Split DX Systems – Pre Start-up Check List

All installation, start-up, and service of AboveAir Technologies’ equipment must be performed by a qualified technician. The technician is responsible for verifying that the items on the pre-start-up check list have been completed and that the unit is installed and capable of operating in a satisfactory manner.

*Email the completed checklist to* *productsupport@aboveair.com**.*

[ ] Unit is visually free from damage from shipping, storage, or rigging

[ ] Unit has been installed level and with proper clearances

[ ] Unit is clear of all construction debris

[ ] All ductwork is complete and connected to the unit. Ductwork is not supported from the unit.

[ ] All filters are installed and are clean.

[ ] Power wiring is complete and voltage/phase/frequency matches the unit’s nameplate.

[ ] All sensors are installed and connected to the unit.

[ ] All field installed components shipped loose with the unit have been installed (if applicable).

[ ] All interlock wiring between the evaporator section and the remote condensing section is complete.

[ ] Any additional required control wiring is complete.

[ ] All condensate piping is connected to the unit and trapped & sloped as required by the IOM. Piping is free from debris and does not leak.

[ ] All refrigerant lines are installed, connected to the unit, and sized, supported, sloped, trapped, and insulated as required by the IOM.

[ ] Refrigerant lines have been pressure tested and evacuated.

[ ] The system has been provided with a starting refrigerant charge (at minimum 70% of the estimated system charge).

[ ] The crankcase heater has been allowed to operate for at least 24 hours before start-up.

[ ] The unit has been air balanced.

[ ] All condenser water/glycol piping is connected to the unit (if applicable) and free of leaks.

[ ] All chilled water piping is connected to the unit (if applicable) and free of leaks.

[ ] The system is operating with its design glycol concentration (if applicable).

[ ] All hot water piping is connected to the unit (if applicable) and free of leaks.

[ ] All hydronic specialties required by the manufacturer have been installed (if applicable).

[ ] All pumps, chillers, cooling towers, drycoolers, or other associated devices serving the unit are active.

[ ] The unit has been water balanced (if applicable).

Comments

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