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*](mailto: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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