and safer.
- **Piping** needs to match or exceed compressor output and have by-passes around dryers and filters
- **Electrical Disconnect** needs to be properly sized per IR specs for that unit and have specified fuse types installed
- **Back-up units:** can run your operation during service or repairs
- **Portable tie in:** can simplify and speed up getting a backup unit tied in for repairs or maintenance. This is a must if you have no back up units!
- **Improper installation** can increase repair costs and down time and actually void the warranty.

Our service or engineering team can fully explain all these guidelines in detail.

Please call us at 1-800-776-1366