

Item	Description	Increased Cost Estimate	Difficulty Level			Comments
			Low	Medium	High	
1.1	Checklist completed in its entirety					Verify Contractor Checklist completed
1.2	Compliance with Manual J,S, D, and T or equivalents indicated					Visual Inspection of System and Layout as compared to design
1.3	Compliance with SHR or dehumidifier requirement indicated					Visual Verification
1.4	Required outdoor / indoor temperature and infiltration rate assumptions used to complete Manual J calculations					Visual Verification
1.5	ARI Certificate attached					Visual Verification
1.6	Reported equipment capacity field values within 5% of design values					Visual verification of Installation per Design
1.7	Reported air flow field values within 5% of design values					Flow verification per room using Flow Hood
1.8	Reported duct static pressure field values within 5% of design values					Static Pressure Test Required
1.9	Reported design fan motor type same as field fan motor type					Visual Verification
1.10	Reported fan speed field values within 5% of design values					Unsure how this will be verified.
1.11	Reported refrigerant charge and metering device field types same as design types					Use of Charge Testing Equipment.
1.12	For Non-Lennox TXV devices, reported sub-cooling temperature deviation within +/- 3°F of goal					
1.13	For Lennox TXV devices, reported approach temperature deviation +/- 5°F of goal					
1.14	For Fixed Orifice devices, reported superheat temperature deviation +/- 5°F of goal					

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2.1	Connections and routing of ductwork completed without kinks or bends > 90°					Visual Verification
2.2	No excess coiled or looped flexible ductwork					Visual Verification
2.3	No compression of flexible ductwork					Visual Verification
2.4	Flexible ducts supported at intervals as recommended by manufacturer but at a distance not > 5 ft. and with maximum sag of 0.5 in. per ft. of spacing between supports					Visual Verification
2.5	All connections to trunk ducts in unconditioned space insulated					Visual Verification
2.6	Building cavities not used as return ducts					Visual Verification
2.7	Ducts in unconditioned attics have insulation ≥ R-8; All other ducts in unconditioned space have insulation ≥ R-6					Visual Verification
2.8	Total duct leakage ≤ 6 CFM pr 100 sq. ft. of conditioned floor area					Duct Testing shall be performed
2.9	Duct leakage to outdoors ≤ 4 CFM per 100 sq. ft. of conditioned floor area					Duct Testing shall be performed
2.10	Bedrooms pressure-balanced such that 1 sq. In. of opening is provided per 1 CFM of supply air. Dedicated return ducts, transfer grills, and/or jump ducts may be used to meet this requirement					Cost of installing jump ducts, transfer grills